

**PRODUCT
NEWS**

**Correction
Reissue**

**Product Discontinuation
Notices**

NOTE:

This PDN is intended for use exclusively in EUROPE, Middle East and Africa.
Additionally, the listed products are only a part of complete range.

<< REQUEST >>

There was modification of Product News DRAFT 20250221_DOP_00001 of February 2025 issue.
What we have changed is as follows;
1.Change of Package : G3VM-41BR/41ER/41ER(TR), G3VM-61BR2/61ER2/61ER2(TR05) (SOP6=>DIP6) [P50]
2.Change of Package :G3VM-81GR1/G3VM-81GR1(TR) (Special SOP4=>SOP4) [P59]
Please abolish old edition, replace the latest.

Product Discontinuation

MOS FET Relay

G3VM-101AR
G3VM-101DR
G3VM-101DR(TR)
G3VM-101BR
G3VM-101ER
G3VM-101ER(TR)

G3VM-201G
G3VM-201G(TR)

G3VM-201H1
G3VM-201H1(TR)

G3VM-202J1
G3VM-202J1(TR)

 **G3VM-21AR**
G3VM-21DR
G3VM-21DR(TR)
G3VM-21BR
G3VM-21ER
G3VM-21ER(TR)

G3VM-21GR
G3VM-21GR(TR)

G3VM-21GR1
G3VM-21GR1(TR)



Recommended Replacement

MOS FET Relay

G3VM-101AR1
G3VM-101DR1
G3VM-101DR1(TR05)
G3VM-101BR1
G3VM-101ER1
G3VM-101ER1(TR05)

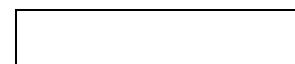
G3VM-S5
G3VM-S5(TR)

G3VM-S5
G3VM-S5(TR)

G3VM-201G1
G3VM-201G1(TR)
Use 2 pcs.
G3VM-31AR
G3VM-31DR
G3VM-31DR(TR05)
G3VM-31BR
G3VM-31ER
G3VM-31ER(TR05)


G3VM-41GR5
G3VM-41GR5(TR)

G3VM-41GR5
G3VM-41GR5(TR)



G3VM-2L	➔	G3VM-351AY1
G3VM-2FL		G3VM-351DY1
G3VM-2FL(TR)		G3VM-351DY1(TR05)
G3VM-351G1	➔	G3VM-351VY
G3VM-351G1(TR)		G3VM-351VY(TR05)
G3VM-351GL	➔	G3VM-351VY
G3VM-351GL(TR)		G3VM-351VY(TR05)
G3VM-351H	➔	G3VM-351VY
G3VM-351H(TR)		G3VM-351VY(TR05)
G3VM-352J	➔	G3VM-351VY
G3VM-352J(TR)		G3VM-351VY(TR05)
		Use 2 pcs.
G3VM-353A	➔	G3VM-353G
G3VM-353D		G3VM-353G
G3VM-353D(TR)		G3VM-353G(TR)
G3VM-353B	➔	G3VM-353G
G3VM-353E		G3VM-353G
G3VM-353ETR)		G3VM-353G(TR)
G3VM-353H	➔	G3VM-353G
G3VM-353H(TR)		G3VM-353G(TR)
G3VM-354C	➔	G3VM-353G
G3VM-354F		G3VM-353G
G3VM-354F(TR)		G3VM-353G(TR)
		Use 2 pcs.
G3VM-354J	➔	G3VM-353G
G3VM-354J(TR)		G3VM-353G(TR)
		Use 2 pcs.
G3VM-355CR	➔	G3VM-401VY + G3VM-353G
G3VM-355FR		"
G3VM-355FR(TR)		G3VM-401VY(TR05)+ G3VM-353G(TR)
G3VM-355JR	➔	G3VM-401VY + G3VM-353G
G3VM-355JR(TR)		G3VM-401VY(TR05)+ G3VM-353G(TR)



G3VM-401BY G3VM-401EY G3VM-401EY(TR)	➔	G3VM-401AY1 G3VM-401DY1 G3VM-401DY1(TR05)
G3VM-401H G3VM-401H(TR)	➔	G3VM-401VY G3VM-401VY(TR05)
G3VM-402J G3VM-402J(TR)	➔	G3VM-401VY G3VM-401VY(TR05) Use 2 pcs.
G3VM-41AR G3VM-41DR G3VM-41DR(TR)	➔	G3VM-61AR1 G3VM-61DR1 G3VM-61DR1(TR05)
G3VM-41BR G3VM-41ER G3VM-41ER(TR)	➔	G3VM-61BR2 G3VM-61ER2 G3VM-61ER2(TR05)
G3VM-41GR4 G3VM-41GR4(TR)	➔	G3VM-41GR5 G3VM-41GR5(TR)
G3VM-601BY G3VM-601EY G3VM-601EY(TR)	➔	G3VM-601AY1 G3VM-601DY1 G3VM-601DY1(TR05)
G3VM-61AR G3VM-61DR G3VM-61DR(TR)	➔	G3VM-61AR1 G3VM-61DR1 G3VM-61DR1(TR05)
G3VM-61BR G3VM-61ER G3VM-61ER(TR)	➔	G3VM-61BR2 G3VM-61ER2 G3VM-61ER2(TR05)
G3VM-61BR1 G3VM-61ER1 G3VM-61ER1(TR)	➔	G3VM-61BR2 G3VM-61ER2 G3VM-61ER2(TR05)
 G3VM-61H1 G3VM-61H1(TR)	➔	G3VM-61VY3 G3VM-61VY3(TR05)
G3VM-62J1 G3VM-62J1(TR)	➔	G3VM-61VY2 G3VM-61VY2(TR05) Use 2 pcs.
G3VM-81G1 G3VM-81G1(TR)	➔	G3VM-81GR1 G3VM-81GR1(TR)

G3VM-81GR
G3VM-81GR(TR)



G3VM-81GR1
G3VM-81GR1(TR)

G3VM-WL
G3VM-WFL
G3VM-WFL(TR)



G3VM-351AY1
G3VM-351DY1
G3VM-351DY1(TR05)
Use 2 pcs.

[Final order entry date]

End of March 2026

[Date of The Last Shipping]

End of June, 2026

[Caution on recommended replacement]

Some products differ in body color, dimensions, wire connection and mounting dimensions, but characteristics, operation ratings and operation methods are almost compatible.

Since the G3VM-□J, □J1, □C, □F or W□ products are the 2a type, please use two recommended replacement 1a type products. In addition, since the G3VM-□CR, □FR or □JR product is a 1a1b type, please use a 1a type and 1b type SOP product.

[Difference from discontinued product]

Recommended replacement Model	Body Color	Dimensions	Wire connection	Mounting Dimensions	Characteristics	Operation ratings	Operation methods
Recommendation against G3VM-101AR/DR/DR(TR): G3VM-101AR1 G3VM-101DR1/DR1(TR05)	**	**	**	**	*	*	**
Recommendation against G3VM-101BR/ER/ER(TR): G3VM-101BR1 G3VM-101ER1/ER1(TR05)	**	**	**	**	*	*	**
Recommendation against G3VM-201G/G(TR): G3VM-S5 G3VM-S5(TR)	**	**	**	**	*	*	**
Recommendation against G3VM-201H1/H1(TR): G3VM-S5 G3VM-S5(TR)	**	--	--	--	*	*	**
Recommendation against G3VM-202J1/J1(TR): G3VM-201G1 G3VM-201G1(TR) Use 2 pcs.	**	--	--	--	*	*	**
Recommendation against G3VM-21AR/DR/DR(TR): G3VM-31AR G3VM-31DR/DR(TR05)	**	**	**	**	*	*	**
Recommendation against G3VM-21BR/ER/ER(TR): G3VM-31BR G3VM-31ER/ER (TR05)	**	**	**	**	*	*	**
Recommendation against G3VM-21GR/GR(TR):	**	**	**	**	*	*	**

G3VM-41GR5 G3VM-41GR5(TR)							
Recommendation against G3VM-21GR1/GR1(TR): G3VM-41GR5 G3VM-41GR5(TR)	**	**	**	**	*	*	**

Recommended replacement Model	Body Color	Dimensions	Wire connection	Mounting Dimensions	Characteristics	Operation ratings	Operation methods
Recommendation against G3VM-2L/2FL/2FL(TR): G3VM-351AY1 G3VM-351DY1 G3VM-351DY1(TR05)	--	**	**	**	*	*	**
Recommendation against G3VM-351G1/G1(TR): G3VM-351VY G3VM-351VY(TR05)	--	*	**	**	*	*	**
Recommendation against G3VM-351GL/GL(TR): G3VM-351VY G3VM-351VY(TR05)	--	*	**	**	*	*	**
Recommendation against G3VM-351H/H(TR): G3VM-351VY G3VM-351VY(TR05)	--	--	--	--	*	*	**
Recommendation against G3VM-352J/J(TR): G3VM-351VY G3VM-351VY(TR05) Use 2 pcs.	--	--	--	--	*	*	**
Recommendation against G3VM-353A/D/D(TR): G3VM-353G G3VM-353G(TR)	**	--	**	--	*	*	**
Recommendation against G3VM-353B/E/E(TR): G3VM-353G G3VM-353G(TR)	**	--	--	--	*	*	**
Recommendation against G3VM-353H/ H(TR): G3VM-353G G3VM-353G(TR)	**	--	--	--	*	*	**
Recommendation against G3VM-354C/F/F(TR): G3VM-353G G3VM-353G(TR) Use 2 pcs.	**	--	**	--	*	*	**
Recommendation against G3VM-354J/ J(TR): G3VM-353G G3VM-353G(TR) Use 2 pcs.	**	--	**	*	*	*	**
Recommendation against G3VM-355CR/FR/FR(TR):	--	--	**	--	*	*	**

G3VM-401VY/VY(TR05) +G3VM-353G/G(TR)							
Recommendation against G3VM-355JR/ JR(TR): G3VM-401VY/VY(TR05) + G3VM-353G/G(TR)	**	--	**	*	*	*	**
Recommendation against G3VM-401BY/EY/EY(TR): G3VM-401AY1 G3VM-401DY1/DY1(TR05)	--	--	--	--	*	*	**

Recommended replacement Model	Body Color	Dimensions	Wire connection	Mounting Dimensions	Characteristics	Operation ratings	Operation methods
Recommendation against G3VM-401H/H(TR): G3VM-401VY G3VM-401VY(TR05)	--	--	--	--	*	*	**
Recommendation against G3VM-402J/J(TR): G3VM-401VY G3VM-401VY(TR05) Use 2 pcs.	--	--	--	--	*	*	**
Recommendation against G3VM-41AR/DR/DR(TR): G3VM-61AR1 G3VM-61DR1/DR1(TR05)	**	**	**	**	*	*	**
Recommendation against G3VM-41BR/ER/ER(TR): G3VM-61BR2 G3VM-61ER2/ER2(TR05)	**	**	**	**	*	*	**
Recommendation against G3VM-41GR4/GR4(TR): G3VM-41GR5 G3VM-41GR5(TR)	**	**	**	**	*	*	**
Recommendation against G3VM-601BY/EY/EY (TR): G3VM-601AY1 G3VM-601DY1/DY1(TR05)	--	--	--	--	*	*	**
Recommendation against G3VM-61AR/DR/DR(TR): G3VM-61AR1 G3VM-61DR1/DR1(TR05)	**	**	**	**	*	*	**
Recommendation against G3VM-61BR/ER/ER(TR): G3VM-61BR2 G3VM-61ER2/ER2(TR05)	**	**	*	*	*	*	**
Recommendation against G3VM-61BR1/ER1/ER1(TR): G3VM-61BR2 G3VM-61ER2/ER2(TR05)	**	**	**	**	*	*	**
Recommendation against G3VM-61H1/H1(TR): G3VM-61VY3 G3VM-61VY3(TR05)	--	--	--	--	*	*	**
Recommendation against G3VM-62J1/J1(TR): G3VM-61VY2 G3VM-61VY2(TR05) Use 2 pcs.	--	--	--	--	*	*	**

Recommendation against G3VM-81G1/G1(TR): G3VM-81GR1 G3VM-81GR1(TR)	**	**	**	**	*	*	**
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Recommended replacement Model	Body Color	Dimensions	Wire connection	Mounting Dimensions	Characteristics	Operation ratings	Operation methods
Recommendation against G3VM-81GR/GR(TR): G3VM-81GR1 G3VM-81GR1(TR)	**	**	**	**	*	*	**
Recommendation against G3VM-WL/WFL/WFL(TR): Model G3VM-351AY1 Model G3VM-351DY1 Model G3VM-351DY1(TR05) Use 2 pcs.	--	--	*	*	*	*	**

** : Compatible

* : The change is a little/Almost compatible

-- : Not compatible

- : No corresponding specification

[Product Discontinuation and recommended replacement]

Product discontinuation	Recommended replacement
G3VM-101AR	G3VM-101AR1
G3VM-101BR	G3VM-101BR1
G3VM-101DR	G3VM-101DR1
G3VM-101DR(TR)	G3VM-101DR1(TR05)
G3VM-101ER	G3VM-101ER1
G3VM-101ER(TR)	G3VM-101ER1(TR05)
G3VM-201G	G3VM-S5
G3VM-201G(TR)	G3VM-S5(TR)
G3VM-201H1	G3VM-S5
G3VM-201H1(TR)	G3VM-S5(TR)
G3VM-202J1	G3VM-201G1 / Use 2 pcs.
G3VM-202J1(TR)	G3VM-201G1(TR) / Use 2 pcs.
G3VM-21AR	G3VM-31AR
G3VM-21BR	G3VM-31BR
G3VM-21DR	G3VM-31DR
G3VM-21DR(TR)	G3VM-31DR(TR05)
G3VM-21ER	G3VM-31ER
G3VM-21ER(TR)	G3VM-31ER(TR05)
G3VM-21GR	G3VM-41GR5
G3VM-21GR(TR)	G3VM-41GR5(TR)
G3VM-21GR1	G3VM-41GR5
G3VM-21GR1(TR)	G3VM-41GR5(TR)

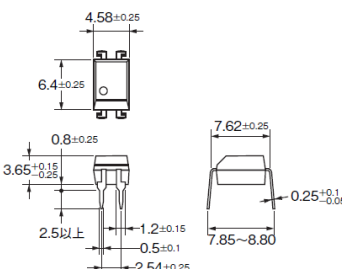
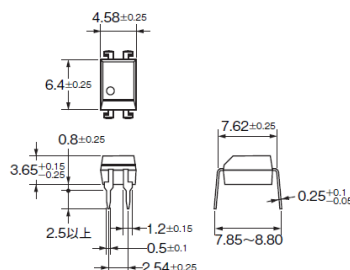
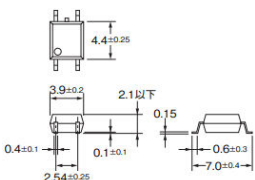
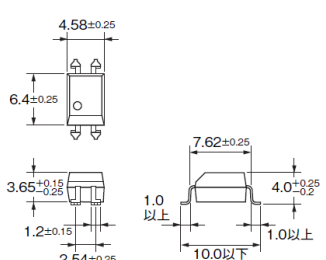
Product discontinuation	Recommended replacement
G3VM-2FL	G3VM-351DY1
G3VM-2FL(TR)	G3VM-351DY1(TR05)
G3VM-2L	G3VM-351AY1
G3VM-351G1	G3VM-351VY
G3VM-351G1(TR)	G3VM-351VY(TR05)
G3VM-351GL	G3VM-351VY
G3VM-351GL(TR)	G3VM-351VY(TR05)
G3VM-351H	G3VM-351VY
G3VM-351H(TR)	G3VM-351VY(TR05)
G3VM-352J	G3VM-351VY / Use 2 pcs.
G3VM-352J(TR)	G3VM-351VY(TR05) / Use 2 pcs.
G3VM-353A	G3VM-353G
G3VM-353B	G3VM-353G
G3VM-353D	G3VM-353G
G3VM-353D(TR)	G3VM-353G(TR)
G3VM-353E	G3VM-353G
G3VM-353E(TR)	G3VM-353G(TR)
G3VM-353H	G3VM-353G
G3VM-353H(TR)	G3VM-353G(TR)
G3VM-354C	G3VM-353G / Use 2 pcs.
G3VM-354F	G3VM-353G / Use 2 pcs.
G3VM-354F(TR)	G3VM-353G(TR) / Use 2 pcs.
G3VM-354J	G3VM-353G / Use 2 pcs.
G3VM-354J(TR)	G3VM-353G(TR) / Use 2 pcs.
G3VM-355CR	G3VM-401VY + G3VM-353G
G3VM-355FR	G3VM-401VY + G3VM-353G
G3VM-355FR(TR)	G3VM-401VY(TR05) + G3VM-353G(TR)
G3VM-355JR	G3VM-401VY + G3VM-353G
G3VM-355JR(TR)	G3VM-401VY(TR05) + G3VM-353G(TR)
G3VM-401BY	G3VM-401AY1
G3VM-401EY	G3VM-401DY1
G3VM-401EY(TR)	G3VM-401DY1(TR05)
G3VM-401H	G3VM-401VY
G3VM-401H(TR)	G3VM-401VY(TR05)
G3VM-402J	G3VM-401VY / Use 2 pcs.
G3VM-402J(TR)	G3VM-401VY(TR05) / Use 2 pcs.
G3VM-41AR	G3VM-61AR1
G3VM-41BR	G3VM-61BR2
G3VM-41DR	G3VM-61DR1
G3VM-41DR(TR)	G3VM-61DR1(TR05)
G3VM-41ER	G3VM-61ER2
G3VM-41ER (TR)	G3VM-61ER2(TR05)
G3VM-41GR4	G3VM-41GR5
G3VM-41GR4(TR)	G3VM-41GR5(TR)
G3VM-601BY	G3VM-601AY1
G3VM-601EY	G3VM-601DY1
G3VM-601EY(TR)	G3VM-601DY1(TR05)
G3VM-61AR	G3VM-61AR1
G3VM-61BR	G3VM-61BR2

Product discontinuation	Recommended replacement
G3VM-61BR1	G3VM-61BR2
G3VM-61DR	G3VM-61DR1
G3VM-61DR(TR)	G3VM-61DR1(TR05)
G3VM-61ER	G3VM-61ER2
G3VM-61ER (TR)	G3VM-61ER2(TR05)
G3VM-61ER1	G3VM-61ER2
G3VM-61ER1 (TR)	G3VM-61ER2(TR05)
G3VM-61H1	G3VM-61VY3
G3VM-61H1(TR)	G3VM-61VY3(TR05)
G3VM-62J1	G3VM-61VY2/ Use 2 pcs.
G3VM-62J1(TR)	G3VM-61VY2(TR05)/ Use 2 pcs.
G3VM-81G1	G3VM-81GR1
G3VM-81G1(TR)	G3VM-81GR1(TR)
G3VM-81GR	G3VM-81GR1
G3VM-81GR(TR)	G3VM-81GR1(TR)
G3VM-WFL	G3VM-351DY1 / Use 2 pcs.
G3VM-WFL(TR)	G3VM-351DY1(TR05) / Use 2 pcs.
G3VM-WL	G3VM-351AY1 / Use 2 pcs.

[Body color]

<p>Product discontinuation Model G3VM-351G1, -351G1(TR) G3VM-351GL, -351GL(TR) G3VM-351H, -351H(TR) G3VM-352J, -352J(TR) G3VM-61H1, -61H1(TR) G3VM-401H, -401H(TR) G3VM-402J, -402J(TR) G3VM-62J1, -62J1(TR) G3VM-2L, -2FL, -2FL(TR) G3VM-WL, -WFL, -WFL(TR) G3VM-401BY, -401EY, -401EY(TR) G3VM-601BY, -601EY, -601EY(TR)</p>	<p>Recommendable replacement Model G3VM-351VY, -351VY(TR05) " " " G3VM-61VY3, -61VY3(TR05) G3VM-401VY, -401VY(TR05) " G3VM-61VY2, -61VY2(TR05) G3VM-351AY1, -351DY1, -351DY1(TR05) " G3VM-401AY1, -401DY1, -401DY1(TR05) G3VM-601AY1, -601DY1, -601DY1(TR05)</p>
<p>White</p>	<p>Black</p>
<p>Product discontinuation Model G3VM-201G, -201G(TR) G3VM-201H1, -201H1(TR) G3VM-202J1, -202J1(TR) G3VM-81GR, -81GR(TR) G3VM-81G1, -81G1(TR) G3VM-41GR4, -41GR4(TR) G3VM-21GR, -21GR(TR) G3VM-21GR1, -21GR1(TR) G3VM-61BR, -61ER, -61ER(TR) G3VM-61BR1, -61ER1, -61ER1(TR) G3VM-41BR, -41ER, -41ER(TR) G3VM-21BR, -21ER, -21ER(TR) G3VM-101BR, -101ER, -101ER(TR) G3VM-21AR, -21DR, -21DR(TR) G3VM-41AR, -41DR, -41DR(TR) G3VM-61AR, -61DR, -61DR(TR) G3VM-101AR, -101DR, -101DR(TR) G3VM-353H, -353H(TR) G3VM-354J, -354J(TR) G3VM-353A, -353D, -353D(TR) G3VM-354C, -354F, -354F(TR) G3VM-353B, -353E, -353E(TR)</p>	<p>Recommendable replacement Model G3VM-S5, -S5(TR) " G3VM-201G1, -201G1(TR) G3VM-81GR1, -81GR1(TR) " G3VM-41GR5, -41GR5(TR) " " G3VM-61BR2, -61ER2, -61ER2(TR05) " " G3VM-31BR, -31ER, -31ER(TR05) G3VM-101BR1, -101ER1, -101ER1(TR05) G3VM-31AR, -31DR, -31DR(TR05) G3VM-61AR1, -61DR1, -61DR1(TR05) " G3VM-101AR1, -101DR1, -101DR1(TR05) G3VM-353G, -353G(TR) " " "</p>
<p>White</p>	<p>White</p>
<p>G3VM-355CR, -355FR, -355FR(TR) G3VM-355JR, -355JR(TR)</p>	<p>G3VM-401VY+G3VM-353G, " G3VM-401VY(TR05)+G3VM-353G(TR) G3VM-401VY+G3VM-353G, G3VM-401VY(TR05)+G3VM-353G(TR)</p>
<p>White</p>	<p>Black + White</p>

[Dimensions]

<p>Product discontinuation Model G3VM-2L G3VM-21AR G3VM-41AR G3VM-61AR G3VM-101AR</p>	<p>Recommendable replacement Model G3VM-351AY1 G3VM-31AR G3VM-61AR1 " G3VM-101AR1</p>
	<p>Sam as Left</p>
<p>Product discontinuation Model G3VM-353A</p>	<p>Recommendable replacement Model G3VM-353G</p>
	
<p>Product discontinuation Model G3VM-2FL, -2FL(TR) G3VM-21DR, -21DR(TR) G3VM-41DR, -41DR(TR) G3VM-61DR, -61DR(TR) G3VM-101DR, -101DR(TR)</p>	<p>Recommendable replacement Model G3VM-351DY1, -351DY1(TR05) G3VM-31DR, -31DR(TR05), G3VM-61DR1, -61DR1(TR05) " G3VM-101DR1, -101DR1(TR05)</p>
	<p>Same as Left</p>
<p>Product discontinuation Model G3VM-353D, -353D(TR)</p>	<p>Recommendable replacement Model G3VM-353G, -353G(TR)</p>

<p>Product discontinuation Model G3VM-2L G3VM-21AR G3VM-41AR G3VM-61AR G3VM-101AR</p>	<p>Recommendable replacement Model G3VM-351AY1 G3VM-31AR G3VM-61AR1 " G3VM-101AR1</p>

[Dimensions]

<p>Product discontinuation Model G3VM-21BR G3VM-41BR G3VM-61BR1 G3VM-101BR</p>	<p>Recommendable replacement Model G3VM-31BR G3VM-61BR2 " G3VM-101BR1</p>
	<p>Same as Left</p>
<p>Product discontinuation Model G3VM-21ER, -21ER(TR) G3VM-41ER, -41ER(TR) G3VM-61ER1, -61ER1(TR) G3VM-101ER, -101ER(TR)</p>	<p>Recommendable replacement Model G3VM-31ER, -31ER(TR05) 形 G3VM-61ER2, -61ER2(TR05), " 形 G3VM-101ER1, -101ER1(TR05),</p>
	<p>Same as left</p>
<p>Product discontinuation Model G3VM-61BR</p>	<p>Recommendable replacement Model G3VM-61BR2</p>

<p>Product discontinuation Model G3VM-21BR G3VM-41BR G3VM-61BR1 G3VM-101BR</p>	<p>Recommendable replacement Model G3VM-31BR G3VM-61BR2 " G3VM-101BR1</p>
<p>Product discontinuation Model G3VM-61ER, -61ER(TR)</p>	<p>Recommendable replacement Model G3VM-61ER2, -61ER2(TR05)</p>

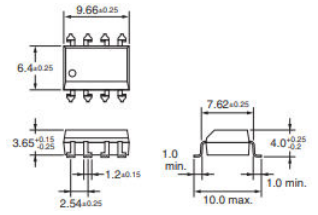
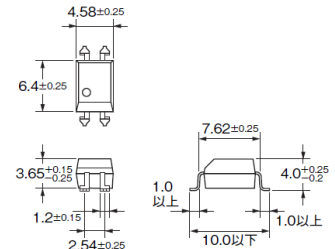
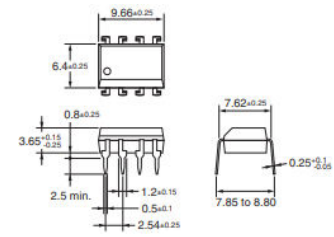
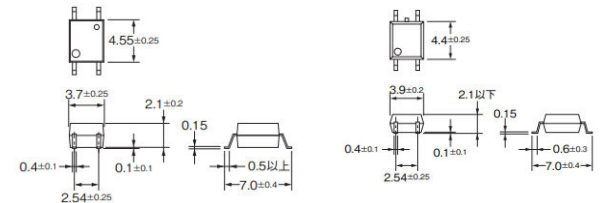
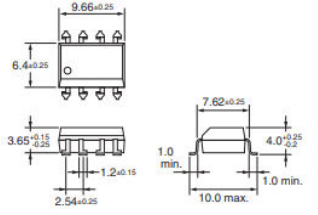
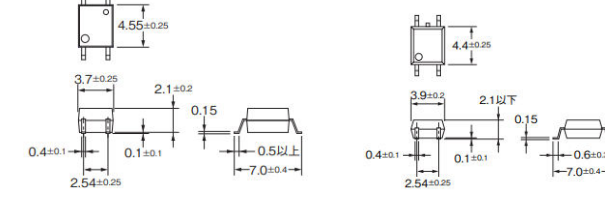
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<p>Product discontinuation Model G3VM-401BY G3VM-601BY</p>	<p>Recommendable replacement Model G3VM-401AY1 G3VM-601AY1</p>
<p>Product discontinuation Model G3VM-401EY, -401EY(TR) G3VM-601EY, -601EY(TR)</p>	<p>Recommendable replacement Model G3VM-401DY1, -401DY1(TR05) G3VM-601DY1, -601DY1(TR05)</p>

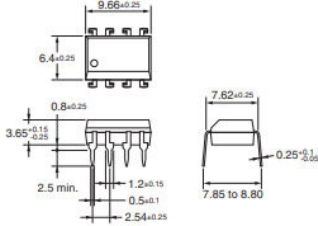
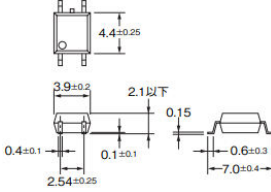
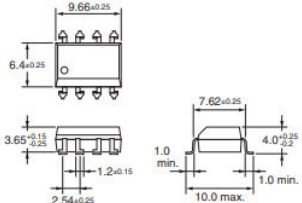
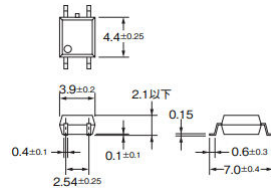
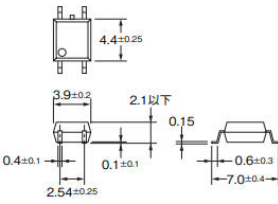
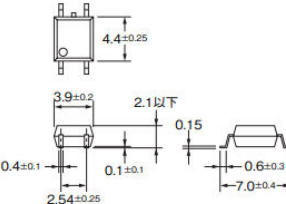
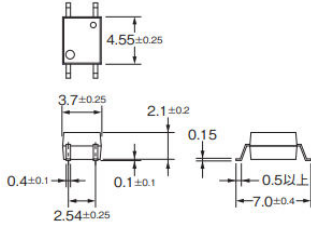
<p>Product discontinuation Model G3VM-401BY G3VM-601BY</p>	<p>Recommendable replacement Model G3VM-401AY1 G3VM-601AY1</p>
<p>Product discontinuation Model G3VM-353B</p>	<p>Recommendable replacement Model G3VM-353G</p>
<p>Product discontinuation Model G3VM-353E, -353E(TR)</p>	<p>Recommendable replacement Model G3VM-353G, -353G(TR)</p>

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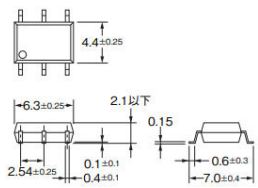
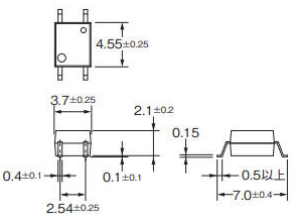
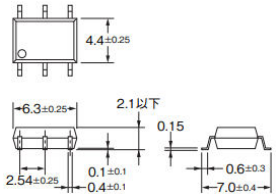
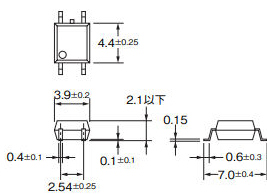
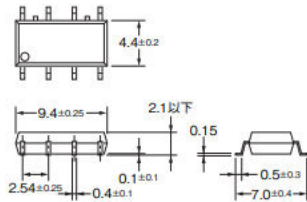
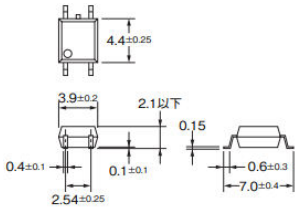
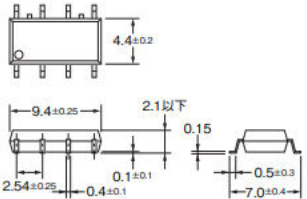
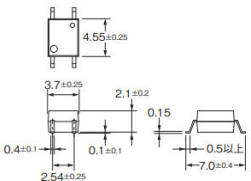
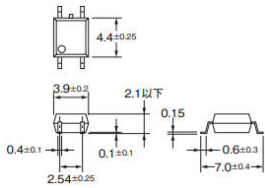
<p>Product discontinuation Model G3VM-WL</p>	<p>Recommendable replacement Model G3VM-351AY1</p>
	<p>Use 2 pcs.</p>

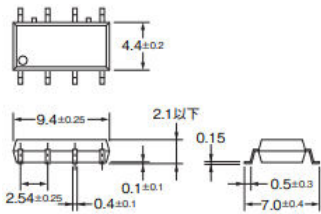
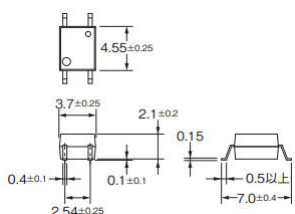
<p align="center">Product discontinuation Model G3VM-WL</p>	<p align="center">Recommendable replacement Model G3VM-351AY1</p>
<p align="center">Product discontinuation Model G3VM-WFL, WFL(TR)</p>	<p align="center">Recommendable replacement Model G3VM-351DY1, -351DY1(TR05)</p>
	<p align="right">Use 2 pcs.</p> 
<p align="center">Product discontinuation Model G3VM-355CR</p>	<p align="center">Recommendable replacement Model G3VM-401VY + G3VM-353G</p>
	<p align="right">Use 2 pcs.</p> 
<p align="center">Product discontinuation Model G3VM-355FR, -355FR(TR)</p>	<p align="center">Recommendable replacement Model G3VM-401VY + G3VM-353G G3VM-401VY(TR05) + G3VM-353G(TR)</p>
	<p align="right">Use 2 pcs.</p> 

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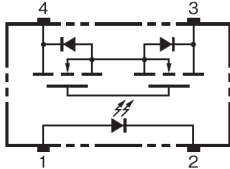
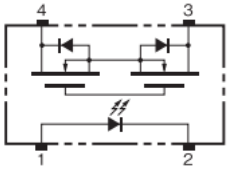
<p>Product discontinuation Model G3VM-354C</p>	<p>Recommendable replacement Model G3VM-353G</p>
	<p>Use 2 pcs.</p> 
<p>Product discontinuation Model G3VM-354F, -354F(TR)</p>	<p>Recommendable replacement Model G3VM-353G, -353G(TR)</p>
	<p>Use 2 pcs.</p> 
<p>Product discontinuation Model G3VM-201G, -201G(TR) G3VM-41GR4, -41GR4(TR) G3VM-21GR, -21GR(TR) G3VM-21GR1, -21GR1(TR) G3VM-81GR, -81GR(TR) G3VM-81G1, -81G1(TR)</p>	<p>Recommendable replacement Model G3VM-S5, -S5(TR) G3VM-41GR5, -41GR5(TR) " " G3VM-81GR1, -81GR1(TR) "</p>
	<p>Same as left</p>
<p>Product discontinuation Model G3VM-351G1, -351G1(TR), G3VM-351GL, -351GL(TR)</p>	<p>Recommendable replacement Model G3VM-351VY, -351VY(TR05) "</p>
	

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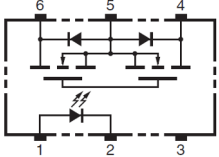
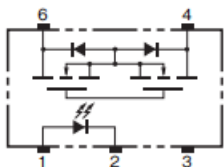
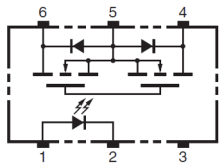
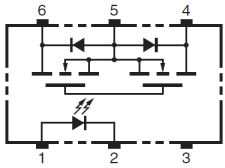
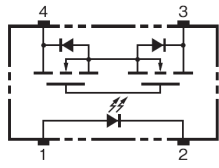
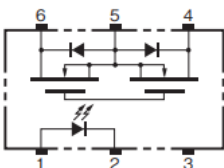
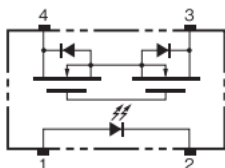
<p>Product discontinuation Model G3VM-61H1, -61H1(TR) G3VM-351H, -351H(TR) G3VM-401H, -401H(TR)</p>	<p>Recommendable replacement Model G3VM-61VY3, -61VY3(TR05) G3VM-351VY, -351VY(TR05) G3VM-401VY, -401VY(TR05)</p>
	
<p>Product discontinuation Model G3VM-201H1, -201H1(TR) G3VM-353H, -353H(TR)</p>	<p>Recommendable replacement Model G3VM-S5, -S5(TR) G3VM-353G, -353G(TR)</p>
	
<p>Product discontinuation Model G3VM-202J1, -202J1(TR) G3VM-354J, -354J(TR)</p>	<p>Recommendable replacement Model G3VM-201G1, -201G1(TR) G3VM-353G, -353G(TR)</p>
	<p>Use 2 pcs.</p> 
<p>Product discontinuation Model G3VM-355JR, -355JR(TR)</p>	<p>Recommendable replacement Model G3VM-401VY + G3VM-353G G3VM-401VY(TR05) + G3VM-353G(TR)</p>
	<p>Use 2 pcs.</p>  

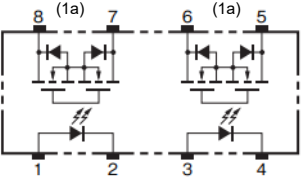
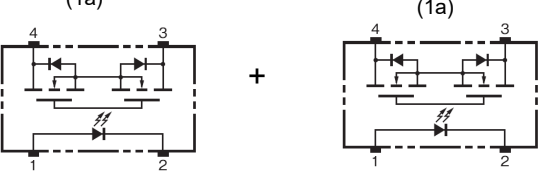
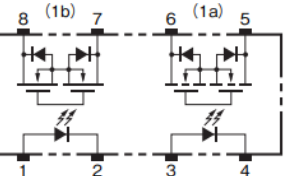
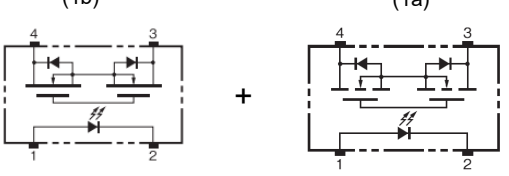
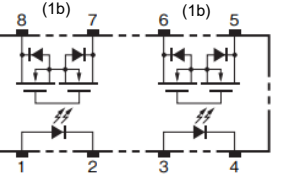
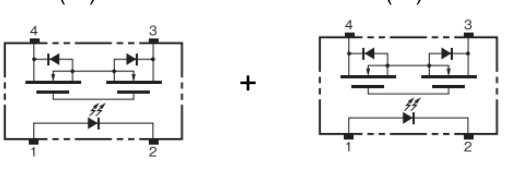
<p>Product discontinuation Model G3VM-62J1, -62J1(TR) G3VM-352J, -352J(TR) G3VM-402J, -402J(TR)</p>	<p>Recommendable replacement Model G3VM-61VY2, -61VY2(TR) G3VM-351VY, -351VY(TR05) G3VM-401VY, -401VY(TR05)</p>
	<p>Use 2 pcs.</p> 

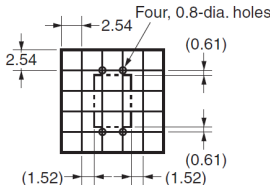
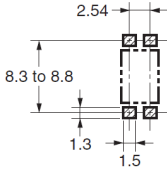
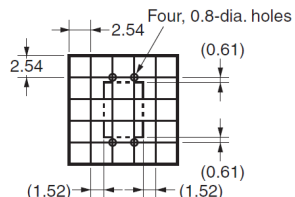
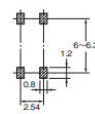
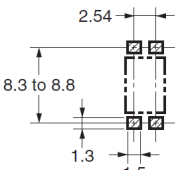
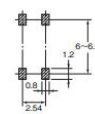
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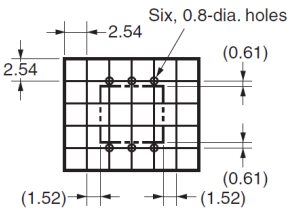
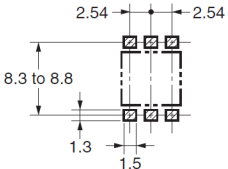
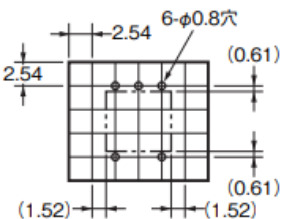
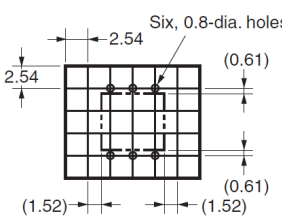
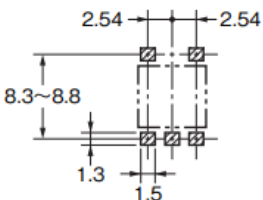
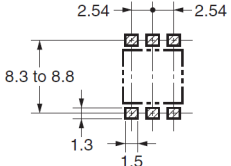
<p>Product discontinuation Model G3VM-2L, -2FL, -2FL(TR) G3VM-21AR, -21DR, -21DR(TR) G3VM-41AR, -41DR, -41DR(TR) G3VM-61AR, -61DR, -61DR(TR) G3VM-101AR, -101DR, -101DR(TR) G3VM-351G1, -351G1(TR) G3VM-351GL, -351GL(TR) G3VM-201G, -201G(TR) G3VM-41GR4, -41GR4(TR) G3VM-21GR, -21GR(TR) G3VM-21GR1, -21GR1(TR) G3VM-81GR, -81GR(TR) G3VM-81G1, -81G1(TR)</p>	<p>Recommendable replacement Model G3VM-351AY1, -351DY1, -351DY1(TR05) G3VM-31AR, -31DR, -31DR(TR05) G3VM-61AR1, -61DR1, -61DR1(TR05) " " G3VM-101AR1, -101DR1, -101DR1(TR05) G3VM-351VY, -351VY(TR05) " " G3VM-S5, -S5(TR) G3VM-41GR5, -41GR5(TR) " " G3VM-81GR1, -81GR1(TR) " "</p>
<p>(Top View)</p> 	<p>Same as left</p>
<p>Product discontinuation Model G3VM-353A, -353D, -353D(TR)</p>	<p>Recommendable replacement Model G3VM-353G, -353G(TR)</p>
<p>(Top View)</p> 	<p>Same as left</p>

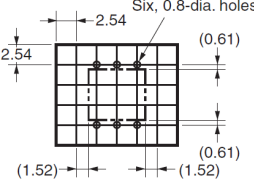
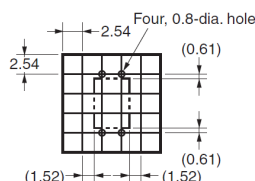
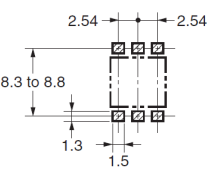
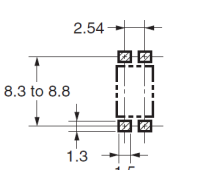
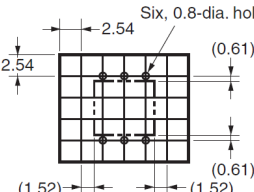
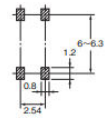
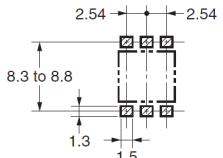
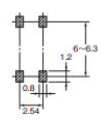
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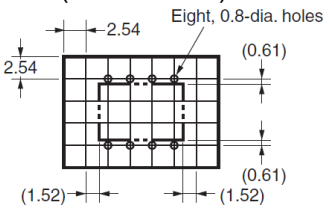
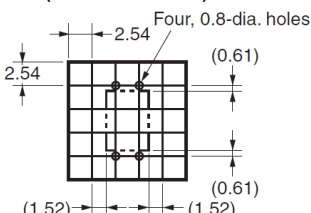
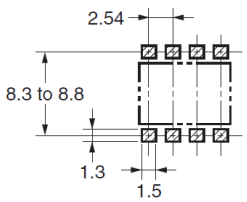
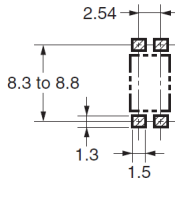
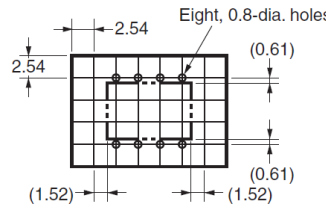
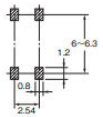
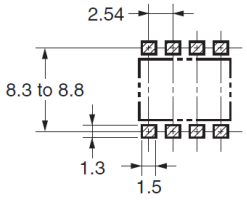
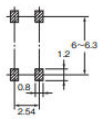
<p>Product discontinuation Model G3VM-21BR, -21ER, -21ER(TR) G3VM-41BR, -41ER, -41ER(TR) G3VM-61BR1, -61ER1, -61ER1(TR) G3VM-101BR, -101ER, -101ER(TR)</p>	<p>Recommendable replacement Model G3VM-31BR, -31ER, -31ER(TR05) G3VM-61BR2, -61ER2, -61ER2(TR05) " G3VM-101BR1, -101ER1, -101ER1(TR05)</p>
<p>(Top View)</p> 	<p>Same as left</p>
<p>Product discontinuation Model G3VM-61BR, -61ER, -61ER(TR)</p>	<p>Recommendable replacement Model G3VM-61BR2, -61ER2, -61ER2(TR05)</p>
<p>(Top View)</p> 	<p>(Top View)</p> 
<p>Product discontinuation Model G3VM-401BY, -401EY, -401EY(TR) G3VM-601BY, -601EY, -601EY(TR) G3VM-61H1, -61H1(TR) G3VM-351H, -351H(TR) G3VM-201H1, -201H1(TR) G3VM-401H, -401H(TR)</p>	<p>Recommendable replacement Model G3VM-401AY1, -401DY1, -401DY1(TR05) G3VM-601AY1, -601DY1, -601DY1(TR05) G3VM-61VY3, -61VY3(TR05) 形G3VM-351VY, -351VY(TR05) 形G3VM-S5, -S5(TR) 形G3VM-401VY, -401VY(TR05)</p>
<p>(Top View)</p> 	<p>(Top View)</p> 
<p>Product discontinuation Model G3VM-353B, -353E, -353E(TR) G3VM-353H, -353H(TR)</p>	<p>Recommendable replacement Model G3VM-353G, -353G(TR) "</p>
<p>(Top View)</p> 	<p>(Top View)</p> 

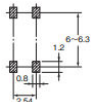
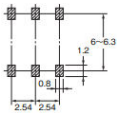
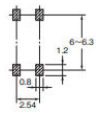
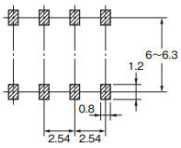
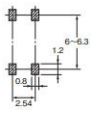
<p>Product discontinuation Model G3VM-WL, -WFL, -WFL(TR) G3VM-202J1, -202J1(TR) G3VM-62J1, -62J1(TR) G3VM-352J, -352J(TR) G3VM-402J, -402J(TR)</p>	<p>Recommendable replacement Model G3VM-351AY1, -351DY1, -351DY1(TR05) G3VM-201G1, -201G1(TR) G3VM-61VY2, -61VY2(TR) G3VM-351VY, -351VY(TR05) G3VM-401VY, -401VY(TR05)</p>
<p>(Top View)</p> 	<p>Use 2 pcs.</p> <p>(Top View)</p> 
<p>Product discontinuation Model G3VM-355CR, -355FR, -355FR(TR) G3VM-355JR, -355JR(TR)</p>	<p>Recommendable replacement Model G3VM-401VY + G3VM-353G, " , G3VM-401VY(TR05) + G3VM-353G(TR)</p>
<p>(Top View)</p> 	<p>Use 2 pcs.</p> <p>(Top View)</p> 
<p>Product discontinuation Model G3VM-354C, -354F, -354F(TR) G3VM-354J, -354J(TR)</p>	<p>Recommendable replacement Model G3VM-353G, -353G(TR) "</p>
<p>(Top View)</p> 	<p>Use 2 pcs.</p> <p>(Top View)</p> 

<p>Product discontinuation Model G3VM-2L G3VM-21AR G3VM-41AR G3VM-61AR G3VM-101AR</p>	<p>Recommendable replacement Model G3VM-351AY1 G3VM-31AR G3VM-61AR1 " G3VM-101AR1</p>
<p>(Bottom View)</p> 	<p>Same as left</p>
<p>Product discontinuation Model G3VM-2FL, -2FL(TR) G3VM-21DR, -21DR(TR) G3VM-41DR, -41DR(TR) G3VM-61DR, -61DR(TR) G3VM-101DR, -101DR(TR)</p>	<p>Recommendable replacement Model G3VM-351DY1, -351DY1(TR05) G3VM-31DR, -31DR(TR05), G3VM-61DR1, -61DR1(TR05) " G3VM-101DR1, -101DR1(TR05)</p>
<p>(Top View)</p> 	<p>Same as left</p>
<p>Product discontinuation Model G3VM-353A</p>	<p>Recommendable replacement Model G3VM-353G</p>
<p>(Bottom View)</p> 	<p>(Top View)</p> 
<p>Product discontinuation Model G3VM-353D, -353D(TR)</p>	<p>Recommendable replacement Model G3VM-353G, -353G(TR)</p>
<p>(Top View)</p> 	<p>(Top View)</p> 

<p>Product discontinuation Model G3VM-21BR G3VM-41BR G3VM-61BR1 G3VM-101BR</p>	<p>Recommendable replacement Model G3VM-31BR G3VM-61BR2 " G3VM-101BR1</p>
<p>(Bottom View)</p>  <p>Six, 0.8-dia. holes</p>	<p>Same as left</p>
<p>Product discontinuation Model G3VM-21ER, -21ER(TR) G3VM-41ER, -41ER(TR) G3VM-61ER1, -61ER1(TR) G3VM-101ER, -101ER(TR)</p>	<p>Recommendable replacement Model G3VM-31ER, -31ER(TR05) G3VM-61ER2, -61ER2(TR05) " G3VM-101ER1, -101ER1(TR05)</p>
<p>(Top View)</p> 	<p>Same as left</p>
<p>Product discontinuation Model G3VM-61BR</p>	<p>Recommendable replacement Model G3VM-61BR2</p>
<p>(Bottom View)</p>  <p>6-φ0.8穴</p>	<p>(Bottom View)</p>  <p>Six, 0.8-dia. holes</p>
<p>Product discontinuation Model G3VM-61ER, -61ER(TR)</p>	<p>Recommendable replacement Model G3VM-61ER2, -61ER2(TR05)</p>
<p>(Top View)</p> 	<p>(Top View)</p> 

<p align="center">Product discontinuation Model G3VM-401BY G3VM-601BY</p>	<p align="center">Recommendable replacement Model G3VM-401AY1 G3VM-601AY1</p>
<p align="center">(Bottom View)</p>  <p align="center">Six, 0.8-dia. holes</p>	<p align="center">(Bottom View)</p>  <p align="center">Four, 0.8-dia. holes</p>
<p align="center">Product discontinuation Model G3VM-401EY, -401EY(TR) G3VM-601EY, -601EY(TR)</p>	<p align="center">Recommendable replacement Model G3VM-401DY1, -401DY1(TR05) G3VM-601DY1, -601DY1(TR05)</p>
<p align="center">(Top View)</p> 	<p align="center">(Top View)</p> 
<p align="center">Product discontinuation Model G3VM-353B</p>	<p align="center">Recommendable replacement Model G3VM-353G</p>
<p align="center">(Bottom View)</p>  <p align="center">Six, 0.8-dia. holes</p>	<p align="center">(Top View)</p> 
<p align="center">Product discontinuation Model G3VM-353E, -353E(TR)</p>	<p align="center">Recommendable replacement Model G3VM-353G, -353G(TR)</p>
<p align="center">(Top View)</p> 	<p align="center">(Top View)</p> 

<p>Product discontinuation Model G3VM-WL</p>	<p>Recommendable replacement Model G3VM-351AY1</p>
<p>(Bottom View)</p>  <p>Eight, 0.8-dia. holes</p>	<p>(Bottom View)</p>  <p>Four, 0.8-dia. holes</p> <p>Use 2 pcs.</p>
<p>Product discontinuation Model G3VM-WFL, -WFL(TR)</p>	<p>Recommendable replacement Model G3VM-351DY1, -351DY1(TR05)</p>
<p>(Top View)</p> 	<p>(Top View)</p>  <p>Use 2 pcs.</p>
<p>Product discontinuation Model G3VM-355CR G3VM-354C</p>	<p>Recommendable replacement Model G3VM-401VY + G3VM-353G G3VM-353G</p>
<p>(Bottom View)</p>  <p>Eight, 0.8-dia. holes</p>	<p>(Top View)</p>  <p>Use 2 pcs.</p>
<p>Product discontinuation Model G3VM-355FR, -355FR(TR) G3VM-354F, -354F(TR)</p>	<p>Recommendable replacement Model G3VM-401VY + G3VM-353G, G3VM-401VY(TR05) + G3VM-353G(TR) G3VM-353G, -353G(TR)</p>
<p>(Top View)</p> 	<p>(Top View)</p>  <p>Use 2 pcs.</p>

<p>Product discontinuation Model G3VM-351G1, -351G1(TR) G3VM-351GL, -351GL(TR) G3VM-201G, -201G(TR) G3VM-41GR4, -41GR4(TR) G3VM-81GR, -81GR(TR) G3VM-81G1, -81G1(TR) G3VM-21GR, -21GR(TR) G3VM-21GR1, -21GR1(TR)</p>	<p>Recommendable replacement Model G3VM-351VY1, -351VY1(TR05) " " G3VM-S5, -S5(TR) G3VM-41GR5, -41GR5(TR) G3VM-81GR1, -81GR1(TR) " " G3VM-41GR5, -41GR5(TR) " "</p>
<p>(Top View)</p> 	<p>Same as left</p>
<p>Product discontinuation Model G3VM-61H1, -61H1(TR) G3VM-351H, 351H(TR) G3VM-201H1, 201H1(TR) G3VM-401H, -401H(TR) G3VM-353H, 353H(TR)</p>	<p>Recommendable replacement Model G3VM-61VY3, -61VY3(TR05) G3VM-351VY, -351VY(TR05) G3VM-S5, -S5(TR) G3VM-401VY, -401VY(TR05) G3VM-353G, -353G(TR)</p>
<p>(Top View)</p> 	<p>(Top View)</p> 
<p>Product discontinuation Model G3VM-202J1, 202J1(TR) G3VM-62J1, -62J1(TR) G3VM-352J, -352J(TR) G3VM-402J, -402J(TR) G3VM-355JR, -355JR(TR) G3VM-354J, -354J(TR)</p>	<p>Recommendable replacement Model G3VM-201G1, -201G1(TR) G3VM-61VY2, -61VY2(TR05) G3VM-351VY, -351VY(TR05) G3VM-401VY, -401VY(TR05) G3VM-401VY+G3VM-353G G3VM-401VY(TR05)+G3VM-353G(TR) G3VM-353G, -353G(TR)</p>
<p>(Top View)</p> 	<p>(Top View)</p>  <p>Use 2 pcs.</p>

[Characteristics / Operation ratings]

Item			Product Discontinuation			Recommended Replacement			
			G3VM-101AR	G3VM-101DR G3VM-101DR(TR)		G3VM-101AR1	G3VM-101DR1 G3VM-101DR1(TR05)		
Type									
Package			DIP4			DIP4			
Contact form			1a(SPST-NO)			1a(SPST-NO)			
Terminal structure			PCB Terminals	Surface-mounting Terminals		PCB Terminals	Surface-mounting Terminals		
Absolute maximum Rating			Symbol	Unit	Rating		Rating		
Input	LED forward current	I_F	mA	30		30			
	LED reverse voltage	V_R	V	5		6			
Output	Load Voltage(AC/DC)	V_{OFF}	V	100		100			
	Continuous load current	I_O	A	1		2			
Dielectric strength between input and output			V_{LO}	Vrms	2,500		2,500		
Operating Temperature			T_a	°C	-40	~	+ 85	-40 ~ + 110	
Storage Temperature			T_{stg}	°C	-55	~	+ 125	-55 ~ + 125	
Electrical Characteristics			Symbol	Unit	Min.	Typ.	Max	Min. Typ. Max	
Input	LED Forward voltage	V_F	V	1.18	1.33	1.48	1.5	1.64	1.8
	Trigger LED Forward Current	I_{FT}	mA	-	0.5	3	-	0.4	3
	Release LED Forward Current	I_{FC}	mA	0.1	-	-	0.1	-	-
Output	Maximum resistance with output ON	R_{ON}	mΩ	-	250	700	-	110	200
	Current leakage when the relay is open	I_{LEAK}	nA	-	-	1000	-	10	1000
	Capacitance between terminals	C_{OFF}	pF	-	200	-	-	110	-
Capacitance between I/O terminals			C_{LO}	pF	-	0.8	-	0.8	-
Insulation resistance between I/O terminals			R_{LO}	MΩ	1000	1.00E+08	-	1000	1.00E+08
Turn-ON time			t_{ON}	ms	-	0.8	5	0.4	2
Turn-OFF time			t_{OFF}	ms	-	0.3	1	0.2	0.5

[Characteristics / Operation ratings]

Item			Product Discontinuation			Recommended Replacement		
			G3VM-101BR	G3VM-101ER G3VM-101ER(TR)		G3VM-101BR1	G3VM-101ER1 G3VM-101ER1(TR05)	
Type								
Package			DIP6			DIP6		
Contact form			1a(SPST-NO)			1a(SPST-NO)		
Terminal structure			PCB Terminals	Surface-mounting Terminals		PCB Terminals	Surface-mounting Terminals	
Absolute maximum Rating			Symbol	Unit	Rating		Rating	
Input	LED forward current		I_F	mA	30		30	
	LED reverse voltage		V_R	V	5		6	
Output	Load Voltage(AC/DC)		V_{OFF}	V	100		100	
	Continuous load current	Connection A	I_O	A	2		3.5	
		Connection B			2		3.5	
Connection C		4			7			
Dielectric strength between input and output			V_{LO}	Vrms	2500		2500	
Operating Temperature			T_a	°C	-40	~	+ 85	-40 ~ + 110
Storage Temperature			T_{stg}	°C	-55	~	+ 125	-55 ~ + 125
Electrical Characteristics			Symbol	Unit	Min.	Typ.	Max	Min. Typ. Max
Input	LED Forward voltage		V_F	V	1.18	1.33	1.48	1.5 1.64 1.8
	Trigger LED Forward Current		I_{FT}	mA	-	0.5	3	- 0.2 3
	Release LED Forward Current		I_{FC}	mA	0.1	-	-	0.01 - -
Output	Maximum resistance with output ON	Connection A	R_{ON}	mΩ	-	100	200	- 50 80
		Connection B			-	50	-	- 24 -
		Connection C			-	25	-	- 12 -
Current leakage when the relay is open			I_{LEAK}	uA	-	-	1000	- 10 1000
Capacitance between terminals			C_{OFF}	pF	-	1000	-	- 450 -
Capacitance between I/O terminals			C_{LO}	pF	-	0.8	-	- 0.8 -
Insulation resistance between I/O terminals			R_{LO}	MΩ	1000	1.00E+08	-	1000 1.00E+08 -
Turn-ON time			t_{ON}	ms	-	2	5	- 0.8 5
Turn-OFF time			t_{OFF}	ms	-	0.1	1	- 0.1 0.5

[Characteristics / Operation ratings]

Item				Product Discontinuation			Recommended Replacement			
				G3VM-201G	G3VM-201G(TR)		G3VM-S5	G3VM-S5(TR)		
Type										
Package				SOP4			SOP4			
Contact form				1a(SPST-NO)			1a(SPST-NO)			
Terminal structure				Surface-mounting Terminals			Surface-mounting Terminals			
Absolute maximum Rating			Symbol	Unit	Rating			Rating		
Input	LED forward current		I_F	mA	50			50		
	LED reverse voltage		V_R	V	5			5		
Output	Load Voltage(AC/DC)		V_{OFF}	V	200			200		
	Continuous load current		I_O	mA	50			200		
Dielectric strength between input and output			V_{IO}	Vrms	1,500			1,500		
Operating Temperature			T_a	°C	-40	~	+ 85	-40	~ + 85	
Storage Temperature			T_{stg}	°C	-55	~	+ 125	-55	~ + 100	
Electrical Characteristics			Symbol	Unit	Min.	Typ.	Max	Min.	Typ.	Max
Input	LED Forward voltage		V_F	V	1	1.15	1.3	1.1	1.15	1.3
	Trigger LED Forward Current		I_{FT}	mA	-	1	3	-	1	3
	Release LED Forward Current		I_{FC}	mA	0.1	-	-	0.1	-	-
Output	Maximum resistance with output ON		R_{ON}	Ω	-	40	50	-	5	8
	Current leakage when the relay is open		I_{LEAK}	nA	-	-	1	-	-	1000
	Capacitance between terminals		C_{OFF}	pF	-	15	20	-	100	-
Capacitance between I/O terminals			C_{IO}	pF	-	0.8	-	-	0.8	-
Insulation resistance between I/O terminals			R_{IO}	M Ω	1000	1.00E+08	-	1000	1.00E+08	-
Turn-ON time			t_{ON}	ms	-	-	0.5	-	0.6	1.5
Turn-OFF time			t_{OFF}	ms	-	-	0.2	-	0.1	1

[Characteristics / Operation ratings]

Item			Product Discontinuation			Recommended Replacement				
			G3VM-201H1	G3VM-201H1(TR)	G3VM-S5	G3VM-S5(TR)				
Type										
Package			SOP6			SOP4				
Contact form			1a(SPST-NO)			1a(SPST-NO)				
Terminal structure			Surface-mounting Terminals			Surface-mounting Terminals				
Absolute maximum Rating			Symbol	Unit	Rating		Rating			
Input	LED forward current		I_F	mA	50		50			
	LED reverse voltage		V_R	V	5		5			
Output	Load Voltage(AC/DC)		V_{OFF}	V	200		200			
	Continuous load current	Connection A	I_O	mA	200		200			
		Connection B			200		-			
Connection C		400			-					
Dielectric strength between input and output			V_{LO}	Vrms	1,500		1,500			
Operating Temperature			T_a	°C	-40	~	+ 85	-40	~	+ 100
Storage Temperature			T_{sig}	°C	-55	~	+ 125	-55	~	+ 125
Electrical Characteristics			Symbol	Unit	Min.	Typ.	Max	Min.	Typ.	Max
Input	LED Forward voltage		V_F	V	1	1.15	1.3	1	1.15	1.3
	Trigger LED Forward Current		I_{FT}	mA	-	1	3	-	1	3
	Release LED Forward Current		I_{FC}	mA	0.1	-	-	0.1	-	-
Output	Maximum resistance with output ON	Connection A	R_{ON}	Ω	-	5	8	-	5	8
		Connection B			-	3	5	-	-	-
		Connection C			-	1.5	-	-	-	-
Current leakage when the relay is open			I_{LEAK}	nA	-	-	1000	-	1	1000
Capacitance between terminals			C_{OFF}	pF	-	100	-	-	100	-
Capacitance between I/O terminals			C_{LO}	pF	-	0.8	-	-	0.8	-
Insulation resistance between I/O terminals			R_{LO}	M Ω	1000	1.00E+08	-	1000	1.00E+08	-
Turn-ON time			t_{ON}	ms	-	0.6	1.5	-	0.6	1.5
Turn-OFF time			t_{OFF}	ms	-	0.1	1	-	0.1	1

[Characteristics / Operation ratings]

Item			Product Discontinuation			Recommended Replacement		
			G3VM-202J1	G3VM-202J1(TR)		G3VM-201G1	G3VM-201G1(TR)	
Use 2 pcs. each								
Type								
Package			SOP8			SOP4		
Contact form			2a(DPST-NO)			1a(SPST-NO)		
Terminal structure			Surface-mounting Terminals			Surface-mounting Terminals		
Absolute maximum Rating			Symbol	Unit	Rating		Rating	
Input	LED forward current		I_F	mA	50		50	
	LED reverse voltage		V_R	V	5		5	
Output	Load Voltage(AC/DC)		V_{OFF}	V	200		200	
	Continuous load current		I_O	mA	200		200	
Dielectric strength between input and output			V_{LO}	Vrms	1,500		1,500	
Operating Temperature			T_a	°C	-40	~	+ 85	-40 ~ + 85
Storage Temperature			T_{stg}	°C	-55	~	+ 125	-55 ~ + 125
Electrical Characteristics			Symbol	Unit	Min.	Typ.	Max	Min. Typ. Max
Input	LED Forward voltage		V_F	V	1	1.15	1.3	1.1 1.15 1.3
	Trigger LED Forward Current		I_{FT}	mA	-	1	3	- 0.4 1
	Release LED Forward Current		I_{FC}	mA	0.1	-	-	0.1 - -
Output	Maximum resistance with output ON		R_{ON}	Ω	-	5	8	- 5 8
	Current leakage when the relay is open		I_{LEAK}	nA	-	-	1000	- 1 1000
	Capacitance between terminals		C_{OFF}	pF	-	100	-	- 90 -
Capacitance between I/O terminals			C_{LO}	pF	-	0.8	-	- 0.8 -
Insulation resistance between I/O terminals			R_{LO}	M Ω	1000	1.00E+08	-	1000 1.00E+08 -
Turn-ON time			t_{ON}	ms	-	0.6	1.5	- 3 8
Turn-OFF time			t_{OFF}	ms	-	0.1	1	- 0.6 3

[Characteristics / Operation ratings]

Item			Product Discontinuation			Recommended Replacement		
			G3VM-21AR	G3VM-21DR G3VM-21DR(TR)		G3VM-31AR	G3VM-31DR G3VM-31DR(TR05)	
Type								
Package			DIP4			DIP4		
Contact form			1a(SPST-NO)			1a(SPST-NO)		
Terminal structure			PCB Terminals	Surface-mounting Terminals		PCB Terminals	Surface-mounting Terminals	
Absolute maximum Rating			Symbol	Unit	Rating		Rating	
Input	LED forward current		I_F	mA	30		30	
	LED reverse voltage		V_R	V	5		6	
Output	Load Voltage(AC/DC)		V_{OFF}	V	20		30	
	Continuous load current		I_O	A	3		4	
Dielectric strength between input and output			V_{LO}	Vrms	2,500		2,500	
Operating Temperature			T_a	°C	-40	~	+ 85	-40 ~ + 110
Storage Temperature			T_{stg}	°C	-55	~	+ 125	-55 ~ + 125
Electrical Characteristics			Symbol	Unit	Min.	Typ.	Max	Min. Typ. Max
Input	LED Forward voltage		V_F	V	1.18	1.33	1.48	1.5 1.64 1.8
	Trigger LED Forward Current		I_{FT}	mA	-	0.7	3	- 0.3 3
	Release LED Forward Current		I_{FC}	mA	0.1	-	-	0.1 - -
Output	Maximum resistance with output ON		R_{ON}	mΩ	-	40	80	- 25 50
	Current leakage when the relay is open		I_{LEAK}	nA	-	-	1000	- 10 1000
	Capacitance between terminals		C_{OFF}	pF	-	300	-	- 450 -
Capacitance between I/O terminals			C_{LO}	pF	-	0.8	-	- 0.8 -
Insulation resistance between I/O terminals			R_{LO}	MΩ	1000	1.00E+08	-	1000 1.00E+08 -
Turn-ON time			t_{ON}	ms	-	1	5	- 0.6 3
Turn-OFF time			t_{OFF}	ms	-	0.3	1	- 0.3 1

[Characteristics / Operation ratings]

Item			Product Discontinuation			Recommended Replacement				
			G3VM-21BR	G3VM-21ER G3VM-21ER(TR)		G3VM-31BR	G3VM-31ER G3VM-31ER(TR05)			
Type										
Package			DIP6			DIP6				
Contact form			1a(SPST-NO)			1a(SPST-NO)				
Terminal structure			PCB Terminals	Surface-mounting Terminals		PCB Terminals	Surface-mounting Terminals			
Absolute maximum Rating		Symbol	Unit	Rating			Rating			
Input	LED forward current	I_F	mA	30			30			
	LED reverse voltage	V_R	V	5			6			
Output	Load Voltage(AC/DC)	V_{OFF}	V	20			30			
	Continuous load current	Connection A	I_O	A	4			5		
		Connection B			4			5		
		Connection C			8			10		
Dielectric strength between input and output		V_{iO}	Vrms	2,500			2,500			
Operating Temperature		T_a	°C	-40	~	+ 85	-40	~ + 110		
Storage Temperature		T_{sig}	°C	-55	~	+ 125	-55	~ + 125		
Electrical Characteristics		Symbol	Unit	Min.	Typ.	Max	Min.	Typ.	Max	
Input	LED Forward voltage	V_F	V	1.18	1.33	1.48	1.5	1.64	1.8	
	Trigger LED Forward Current	I_{FT}	mA	-	0.5	3	-	0.2	3	
	Release LED Forward Current	I_{FC}	mA	0.1	-	-	0.01	-	-	
Output	Maximum resistance with output ON	Connection A	R_{ON}	mΩ	-	20	50	-	20	40
		Connection B			-	10	1	-	10	-
		Connection C			-	5	-	-	5	-
	Current leakage when the relay is open	I_{LEAK}	nA	-	-	1000	-	10	1000	
Capacitance between terminals		C_{OFF}	pF	-	1000	-	-	1100	-	
Capacitance between I/O terminals		C_{iO}	pF	-	0.8	-	-	0.8	-	
Insulation resistance between I/O terminals		R_{iO}	MΩ	1000	1.00E+08	-	1000	1.00E+08	-	
Turn-ON time		t_{ON}	ms	-	2.5	5	-	0.8	5	
Turn-OFF time		t_{OFF}	ms	-	0.1	1	-	0.1	0.5	

[Characteristics / Operation ratings]

Item				Product Discontinuation			Recommended Replacement				
				G3VM-21GR	G3VM-21GR(TR)		G3VM-41GR5	G3VM-41GR5(TR)			
Type											
Package				SOP4			SOP4				
Contact form				1a(SPST-NO)			1a(SPST-NO)				
Terminal structure				Surface-mounting Terminals			Surface-mounting Terminals				
Absolute maximum Rating				Symbol	Unit	Rating			Rating		
Input	LED forward current			I_F	mA	50			30		
	LED reverse voltage			V_R	V	5			5		
Output	Load Voltage(AC/DC)			V_{OFF}	V	20			40		
	Continuous load current			I_O	mA	160			300		
Dielectric strength between input and output				V_{LO}	Vrms	1,500			1,500		
Operating Temperature				T_a	°C	-20	~	+ 85	-40	~ + 85	
Storage Temperature				T_{stg}	°C	-40	~	+ 125	-55	~ + 125	
Electrical Characteristics				Symbol	Unit	Min.	Typ.	Max	Min.	Typ.	Max
Input	LED Forward voltage			V_F	V	1	1.15	1.3	1	1.15	1.3
	Trigger LED Forward Current			I_{FT}	mA	-	-	4	-	-	3
	Release LED Forward Current			I_{FC}	mA	0.2	-	-	0.1	-	-
Output	Maximum resistance with output ON			R_{ON}	Ω	-	5	8	-	1	1.5
	Current leakage when the relay is open			I_{LEAK}	nA	-	-	1	-	-	1
	Capacitance between terminals			C_{OFF}	pF	-	1	2.5	-	10	14
Capacitance between I/O terminals				C_{LO}	pF	-	0.8	-	-	0.8	-
Insulation resistance between I/O terminals				R_{LO}	M Ω	1000	1.00E+08	-	1000	1.00E+08	-
Turn-ON time				t_{ON}	ms	-	-	0.5	-	-	0.5
Turn-OFF time				t_{OFF}	ms	-	-	0.5	-	-	0.5

[Characteristics / Operation ratings]

Item				Product Discontinuation			Recommended Replacement		
				G3VM-21GR1	G3VM-21GR1(TR)		G3VM-41GR5	G3VM-41GR5(TR)	
Type									
Package				SOP4			SOP4		
Contact form				1a(SPST-NO)			1a(SPST-NO)		
Terminal structure				Surface-mounting Terminals			Surface-mounting Terminals		
Absolute maximum Rating				Symbol	Unit	Rating		Rating	
Input	LED forward current			I_F	mA	50		50	
	LED reverse voltage			V_R	V	5		5	
Output	Load Voltage(AC/DC)			V_{OFF}	V	20		40	
	Continuous load current			I_O	mA	300		300	
Dielectric strength between input and output				V_{LO}	Vrms	1,500		1,500	
Operating Temperature				T_a	°C	-20	~	+ 85	-20 ~ + 85
Storage Temperature				T_{stg}	°C	-55	~	+ 125	-40 ~ + 125
Electrical Characteristics				Symbol	Unit	Min.	Typ.	Max	Min. Typ. Max
Input	LED Forward voltage			V_F	V	1	1.15	1.3	1 1.15 1.3
	Trigger LED Forward Current			I_{FT}	mA	-	-	4	- - 4
	Release LED Forward Current			I_{FC}	mA	0.2	-	-	0.2 - -
Output	Maximum resistance with output ON			R_{ON}	Ω	-	1	1.5	- 1 1.5
	Current leakage when the relay is open			I_{LEAK}	μA	-	-	1	- - 1
	Capacitance between terminals			C_{OFF}	pF	-	5	12	- 10 14
Capacitance between I/O terminals				C_{LO}	pF	-	0.8	-	- 0.8 -
Insulation resistance between I/O terminals				R_{LO}	M Ω	1000	1.00E+08	-	1000 1.00E+08 -
Turn-ON time				t_{ON}	ms	-	-	0.5	- - 0.5
Turn-OFF time				t_{OFF}	ms	-	-	0.5	- - 0.5

[Characteristics / Operation ratings]

Item	Product Discontinuation			Recommended Replacement			
	G3VM-2L	G3VM-2FL G3VM-2FL(TR)		G3VM-351AY1	G3VM-351DY1 G3VM-351DY1(TR05)		
Type							
Package		DIP4			DIP4		
Contact form		1a(SPST-NO)			1a(SPST-NO)		
Terminal structure		PCB Terminals	Surface-mounting Terminals		PCB Terminals	Surface-mounting Terminals	
Absolute maximum Rating		Symbol	Unit	Rating		Rating	
Input	LED forward current	I_F	mA	50		30	
	LED reverse voltage	V_R	V	5		5	
Output	Load Voltage(AC/DC)	V_{OFF}	V	350		350	
	Continuous load current	I_O	mA	120		100	
Dielectric strength between input and output		V_{LO}	Vrms	2,500		5,000	
Operating Temperature		T_a	°C	-40	~	+ 85	-40 ~ + 85
Storage Temperature		T_{sig}	°C	-55	~	+ 125	-55 ~ + 125
Electrical Characteristics		Symbol	Unit	Min.	Typ.	Max	Min. Typ. Max
Input	LED Forward voltage	V_F	V	1	1.15	1.3	1.1 1.27 1.4
	Trigger LED Forward Current	I_{FT}	mA	-	1	3	- 0.6 3
	Release LED Forward Current	I_{FC}	mA	0.1	-	-	0.1 - -
Output	Maximum resistance with output ON	R_{ON}	Ω	-	22	35	- 35(25) 50(35)
	Current leakage when the relay is open	I_{LEAK}	nA	-	-	1000	- - 1000
	Capacitance between terminals	C_{OFF}	pF	-	30	-	- 30 -
Limmit current		I_{LIM}	mA	150	-	300	- - -
Capacitance between I/O terminals		C_{LO}	pF	-	0.8	-	- 0.8 -
Insulation resistance between I/O terminals		R_{LO}	M Ω	1000	1.00E+08	-	1000 1.00E+08 -
Turn-ON time		t_{ON}	ms	-	0.3	1	- 0.3 2
Turn-OFF time		t_{OFF}	ms	-	0.1	1	- 0.1 1

Item			Product Discontinuation			Recommended Replacement				
			G3VM-351G1	G3VM-351G1(TR)		G3VM-351VY	G3VM-351VY(TR05)			
Type										
Package			SOP4			Special SOP4				
Contact form			1a(SPST-NO)			1a(SPST-NO)				
Terminal structure			Surface-mounting Terminals			Surface-mounting Terminals				
Absolute maximum Rating			Symbol	Unit	Rating		Rating			
Input	LED forward current		I_F	mA	50		30			
	LED reverse voltage		V_R	V	5		6			
Output	Load Voltage(AC/DC)		V_{OFF}	V	350		350			
	Continuous load current		I_O	mA	100		110			
Dielectric strength between input and output			V_{IO}	Vrms	1,500		3,750			
Operating Temperature			T_a	°C	-40	~	+ 85	-40 ~ + 110		
Storage Temperature			T_{stg}	°C	-55	~	+ 125	-55 ~ + 125		
Electrical Characteristics			Symbol	Unit	Min.	Typ.	Max	Min.	Typ.	Max
Input	LED Forward voltage		V_F	V	1	1.15	1.3	1.1	1.27	1.4
	Trigger LED Forward Current		I_{FT}	mA	-	0.4	1	-	0.8	3
	Release LED Forward Current		I_{FC}	mA	0.1	-	-	0.1	0.4	-
Output	Maximum resistance with output ON		R_{ON}	Ω	-	35(25)	50(35)	-	35(22)	50(35)
	Current leakage when the relay is open		I_{LEAK}	nA	-	1	1000	-	1	1000
	Capacitance between terminals		C_{OFF}	pF	-	35	-	-	30	-
Capacitance between I/O terminals			C_{IO}	pF	-	0.8	-	-	0.8	-
Insulation resistance between I/O terminals			R_{IO}	MΩ	1000	1.00E+08	-	1000	1.00E+08	-
Turn-ON time			t_{ON}	ms	-	1	5	-	0.5	1
Turn-OFF time			t_{OFF}	ms	-	1	3	-	0.1	0.5

Item				Product Discontinuation			Recommended Replacement				
				G3VM-351GL	G3VM-351GL(TR)		G3VM-351VY	G3VM-351VY(TR05)			
Type											
Package				SOP4			Special SOP4				
Contact form				1a(SPST-NO)			1a(SPST-NO)				
Terminal structure				Surface-mounting Terminals			Surface-mounting Terminals				
Absolute maximum Rating				Symbol	Unit	Rating		Rating			
Input	LED forward current			I_F	mA	50		30			
	LED reverse voltage			V_R	V	5		6			
Output	Load Voltage(AC/DC)			V_{OFF}	V	350		350			
	Continuous load current			I_O	mA	120		110			
Dielectric strength between input and output				V_{IO}	Vrms	1,500		3,750			
Operating Temperature				T_a	°C	-40	~	+ 85	-40	~ + 110	
Storage Temperature				T_{sig}	°C	-55	~	+ 125	-55	~ + 125	
Electrical Characteristics				Symbol	Unit	Min.	Typ.	Max	Min.	Typ.	Max
Input	LED Forward voltage			V_F	V	1	1.15	1.3	1.1	1.27	1.4
	Trigger LED Forward Current			I_{FT}	mA	-	1	3	-	0.8	3
	Release LED Forward Current			I_{FC}	mA	0.1	-	-	0.1	0.4	-
Output	Maximum resistance with output ON			R_{ON}	Ω	-	15	35	-	35(22)	50(35)
	Current leakage when the relay is open			I_{LEAK}	nA	-	-	1000	-	1	1000
	Capacitance between terminals			C_{OFF}	pF	-	70	-	-	30	-
Limmit current				I_{LM}	mA	150	-	300	-	-	-
Capacitance between I/O terminals				C_{IO}	pF	-	0.8	-	-	0.8	-
Insulation resistance between I/O terminals				R_{IO}	MΩ	1000	1.00E+08	-	1000	1.00E+08	-
Turn-ON time				t_{ON}	ms	-	0.3	1	-	0.5	1
Turn-OFF time				t_{OFF}	ms	-	0.1	1	-	0.1	0.5

Item	Product Discontinuation			Recommended Replacement						
	G3VM-351H	G3VM-351H(TR)		G3VM-351VY	G3VM-351VY(TR05)					
Type										
Package		SOP6			Special SOP4					
Contact form		1a(SPST-NO)			1a(SPST-NO)					
Terminal structure		Surface-mounting Terminals			Surface-mounting Terminals					
Absolute maximum Rating		Symbol	Unit	Rating		Rating				
Input	LED forward current	I_F	mA	50		30				
	LED reverse voltage	V_R	V	5		6				
Output	Load Voltage(AC/DC)	V_{OFF}	V	350		350				
	Continuous load current	Connection A	I_O	mA	110		110			
		Connection B			110		-			
		Connection C			220		-			
Dielectric strength between input and output		V_{LO}	Vrms	1,500		3,750				
Operating Temperature		T_a	°C	-40	~ + 85	-40 ~ + 110				
Storage Temperature		T_{stg}	°C	-55	~ + 125	-55 ~ + 125				
Electrical Characteristics		Symbol	Unit	Min.	Typ.	Max	Min.	Typ.	Max	
Input	LED Forward voltage	V_F	V	1	1.15	1.3	1.1	1.27	1.4	
	Trigger LED Forward Current	I_{FT}	mA	-	1	3	-	0.8	3	
	Release LED Forward Current	I_{FC}	mA	0.1	-	-	0.1	0.4	-	
Output	Maximum resistance with output ON	Connection A	R_{ON}	Ω	-	35(25)	50(35)	-	35(22)	50(35)
		Connection B			-	28	40	-	-	-
		Connection C			-	14	20	-	-	-
	Current leakage when the relay is open	I_{LEAK}	nA	-	-	1000	-	1	1000	
Capacitance between terminals		C_{OFF}	pF	-	30	-	-	30	-	
Capacitance between I/O terminals		C_{LO}	pF	-	0.8	-	-	0.8	-	
Insulation resistance between I/O terminals		R_{LO}	M Ω	1000	1.00E+08	-	1000	1.00E+08	-	
Turn-ON time		t_{ON}	ms	-	0.3	1	-	0.5	1	
Turn-OFF time		t_{OFF}	ms	-	0.1	1	-	0.1	0.5	

Item	Product Discontinuation				Recommended Replacement			
	G3VM-352J		G3VM-352J(TR)		G3VM-351VY		G3VM-351VY(TR05)	
	Use 2 pcs. each							
Type								
Package			SOP8			Special SOP4		
Contact form			2a(DPST-NO)			1a(SPST-NO)		
Terminal structure			Surface-mounting Terminals			Surface-mounting Terminals		
Absolute maximum Rating			Symbol	Unit	Rating		Rating	
Input	LED forward current		I_F	mA	50		30	
	LED reverse voltage		V_R	V	5		6	
Output	Load Voltage(AC/DC)		V_{OFF}	V	350		350	
	Continuous load current		I_O	mA	110		110	
Dielectric strength between input and output			V_{I-O}	Vrms	1,500		3,750	
Operating Temperature			T_a	°C	-40	~	+ 85	-40 ~ + 110
Storage Temperature			T_{stg}	°C	-55	~	+ 125	-55 ~ + 125
Electrical Characteristics			Symbol	Unit	Min.	Typ.	Max	Min. Typ. Max
Input	LED Forward voltage		V_F	V	1	1.15	1.3	1.1 1.27 1.4
	Trigger LED Forward Current		I_{FT}	mA	-	1	3	- 0.8 3
	Release LED Forward Current		I_{FC}	mA	0.1	-	-	0.1 - -
Output	Maximum resistance with output ON		R_{ON}	Ω	-	35(25)	50(35)	- 35(22) 50(35)
	Current leakage when the relay is open		I_{LEAK}	nA	-	-	1000	- 1 1000
	Capacitance between terminals		C_{OFF}	pF	-	30	-	- 30 -
Capacitance between I/O terminals			C_{I-O}	pF	-	0.8	-	- 0.8 -
Insulation resistance between I/O terminals			R_{I-O}	M Ω	1000	1.00E+08	-	1000 1.00E+08 -
Turn-ON time			t_{ON}	ms	-	0.3	1	- 0.5 1
Turn-OFF time			t_{OFF}	ms	-	0.1	1	- 0.1 0.5

Item	Product Discontinuation			Recommended Replacement					
	G3VM-353A	G3VM-353D G3VM-353D(TR)	G3VM-353G	G3VM-353G(TR)					
Type									
Package		DIP4		SOP4					
Contact form		1b(SPST-NC)		1b (SPST-NC)					
Terminal structure		PCB Terminals	Surface-mounting Terminals	Surface-mounting Terminals					
Absolute maximum Rating		Symbol	Unit	Rating		Rating			
Input	LED forward current	I_F	mA	50		50			
	LED reverse voltage	V_R	V	5		5			
Output	Load Voltage(AC/DC)	V_{OFF}	V	350		350			
	Continuous load current	I_O	mA	150		120			
Dielectric strength between input and output		V_{LO}	Vrms	2,500		1,500			
Operating Temperature		T_a	°C	-40	~	+ 85	-40	~	+ 85
Storage Temperature		T_{slg}	°C	-55	~	+ 125	-55	~	+ 125
Electrical Characteristics		Symbol	Unit	Min.	Typ.	Max	Min.	Typ.	Max
Input	LED Forward voltage	V_F	V	1	1.15	1.3	1	1.15	1.3
	Trigger LED Forward Current	I_{FC}	mA	-	1	3	-	1	3
	Release LED Forward Current	I_{FT}	mA	0.1	-	-	0.1	-	-
Output	Maximum resistance with output ON	R_{ON}	Ω	-	15	25	-	15	25
	Current leakage when the relay is open	I_{LEAK}	μ A	-	-	1	-	-	1
	Capacitance between terminals	C_{OFF}	pF	-	85	-	-	65	-
Capacitance between I/O terminals		C_{LO}	pF	-	0.8	-	-	0.8	-
Insulation resistance between I/O terminals		R_{LO}	M Ω	1000	1.00E+08	-	1000	1.00E+08	-
Turn-ON time		t_{ON}	ms	-	0.1	1	-	-	1
Turn-OFF time		t_{OFF}	ms	-	1	3	-	-	3

Item	Product Discontinuation			Recommended Replacement						
	G3VM-353B	G3VM-353E G3VM-353E(TR)	G3VM-353G	G3VM-353G(TR)						
Type										
Package		DIP6			SOP4					
Contact form		1b(SPST-NC)			1b(SPST-NC)					
Terminal structure		PCB Terminals	Surface-mounting Terminals		Surface-mounting Terminals					
Absolute maximum Rating		Symbol	Unit	Rating		Rating				
Input	LED forward current		I_F	mA	50		50			
	LED reverse voltage		V_R	V	5		5			
Output	Load Voltage(AC/DC)		V_{OFF}	V	350		350			
	Continuous load current	Connection A	I_O	A	150		120			
		Connection B			150		-			
Connection C		300			-					
Dielectric strength between input and output		V_{LO}	Vrms	2,500		1,500				
Operating Temperature		T_a	°C	-40	~	+ 85	-40 ~ + 85			
Storage Temperature		T_{stg}	°C	-55	~	+ 125	-55 ~ + 125			
Electrical Characteristics		Symbol	Unit	Min.	Typ.	Max	Min.	Typ.	Max	
Input	LED Forward voltage		V_F	V	1	1.15	1.3	1	1.15	1.3
	Trigger LED Forward Current		I_{FC}	mA	-	1	3	-	1	3
	Release LED Forward Current		I_{FT}	mA	0.1	-	-	0.1	-	-
Output	Maximum resistance with output ON	Connection A	R_{ON}	Ω	-	15	25	-	15	25
		Connection B			-	8	14	-	-	-
		Connection C			-	4	7	-	-	-
	Current leakage when the relay is open		I_{LEAK}	nA	-	-	1000	-	-	1000
Capacitance between terminals		C_{OFF}	pF	-	85	-	-	65	-	
Capacitance between I/O terminals		C_{LO}	pF	-	0.8	-	-	0.8	-	
Insulation resistance between I/O terminals		R_{LO}	M Ω	1000	1.00E+08	-	1000	1.00E+08	-	
Turn-ON time		t_{ON}	ms	-	0.1	1	-	-	1	
Turn-OFF time		t_{OFF}	ms	-	1	3	-	-	3	

Item			Product Discontinuation			Recommended Replacement		
			G3VM-353H	G3VM-353H(TR)		G3VM-353G	G3VM-353G(TR)	
Type								
Package			SOP6			SOP4		
Contact form			1b(SPST-NC)			1b(SPST-NC)		
Terminal structure			Surface-mounting Terminals			Surface-mounting Terminals		
Absolute maximum Rating			Symbol	Unit	Rating		Rating	
Input	LED forward current		I_F	mA	50		50	
	LED reverse voltage		V_R	V	5		5	
Output	Load Voltage(AC/DC)		V_{OFF}	V	350		350	
	Continuous load current	Connection A	I_O	mA	120		120	
		Connection B			120		-	
Connection C		240			-			
Dielectric strength between input and output			V_{LO}	Vrms	1,500		1,500	
Operating Temperature			T_a	°C	-40	~	+ 85	-40 ~ + 85
Storage Temperature			T_{stg}	°C	-55	~	+ 125	-55 ~ + 125
Electrical Characteristics			Symbol	Unit	Min.	Typ.	Max	Min. Typ. Max
Input	LED Forward voltage		V_F	V	1	1.15	1.3	1 1.15 1.3
	Trigger LED Forward Current		I_{FC}	mA	-	1	3	- 1 3
	Release LED Forward Current		I_{FT}	mA	0.1	-	-	0.1 - -
Output	Maximum resistance with output ON	Connection A	R_{ON}	Ω	-	15	25	- 15 25
		Connection B			-	8	14	- - -
		Connection C			-	4	-	- - -
	Current leakage when the relay is open		I_{LEAK}	nA	-	-	1000	- - 1000
Capacitance between terminals			C_{OFF}	pF	-	65	-	- 65 -
Capacitance between I/O terminals			C_{LO}	pF	-	0.8	-	- 0.8 -
Insulation resistance between I/O terminals			R_{LO}	M Ω	1000	1.00E+08	-	1000 1.00E+08 -
Turn-ON time			t_{ON}	ms	-	-	1	- - 1
Turn-OFF time			t_{OFF}	ms	-	-	3	- - 3

Item	Product Discontinuation				Recommended Replacement			
	G3VM-354C		G3VM-354F G3VM-354F(TR)		G3VM-353G		G3VM-353G(TR)	
					Use 2 pcs			
Type								
Package			DIP8			SOP4		
Contact form			2b(DPST-NC)			1b (SPST-NC)		
Terminal structure			PCB Terminals		Surface-mounting Terminals		Surface-mounting Terminals	
Absolute maximum Rating			Symbol	Unit	Rating		Rating	
Input	LED forward current		I_F	mA	50		50	
	LED reverse voltage		V_R	V	5		5	
Output	Load Voltage(AC/DC)		V_{OFF}	V	350		350	
	Continuous load current		I_O	mA	150		120	
Dielectric strength between input and output			V_{LO}	Vrms	2,500		1,500	
Operating Temperature			T_a	°C	-40	~	+ 85	-40 ~ + 85
Storage Temperature			T_{slg}	°C	-55	~	+ 125	-55 ~ + 125
Electrical Characteristics			Symbol	Unit	Min.	Typ.	Max	Min. Typ. Max
Input	LED Forward voltage		V_F	V	1	1.15	1.3	1 1.15 1.3
	Trigger LED Forward Current		I_{FC}	mA	-	1	3	- 1 3
	Release LED Forward Current		I_{FT}	mA	0.1	-	-	0.1 - -
Output	Maximum resistance with output ON		R_{ON}	Ω	-	15	25	- 15 25
	Current leakage when the relay is open		I_{LEAK}	nA	-	-	1000	- - 1000
	Capacitance between terminals		C_{OFF}	pF	-	85	-	- 65 -
Capacitance between I/O terminals			C_{LO}	pF	-	0.8	-	- 0.8 -
Insulation resistance between I/O terminals			R_{LO}	M Ω	1000	1.00E+08	-	1000 1.00E+08 -
Turn-ON time			t_{ON}	ms	-	0.1	1	- - 1
Turn-OFF time			t_{OFF}	ms	-	1	3	- - 3

[Characteristics / Operation ratings]

Item			Product Discontinuation			Recommended Replacement		
			G3VM-354J	G3VM-354J(TR)		G3VM-353G	G3VM-353G(TR)	
Use 2 pcs								
Type								
Package			SOP8			SOP4		
Contact form			2b (DPST-NC)			1b (SPST-NC)		
Terminal structure			Surface-mounting Terminals			Surface-mounting Terminals		
Absolute maximum Rating			Symbol	Unit	Rating		Rating	
Input	LED forward current		I_F	mA	50		50	
	LED reverse voltage		V_R	V	5		5	
Output	Load Voltage(AC/DC)		V_{OFF}	V	350		350	
	Continuous load current		I_O	mA	120		120	
Dielectric strength between input and output			V_{LO}	Vrms	1,500		1,500	
Operating Temperature			T_a	°C	-40	~	+ 85	-40 ~ + 85
Storage Temperature			T_{stg}	°C	-55	~	+ 125	-55 ~ + 125
Electrical Characteristics			Symbol	Unit	Min.	Typ.	Max	Min. Typ. Max
Input	LED Forward voltage		V_F	V	1	1.15	1.3	1 1.15 1.3
	Trigger LED Forward Current		I_{FC}	mA	-	1	3	- 1 3
	Release LED Forward Current		I_{FT}	mA	0.1	-	-	0.1 - -
Output	Maximum resistance with output ON		R_{ON}	Ω	-	15	25	- 15 25
	Current leakage when the relay is open		I_{LEAK}	nA	-	-	1000	- - 1000
	Capacitance between terminals		C_{OFF}	pF	-	65	-	- 65 -
Capacitance between I/O terminals			C_{LO}	pF	-	0.8	-	- 0.8 -
Insulation resistance between I/O terminals			R_{LO}	M Ω	1000	1.00E+08	-	1000 1.00E+08 -
Turn-ON time			t_{ON}	ms	-	-	1	- - 1
Turn-OFF time			t_{OFF}	ms	-	-	3	- - 3

Item	Product Discontinuation					Recommended Replacement								
	G3VM-355GR		G3VM-355FR G3VM-355FR(TR)			G3VM-401VY G3VM-401VY(TR05)		+	G3VM-353G G3VM-353G(TR)					
Use 2 pcs.														
Type														
Package			DIP8					Special SOP4		+	SOP4			
Contact form			1a1b(SPST-NO / SPST-NC)					1a(SPST-NO)		+	1b / SPST-NC)			
Terminal structure			PCB Terminals		Surface-mounting Terminals			Surface-mounting Terminals						
Absolute maximum Rating			Symbol	Unit	Rating					Rating				
Input	LED forward current		I_F	mA	50					30		50		
	LED reverse voltage		V_R	V	5					6		5		
Output	Load Voltage(AC/DC)		V_{OFF}	V	350					400		350		
	Continuous load current		I_O	mA	120					110		120		
Dielectric strength between input and output			V_{LO}	Vrms	2,500					3,750		1,500		
Operating Temperature			T_a	°C	-40 ~ + 85					-40 ~ + 110		-40 ~ + 85		
Storage Temperature			T_{sig}	°C	-55 ~ + 125					-55 ~ + 125		-55 ~ + 125		
Electrical Characteristics			Symbol	Unit	Min.	Typ.	Max	Min.	Typ.	Max	Min.	Typ.	Max	
Input	LED Forward voltage		V_F	V	1	1.15	1.3	1.1	1.27	1.4	1	1.15	1.3	
	Trigger LED Forward Current		$I_{FT}(I_{FC})$	mA	-	1	3	-	0.8	3	-	1	3	
	Release LED Forward Current		$I_{FC}(I_{FT})$	mA	0.1	-	-	0.1	0.5	-	0.1	-	-	
Output	Maximum resistance with output ON		R_{ON}	Ω	-	15	25	-	40(30)	65(45)	-	15	25	
	Current leakage when the relay is open		I_{LEAK}	nA	-	-	1000	-	1	1000	-	-	1000	
	Capacitance between terminals		C_{OFF}	pF	-	65	-	-	30	-	-	65	-	
Capacitance between I/O terminals			C_{LO}	pF	-	0.8	-	-	0.8	-	-	0.8	-	
Insulation resistance between I/O terminals			R_{LO}	M Ω	1000	1.00E+08	-	1000	1.E+08	-	1000	1.00E+08	-	
Turn-ON time			t_{ON}	ms	-	-	1a:1,1b:1	-	0.5	1	-	-	1	
Turn-OFF time			t_{OFF}	ms	-	-	1a:1,1b:3	-	0.1	0.5	-	-	3	

Item	Product Discontinuation				Recommended Replacement					
	G3VM-355JR		G3VM-355JR(TR)		G3VM-401VY G3VM-401VY(TR05)		G3VM-353G G3VM-353G(TR)			
					Use 2 pcs.					
Type										
Package		SOP8				Special SOP4		SOP4		
Contact form		1a1b(SPST-NO / SPST-NC)				1a(SPST-NO)		1b / SPST-NC		
Terminal structure		PCB Terminals		Surface-mounting Terminals		Surface-mounting Terminals				
Absolute maximum Rating			Symbol	Unit	Rating			Rating		
Input	LED forward current		I_F	mA	50			30		50
	LED reverse voltage		V_R	V	5			6		5
Output	Load Voltage(AC/DC)		V_{OFF}	V	350			400		350
	Continuous load current		I_O	mA	120			110		120
Dielectric strength between input and output			V_{I-O}	Vrms	1,500			3,750		1,500
Operating Temperature			T_a	°C	-40 ~ + 85			-40 ~ + 110		-40 ~ + 85
Storage Temperature			T_{stg}	°C	-55 ~ + 125			-55 ~ + 125		-55 ~ + 125
Electrical Characteristics			Symbol	Unit	Min.	Typ.	Max	Min.	Typ.	Max
Input	LED Forward voltage		V_F	V	1	1.15	1.3	1.1	1.27	1.4
	Trigger LED Forward Current		$I_{FT}(I_{FC})$	mA	-	1	3	-	0.8	3
	Release LED Forward Current		$I_{FC}(I_{FT})$	mA	0.1	-	-	0.1	0.5	-
Output	Maximum resistance with output ON		R_{ON}	Ω	-	15	25	-	40(30)	65(45)
	Current leakage when the relay is open		I_{LEAK}	nA	-	-	1000	-	1	1000
	Capacitance between terminals		C_{OFF}	pF	-	65	-	-	30	-
Capacitance between I/O terminals			C_{I-O}	pF	-	0.8	-	-	0.8	-
Insulation resistance between I/O terminals			R_{I-O}	MΩ	1000	1.00E+08	-	1000	1.E+08	-
Turn-ON time			t_{ON}	ms	-	-	1a:1,1b:1	-	0.5	1
Turn-OFF time			t_{OFF}	ms	-	-	1a:1,1b:3	-	0.1	0.5

[Characteristics / Operation ratings]

Item	Product Discontinuation			Recommended Replacement						
	G3VM-401BY			G3VM-401EY G3VM-401EY(TR)		G3VM-401AY1		G3VM-401DY1 G3VM-401DY1(TR05)		
Type										
Package			DIP6				DIP4			
Contact form			1a(SPST-NO)				1a(SPST-NO)			
Terminal structure			PCB Terminals		Surface-mounting Terminals		PCB Terminals		Surface-mounting Terminals	
Absolute maximum Rating			Symbol	Unit	Rating			Rating		
Input	LED forward current		I_F	mA	50			30		
	LED reverse voltage		V_R	V	5			5		
Output	Load Voltage(AC/DC)		V_{OFF}	V	400			400		
	Continuous load current	Connection A	I_O	A	120			120		
		Connection B			120			-		
Connection C		240			-					
Dielectric strength between input and output			V_{LO}	Vrms	5,000			5,000		
Operating Temperature			T_a	°C	-40	~	+ 85	-40	~ + 85	
Storage Temperature			T_{stg}	°C	-55	~	+ 125	-55	~ + 125	
Electrical Characteristics			Symbol	Unit	Min.	Typ.	Max	Min.	Typ.	Max
Input	LED Forward voltage		V_F	V	1	1.15	1.3	1.1	1.27	1.4
	Trigger LED Forward Current		I_{FT}	mA	-	-	3	-	0.6	3
	Release LED Forward Current		I_{FC}	mA	0.1	-	-	0.1	-	-
Output	Maximum resistance with output ON	Connection A	R_{ON}	Ω	-	17	35	-	22(17)	35(28)
		Connection B			-	11	20	-	-	-
		Connection C			-	6	10	-	-	-
	Current leakage when the relay is open		I_{LEAK}	nA	-	-	1000	-	-	1000
Capacitance between terminals			C_{OFF}	pF	-	40	-	-	80	-
Capacitance between I/O terminals			C_{LO}	pF	-	0.8	-	-	0.8	-
Insulation resistance between I/O terminals			R_{VO}	M Ω	1000	1.00E+08	-	1000	1.00E+08	-
Turn-ON time			t_{ON}	ms	-	0.3	1	-	0.6	2
Turn-OFF time			t_{OFF}	ms	-	0.1	1	-	0.2	1

Item			Product Discontinuation			Recommended Replacement		
			G3VM-401H	G3VM-401H (TR)		G3VM-401VY	G3VM-401VY(TR05)	
Type								
Package			SOP6			Special SOP4		
Contact form			1a(SPST-NO)			1a(SPST-NO)		
Terminal structure			Surface-mounting Terminals			Surface-mounting Terminals		
Absolute maximum Rating			Symbol	Unit	Rating		Rating	
Input	LED forward current		I_F	mA	50		30	
	LED reverse voltage		V_R	V	5		6	
Output	Load Voltage(AC/DC)		V_{OFF}	V	400		400	
	Continuous load current	Connection A	I_O	mA	120		110	
		Connection B			120		-	
Connection C		240			-			
Dielectric strength between input and output			V_{LO}	Vrms	1,500		3,750	
Operating Temperature			T_a	°C	-40	~	+ 85	-40 ~ + 110
Storage Temperature			T_{stg}	°C	-55	~	+ 125	-55 ~ + 125
Electrical Characteristics			Symbol	Unit	Min.	Typ.	Max	Min. Typ. Max
Input	LED Forward voltage		V_F	V	1	1.15	1.3	1 127 1.4
	Trigger LED Forward Current		I_{FT}	mA	-	1	3	- 0.8 3
	Release LED Forward Current		I_{FC}	mA	0.1	-	-	0.1 0.5 -
Output	Maximum resistance with output ON	Connection A	R_{ON}	Ω	-	17	35	- 40(30) 65(45)
		Connection B			-	11	20	- - -
		Connection C			-	16	-	- - -
Current leakage when the relay is open		I_{LEAK}	nA	-	-	1000	- 1 1000	
Capacitance between terminals		C_{OFF}	pF	-	70	-	- 30 -	
Capacitance between I/O terminals		C_{LO}	pF	-	0.8	-	- 0.8 -	
Insulation resistance between I/O terminals		R_{LO}	M Ω	1000	1.00E+08	-	1000 1.00E+08 -	
Turn-ON time		t_{ON}	ms	-	0.3	1	- 0.5 1	
Turn-OFF time		t_{OFF}	ms	-	0.1	1	- 0.1 0.5	

Item				Product Discontinuation			Recommended Replacement		
				G3VM-402J	G3VM-402J(TR)		G3VM-401VY	G3VM-401VY(TR05)	
							Use 2 pcs. each		
Type									
Package				SOP8			Special SOP4		
Contact form				2a(DPST-NO)			1a(SPST-NO)		
Terminal structure				Surface-mounting Terminals			Surface-mounting Terminals		
Absolute maximum Rating				Symbol	Unit	Rating		Rating	
Input	LED forward current			I_F	mA	50		30	
	LED reverse voltage			V_R	V	5		6	
Output	Load Voltage(AC/DC)			V_{OFF}	V	400		400	
	Continuous load current			I_O	mA	120		110	
Dielectric strength between input and output				V_{I-O}	Vrms	1,500		3,750	
Operating Temperature				T_a	°C	-40	~	+ 85	-40 ~ + 110
Storage Temperature				T_{stg}	°C	-55	~	+ 125	-55 ~ + 125
Electrical Characteristics				Symbol	Unit	Min.	Typ.	Max	Min. Typ. Max
Input	LED Forward voltage			V_F	V	1	1.15	1.3	1.1 1.27 1.4
	Trigger LED Forward Current			I_{FT}	mA	-	1	3	- 0.8 3
	Release LED Forward Current			I_{FC}	mA	0.1	-	-	0.1 0.5 -
Output	Maximum resistance with output ON			R_{ON}	Ω	-	17	35	- 40(30) 65(45)
	Current leakage when the relay is open			I_{LEAK}	nA	-	-	1000	- 1 1000
	Capacitance between terminals			C_{OFF}	pF	-	70	-	- 30 -
Capacitance between I/O terminals				C_{I-O}	pF	-	0.8	-	- 0.8 -
Insulation resistance between I/O terminals				R_{I-O}	M Ω	1000	1.00E+08	-	1000 1.00E+08 -
Turn-ON time				t_{ON}	ms	-	0.3	1	- 0.5 1
Turn-OFF time				t_{OFF}	ms	-	0.1	1	- 0.1 0.5

Item	Product Discontinuation			Recommended Replacement						
	G3VM-41AR			G3VM-41DR G3VM-41DR(TR)		G3VM-61AR1		G3VM-61DR1 G3VM-61DR1(TR05)		
Type										
Package			DIP4			DIP4				
Contact form			1a(SPST-NO)			1a(SPST-NO)				
Terminal structure			PCB Terminals		Surface-mounting Terminals	PCB Terminals		Surface-mounting Terminals		
Absolute maximum Rating			Symbol	Unit	Rating			Rating		
Input	LED forward current		I_F	mA	30			30		
	LED reverse voltage		V_R	V	5			6		
Output	Load Voltage(AC/DC)		V_{OFF}	V	40			60		
	Continuous load current		I_O	A	2.5			3		
Dielectric strength between input and output			V_{LO}	Vrms	2,500			2,500		
Operating Temperature			T_a	°C	-40	~	+ 85	-40	~	+ 110
Storage Temperature			T_{slg}	°C	-55	~	+ 125	-55	~	+ 125
Electrical Characteristics			Symbol	Unit	Min.	Typ.	Max	Min.	Typ.	Max
Input	LED Forward voltage		V_F	V	1.18	1.33	1.48	1.5	1.64	1.8
	Trigger LED Forward Current		I_{FT}	mA	-	0.5	3	-	0.3	3
	Release LED Forward Current		I_{FC}	mA	0.1	-	-	0.1	-	-
Output	Maximum resistance with output ON		R_{ON}	mΩ	-	50	150	-	45	100
	Current leakage when the relay is open		I_{LEAK}	nA	-	-	1000	-	5	1000
	Capacitance between terminals		C_{OFF}	pF	-	300	-	-	250	-
Capacitance between I/O terminals			C_{LO}	pF	-	0.8	-	-	0.8	-
Insulation resistance between I/O terminals			R_{LO}	MΩ	1000	1.00E+08	-	1000	1.00E+08	-
Turn-ON time			t_{ON}	ms	-	0.8	5	-	0.45	2
Turn-OFF time			t_{OFF}	ms	-	0.3	1	-	0.2	1

Item			Product Discontinuation			Recommended Replacement				
			G3VM-41BR	G3VM-41ER G3VM-41ER(TR)		G3VM-61BR2	G3VM-61ER2 G3VM-61ER2(TR05)			
Type										
Package			DIP6			DIP6				
Contact form			1a(SPST-NO)			1a(SPST-NO)				
Terminal structure			PCB Terminals	Surface-mounting Terminals		PCB Terminals	Surface-mounting Terminals			
Absolute maximum Rating			Symbol	Unit	Rating		Rating			
Input	LED forward current		I_F	mA	30		30			
	LED reverse voltage		V_R	V	5		6			
Output	Load Voltage(AC/DC)		V_{OFF}	V	40		60			
	Continuous load current	Connection A	I_O	A	3.5		4			
		Connection B			3.5		4			
Connection C		7			8					
Dielectric strength between input and output			V_{LO}	Vrms	2,500		2,500			
Operating Temperature			T_a	°C	-40	~	+ 85	-40	~	+ 110
Storage Temperature			T_{stg}	°C	-55	~	+ 125	-55	~	+ 125
Electrical Characteristics			Symbol	Unit	Min.	Typ.	Max	Min.	Typ.	Max
Input	LED Forward voltage		V_F	V	1.18	1.33	1.48	1.5	1.64	1.8
	Trigger LED Forward Current		I_{FT}	mA	-	0.5	3	-	0.3	3
	Release LED Forward Current		I_{FC}	mA	0.1	-	-	0.01	-	-
Output	Maximum resistance with output ON	Connection A	R_{ON}	mΩ	-	30	60	-	35	60
		Connection B			-	15	-	-	18	-
		Connection C			-	8	-	-	9	-
	Current leakage when the relay is open		I_{LEAK}	nA	-	-	1000	-	10	1000
Capacitance between terminals			C_{OFF}	pF	-	1000	-	-	640	-
Capacitance between I/O terminals			C_{LO}	pF	-	0.8	-	-	0.8	-
Insulation resistance between I/O terminals			R_{LO}	MΩ	1000	1.00E+08	-	1000	1.00E+08	-
Turn-ON time			t_{ON}	ms	-	2	5	-	1.2	5
Turn-OFF time			t_{OFF}	ms	-	0.1	1	-	0.1	0.5

Item	Product Discontinuation			Recommended Replacement						
				G3VM-41GR4	G3VM-41GR4(TR)		G3VM-41GR5	G3VM-41GR5(TR)		
Type										
Package			SOP4			SOP4				
Contact form			1a(SPST-NO)			1a(SPST-NO)				
Terminal structure			Surface-mounting Terminals			Surface-mounting Terminals				
Absolute maximum Rating			Symbol	Unit	Rating			Rating		
Input	LED forward current		I_F	mA	50			50		
	LED reverse voltage		V_R	V	5			5		
Output	Load Voltage(AC/DC)		V_{OFF}	V	40			40		
	Continuous load current		I_O	mA	250			300		
Dielectric strength between input and output			V_{LO}	Vrms	1,500			1,500		
Operating Temperature			T_a	°C	-20	~	+ 85	-20	~ + 85	
Storage Temperature			T_{stg}	°C	-55	~	+ 125	-55	~ + 125	
Electrical Characteristics			Symbol	Unit	Min.	Typ.	Max	Min.	Typ.	Max
Input	LED Forward voltage		V_F	V	1	1.15	1.3	1	1.15	1.3
	Trigger LED Forward Current		I_{FT}	mA	-	-	4	-	-	4
	Release LED Forward Current		I_{FC}	mA	0.2	-	-	0.2	-	-
Output	Maximum resistance with output ON		R_{ON}	Ω	-	2	3	-	1	1.5
	Current leakage when the relay is open		I_{LEAK}	nA	-	-	1	-	-	1
	Capacitance between terminals		C_{OFF}	pF	-	5	7	-	10	14
Capacitance between I/O terminals			C_{LO}	pF	-	0.8	-	-	0.8	-
Insulation resistance between I/O terminals			R_{LO}	M Ω	1000	1.00E+08	-	1000	1.00E+08	-
Turn-ON time			t_{ON}	ms	-	-	0.5	-	-	0.5
Turn-OFF time			t_{OFF}	ms	-	-	0.5	-	-	0.5

Item	Product Discontinuation			Recommended Replacement						
	G3VM-601BY			G3VM-601EY G3VM-601EY(TR)		G3VM-601AY1		G3VM-601DY1 G3VM-601DY1(TR05)		
Type										
Package			DIP6				DIP4			
Contact form			1a(SPST-NO)				1a(SPST-NO)			
Terminal structure			PCB Terminals		Surface-mounting Terminals		PCB Terminals		Surface-mounting Terminals	
Absolute maximum Rating			Symbol	Unit	Rating			Rating		
Input	LED forward current		I_F	mA	50			30		
	LED reverse voltage		V_R	V	5			5		
Output	Load Voltage(AC/DC)		V_{OFF}	V	600			600		
	Continuous load current	Connection A	I_O	A	100			90		
		Connection B			100			-		
Connection C		200			-					
Dielectric strength between input and output			V_{LO}	Vrms	5,000			5,000		
Operating Temperature			T_a	°C	-40	~	+ 85	-40	~	+ 85
Storage Temperature			T_{stg}	°C	-55	~	+ 125	-55	~	+ 125
Electrical Characteristics			Symbol	Unit	Min.	Typ.	Max	Min.	Typ.	Max
Input	LED Forward voltage		V_F	V	1	1.15	1.3	1.1	1.27	1.4
	Trigger LED Forward Current		I_{FT}	mA	-	1.6	5	-	0.5	3
	Release LED Forward Current		I_{FC}	mA	0.1	-	-	0.1	-	-
Output	Maximum resistance with output ON	Connection A	R_{ON}	Ω	-	30(25)	45(35)	-	45(30)	60(40)
		Connection B			-	23	35	-	-	-
		Connection C			-	12	18	-	-	-
	Current leakage when the relay is open		I_{LEAK}	μA	-	-	1000	-	-	1000
Capacitance between terminals			C_{OFF}	pF	-	120	-	-	75	-
Capacitance between I/O terminals			C_{LO}	pF	-	0.8	-	-	0.8	-
Insulation resistance between I/O terminals			R_{LO}	M Ω	1000	1.00E+08	-	1000	1.00E+08	-
Turn-ON time			t_{ON}	ms	-	0.2	1.5	-	0.5	2
Turn-OFF time			t_{OFF}	ms	-	0.2	1	-	0.2	1

Item	Product Discontinuation			Recommended Replacement					
	G3VM-61AR	G3VM-61DR G3VM-61DR(TR)		G3VM-61AR1	G3VM-61DR1 G3VM-61DR1(TR05)				
Type									
Package		DIP4			DIP4				
Contact form		1a(SPST-NO)			1a(SPST-NO)				
Terminal structure		PCB Terminals	Surface-mounting Terminals		PCB Terminals	Surface-mounting Terminals			
Absolute maximum Rating		Symbol	Unit	Rating		Rating			
Input	LED forward current	I_F	mA	30		30			
	LED reverse voltage	V_R	V	5		6			
Output	Load Voltage(AC/DC)	V_{OFF}	V	60		60			
	Continuous load current	I_O	A	2		3			
Dielectric strength between input and output		V_{LO}	Vrms	2,500		2,500			
Operating Temperature		T_a	°C	-40	~	+ 85	-40	~	+ 110
Storage Temperature		T_{slg}	°C	-55	~	+ 125	-55	~	+ 125
Electrical Characteristics		Symbol	Unit	Min.	Typ.	Max	Min.	Typ.	Max
Input	LED Forward voltage	V_F	V	1.18	1.33	1.48	1.5	1.64	1.8
	Trigger LED Forward Current	I_{FT}	mA	-	0.5	3	-	0.3	3
	Release LED Forward Current	I_{FC}	mA	0.1	-	-	0.1	-	-
Output	Maximum resistance with output ON	R_{ON}	mΩ	-	80	200	-	45	100
	Current leakage when the relay is open	I_{LEAK}	nA	-	-	1000	-	5	1000
	Capacitance between terminals	C_{OFF}	pF	-	250	-	-	250	-
Capacitance between I/O terminals		C_{LO}	pF	-	0.8	-	-	0.8	-
Insulation resistance between I/O terminals		R_{LO}	MΩ	1000	1.00E+08	-	1000	1.00E+08	-
Turn-ON time		t_{ON}	ms	-	0.8	5	-	0.45	2
Turn-OFF time		t_{OFF}	ms	-	0.3	1	-	0.2	1

Item	Product Discontinuation			Recommended Replacement						
	G3VM-61BR	G3VM-61ER G3VM-61ER(TR)		G3VM-61BR2	G3VM-61ER2 G3VM-61ER2(TR05)					
Type										
Package		DIP6			DIP6					
Contact form		1a(SPST-NO)			1a(SPST-NO)					
Terminal structure		PCB Terminals	Surface-mounting Terminals		PCB Terminals	Surface-mounting Terminals				
Absolute maximum Rating		Symbol	Unit	Rating		Rating				
Input	LED forward current	I_F	mA	30		30				
	LED reverse voltage	V_R	V	5		6				
Output	Load Voltage(AC/DC)	V_{OFF}	V	60		60				
	Continuous load current	Connection A	I_O	A	2.5		4			
		Connection B			-		4			
Connection C		-			8					
Dielectric strength between input and output		V_{LO}	Vrms	2,500		2,500				
Operating Temperature		T_a	°C	-20	~	+ 85	-40	~	+ 110	
Storage Temperature		T_{stg}	°C	-40	~	+ 125	-55	~	+ 125	
Electrical Characteristics		Symbol	Unit	Min.	Typ.	Max	Min.	Typ.	Max	
Input	LED Forward voltage	V_F	V	1.18	1.33	1.48	1.5	1.64	1.8	
	Trigger LED Forward Current	I_{FT}	mA	-	1	3	-	0.3	3	
	Release LED Forward Current	I_{FC}	mA	0.1	-	-	0.01	-	-	
Output	Maximum resistance with output ON	Connection A	R_{ON}	mΩ	-	65	100	-	35	60
		Connection B			-	-	-	-	18	-
		Connection C			-	-	-	-	9	-
	Current leakage when the relay is open	I_{LEAK}	nA	-	1	10	-	10	1000	
Capacitance between terminals		C_{OFF}	pF	-	400	-	-	640	-	
Capacitance between I/O terminals		C_{LO}	pF	-	0.8	-	-	0.8	-	
Insulation resistance between I/O terminals		R_{LO}	MΩ	1000	1.00E+08	-	1000	1.00E+08	-	
Turn-ON time		t_{ON}	ms	-	1.5	3	-	1.2	5	
Turn-OFF time		t_{OFF}	ms	-	0.2	0.6	-	0.1	0.5	

Item	Product Discontinuation			Recommended Replacement						
	G3VM-61BR1			G3VM-61ER1 G3VM-61ER1(TR)	G3VM-61BR2		G3VM-61ER2 G3VM-61ER2(TR05)			
Type										
Package			DIP6			DIP6				
Contact form			1a(SPST-NO)			1a(SPST-NO)				
Terminal structure			PCB Terminals	Surface-mounting Terminals		PCB Terminals	Surface-mounting Terminals			
Absolute maximum Rating		Symbol	Unit	Rating			Rating			
Input	LED forward current		I_F	mA	30			30		
	LED reverse voltage		V_R	V	5			6		
Output	Load Voltage(AC/DC)		V_{OFF}	V	60			60		
	Continuous load current	Connection A	I_O	A	3			4		
		Connection B			3			4		
Connection C		6			8					
Dielectric strength between input and output			V_{LO}	Vrms	2,500			2,500		
Operating Temperature			T_a	°C	-40	~	+ 85	-40 ~ + 110		
Storage Temperature			T_{stg}	°C	-55	~	+ 125	-55 ~ + 125		
Electrical Characteristics		Symbol	Unit	Min.	Typ.	Max	Min.	Typ.	Max	
Input	LED Forward voltage		V_F	V	1.18	1.33	1.48	1.5	1.64	1.8
	Trigger LED Forward Current		I_{FT}	mA	-	0.5	3	-	0.3	3
	Release LED Forward Current		I_{FC}	mA	0.1	-	-	0.1	-	-
Output	Maximum resistance with output ON	Connection A	R_{ON}	Ω	-	40	70	-	35	60
		Connection B			-	20	-	-	18	-
		Connection C			-	10	-	-	9	-
	Current leakage when the relay is open		I_{LEAK}	nA	-	-	1000	-	10	1000
Capacitance between terminals			C_{OFF}	pF	-	1000	-	-	640	-
Capacitance between I/O terminals			C_{LO}	pF	-	0.8	-	-	0.8	-
Insulation resistance between I/O terminals			R_{VO}	M Ω	1000	1.00E+08	-	1000	1.00E+08	-
Turn-ON time			t_{ON}	ms	-	2	5	-	1.2	5
Turn-OFF time			t_{OFF}	ms	-	0.1	1	-	0.1	0.5

Item	Product Discontinuation			Recommended Replacement						
	G3VM-61H1	G3VM-61H1(TR)		G3VM-61VY3	G3VM-61VY3(TR05)					
Type										
Package		SOP6			Special SOP4					
Contact form		1a(SPST-NO)			1a(SPST-NO)					
Terminal structure		Surface-mounting Terminals			Surface-mounting Terminals					
Absolute maximum Rating		Symbol	Unit	Rating		Rating				
Input	LED forward current	I_F	mA	50		30				
	LED reverse voltage	V_R	V	5		6				
Output	Load Voltage(AC/DC)	V_{OFF}	V	60		60				
	Continuous load current	Connection A	I_O	mA	400		700			
		Connection B			400		-			
Connection C		800			-					
Dielectric strength between input and output		V_{LO}	Vrms	1,500		3,750				
Operating Temperature		T_a	°C	-40	~ + 85	-40 ~ + 110				
Storage Temperature		T_{stg}	°C	-55	~ + 125	-55 ~ + 125				
Electrical Characteristics		Symbol	Unit	Min.	Typ.	Max	Min.	Typ.	Max	
Input	LED Forward voltage	V_F	V	1	1.15	1.3	1.1	1.27	1.4	
	Trigger LED Forward Current	I_{FT}	mA	-	1.6	3	-	1	3	
	Release LED Forward Current	I_{FC}	mA	0.1	-	-	0.1	-	-	
Output	Maximum resistance with output ON	Connection A	R_{ON}	Ω	-	1	2	-	0.15	2
		Connection B			-	0.5	1	-	-	-
		Connection C			-	0.25	-	-	-	-
Current leakage when the relay is open		I_{LEAK}	nA	-	-	1000	-	2	1,000	
Capacitance between terminals		C_{OFF}	pF	-	130	-	-	100	-	
Capacitance between I/O terminals		C_{LO}	pF	-	0.8	-	-	0.8	-	
Insulation resistance between I/O terminals		R_{LO}	M Ω	1000	1.00E+08	-	1000	1.00E+08	-	
Turn-ON time		t_{ON}	ms	-	0.8	2	-	2	3	
Turn-OFF time		t_{OFF}	ms	-	0.1	0.5	-	0.1	0.5	

Item	Product Discontinuation				Recommended Replacement			
	G3VM-62J1		G3VM-62J1(TR)		G3VM-61VY2		G3VM-61VY2(TR05)	
	Use 2 pcs. each							
Type								
Package			SOP8			Special SOP4		
Contact form			2a(DPST-NO)			1a(SPST-NO)		
Terminal structure			Surface-mounting Terminals			Surface-mounting Terminals		
Absolute maximum Rating			Symbol	Unit	Rating		Rating	
Input	LED forward current		I_F	mA	50		30	
	LED reverse voltage		V_R	V	5		6	
Output	Load Voltage(AC/DC)		V_{OFF}	V	60		60	
	Continuous load current		I_O	mA	400		500	
Dielectric strength between input and output			V_{I-O}	Vrms	1,500		3,750	
Operating Temperature			T_a	°C	-40	~	+ 85	-40 ~ + 110
Storage Temperature			T_{stg}	°C	-55	~	+ 125	-55 ~ + 125
Electrical Characteristics			Symbol	Unit	Min.	Typ.	Max	Min. Typ. Max
Input	LED Forward voltage		V_F	V	1	1.15	1.3	1.1 1.27 1.4
	Trigger LED Forward Current		I_{FT}	mA	-	1.6	3	- 1 3
	Release LED Forward Current		I_{FC}	mA	0.1	-	-	0.1 - -
Output	Maximum resistance with output ON		R_{ON}	Ω	-	1	2	- 1 2
	Current leakage when the relay is open		I_{LEAK}	nA	-	-	1000	- 0.1 1000
	Capacitance between terminals		C_{OFF}	pF	-	130	-	- 100 -
Capacitance between I/O terminals			C_{I-O}	pF	-	0.8	-	- 0.8 -
Insulation resistance between I/O terminals			R_{I-O}	M Ω	1000	1.00E+08	-	1000 1.00E+08 -
Turn-ON time			t_{ON}	ms	-	0.8	2	- 2 3
Turn-OFF time			t_{OFF}	ms	-	0.1	0.5	- 0.5 3

Item	Product Discontinuation			Recommended Replacement						
	G3VM-81G1			G3VM-81G1(TR)		G3VM-81GR1		G3VM-81GR1(TR)		
Type										
Package			SOP4			SOP4				
Contact form			1a(SPST-NO)			1a(SPST-NO)				
Terminal structure			Surface-mounting Terminals			Surface-mounting Terminals				
Absolute maximum Rating			Symbol	Unit	Rating			Rating		
Input	LED forward current		I_F	mA	50			50		
	LED reverse voltage		V_R	V	5			5		
Output	Load Voltage(AC/DC)		V_{OFF}	V	80			80		
	Continuous load current		I_O	mA	350			200		
Dielectric strength between input and output			V_{LO}	Vrms	1,500			1,500		
Operating Temperature			T_a	°C	-20	~	+ 85	-20	~ + 85	
Storage Temperature			T_{stg}	°C	-40	~	+ 125	-40	~ + 125	
Electrical Characteristics			Symbol	Unit	Min.	Typ.	Max	Min.	Typ.	Max
Input	LED Forward voltage		V_F	V	1	1.15	1.3	1	1.15	1.3
	Trigger LED Forward Current		I_{FT}	mA	-	1	4	-	-	3
	Release LED Forward Current		I_{FC}	mA	0.2	-	-	0.1	-	-
Output	Maximum resistance with output ON		R_{ON}	Ω	-	1	1.2	-	5	8
	Current leakage when the relay is open		I_{LEAK}	nA	-	0.2	1	-	-	1
	Capacitance between terminals		C_{OFF}	pF	-	30	40	-	6.5	11
Capacitance between I/O terminals			C_{LO}	pF	-	0.8	-	-	0.7	-
Insulation resistance between I/O terminals			R_{LO}	M Ω	1000	1.00E+08	-	1000	1.00E+08	-
Turn-ON time			t_{ON}	ms	-	0.3	0.5	-	0.13	0.5
Turn-OFF time			t_{OFF}	ms	-	0.3	0.5	-	0.17	0.5

Item				Product Discontinuation			Recommended Replacement				
				G3VM-81GR	G3VM-81GR(TR)		G3VM-81GR1	G3VM-81GR1(TR)			
Type											
Package				SOP4			SOP4				
Contact form				1a(SPST-NO)			1a(SPST-NO)				
Terminal structure				Surface-mounting Terminals			Surface-mounting Terminals				
Absolute maximum Rating				Symbol	Unit	Rating		Rating			
Input	LED forward current			I_F	mA	50		50			
	LED reverse voltage			V_R	V	5		5			
Output	Load Voltage(AC/DC)			V_{OFF}	V	80		80			
	Continuous load current			I_O	mA	40		200			
Dielectric strength between input and output				V_{LO}	Vrms	1,500		1,500			
Operating Temperature				T_a	°C	-20	~	+ 85	-20	~	+ 85
Storage Temperature				T_{stg}	°C	-40	~	+ 125	-40	~	+ 125
Electrical Characteristics				Symbol	Unit	Min.	Typ.	Max	Min.	Typ.	Max
Input	LED Forward voltage			V_F	V	1	1.15	1.3	1	1.15	1.3
	Trigger LED Forward Current			I_{FT}	mA	-	-	3	-	-	3
	Release LED Forward Current			I_{FC}	mA	0.1	-	-	0.1	-	-
Output	Maximum resistance with output ON			R_{ON}	Ω	-	16	25	-	5	8
	Current leakage when the relay is open			I_{LEAK}	nA	-	-	1	-	-	1
	Capacitance between terminals			C_{OFF}	pF	-	2.5	3.5	-	6.5	11
Capacitance between I/O terminals				C_{LO}	pF	-	0.7	-	-	0.7	-
Insulation resistance between I/O terminals				R_{LO}	M Ω	1000	1.00E+08	-	1000	1.00E+08	-
Turn-ON time				t_{ON}	ms	-	0.07	0.5	-	0.13	0.5
Turn-OFF time				t_{OFF}	ms	-	0.07	0.5	-	0.17	0.5

Item	Product Discontinuation			Recommended Replacement					
	G3VM-WL	G3VM-WFL G3VM-WFL(TR)		G3VM-351AY1		G3VM-351DY1 G3VM-351DY1(TR05)			
Use 2 pcs. each									
Type									
Package			DIP8			DIP4			
Contact form			2a(DPST-NO)			1a(SPST-NO)			
Terminal structure			PCB Terminals	Surface-mounting Terminals		PCB Terminals	Surface-mounting Terminals		
Absolute maximum Rating		Symbol	Unit	Rating			Rating		
Input	LED forward current	I_F	mA	50			30		
	LED reverse voltage	V_R	V	6			5		
Output	Load Voltage(AC/DC)	V_{OFF}	V	350			350		
	Continuous load current	I_O	mA	120			100		
Dielectric strength between input and output		V_{LO}	Vrms	2,500			5,000		
Operating Temperature		T_a	°C	-40	~	+ 85	-40	~ + 85	
Storage Temperature		T_{sig}	°C	-55	~	+ 125	-55	~ + 125	
Electrical Characteristics		Symbol	Unit	Min.	Typ.	Max	Min.	Typ.	Max
Input	LED Forward voltage	V_F	V	1	1.15	1.3	1.1	1.27	1.4
	Trigger LED Forward Current	I_{FT}	mA	-	1	3	-	0.6	3
	Release LED Forward Current	I_{FC}	mA	0.1	-	-	0.1	-	-
Output	Maximum resistance with output ON	R_{ON}	Ω	-	22	35	-	35(25)	50(35)
	Current leakage when the relay is open	I_{LEAK}	nA	-	-	1000	-	-	1000
	Capacitance between terminals	C_{OFF}	pF	-	40	-	-	30	-
Capacitance between I/O terminals		C_{LO}	pF	-	0.8	-	-	0.8	-
Insulation resistance between I/O terminals		R_{LO}	M Ω	1000	1.00E+08	-	1000	1.00E+08	-
Turn-ON time		t_{ON}	ms	-	-	1	-	0.3	2
Turn-OFF time		t_{OFF}	ms	-	-	1	-	0.1	1

[Operation methods]

No Changes

Specifications and prices in this product news are as of the issue date and are subject to change without notice. Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.

Before change

Old part number	Old OC product code	Old ODPOS code
G3VM-101AR	G3VM1398H	G3VM101AR
G3VM-101BR	G3VM1410M	G3VM101BR
G3VM-101DR	G3VM1399F	G3VM101DR
G3VM-101DR(TR)	G3VM1400C	G3VM101DRTR
G3VM-101ER	G3VM1411R	G3VM101ER
G3VM-101ER(TR)	G3VM1412G	G3VM101ERTR
G3VM-101PR(TR05)(DISTY)	G3VM1790H	#NV
G3VM-201G	G3VM1259M	G3VM201G
G3VM-201G(TR)	G3VM1260D	G3VM201GTR
G3VM-201H1	G3VM1261B	G3VM201H1
G3VM-201H1(TR)	G3VM1262M	G3VM201H1TR
G3VM-202J1	G3VM1255H	G3VM202J1
G3VM-202J1(TR)	G3VM1256F	#NV
G3VM-21AR	G3VM1389R	G3VM21AR
G3VM-21BR	G3VM1401A	G3VM21BR
G3VM-21DR	G3VM1390B	G3VM21DR
G3VM-21DR(TR)	G3VM1391M	G3VM21DRTR
G3VM-21DR(TR)#S	G3VM1498D	G3VM21DRTRS
G3VM-21ER	G3VM1402M	G3VM21ER
G3VM-21ER(TR)	G3VM1403H	G3VM21ERTR
G3VM-21GR	G3VM1161F	G3VM21GR
G3VM-21GR(TR)	G3VM1162D	G3VM21GRTR
G3VM-21GR1	G3VM1139M	G3VM21GR1
G3VM-21GR1(TR)	G3VM1141A	G3VM21GR1TR
G3VM-21LR10(TR05)(DISTY)	G3VM1696M	#NV
G3VM-21LR11(TR05)(DISTY)	G3VM1698G	#NV
G3VM-2FL	G3VM1053R	G3VM2FL
G3VM-2FL(TR)	G3VM1055E	G3VM2FLTR
G3VM-2L	G3VM1051B	#NV
G3VM-351G1	G3VM1348A	G3VM351G1
G3VM-351G1(TR)	G3VM1349M	G3VM351G1TR
G3VM-351G1(TR)(DISTY)	G3VM1699E	#NV
G3VM-351GL	G3VM1272H	G3VM351GL
G3VM-351GL(TR)	G3VM1273F	G3VM351GLTR
G3VM-351H	G3VM1235C	G3VM351H
G3VM-351H(TR)	G3VM1236A	#NV
G3VM-352J	G3VM1216G	G3VM352J
G3VM-352J(TR)	G3VM1217E	G3VM352JTR
G3VM-353A	G3VM1095D	G3VM353A
G3VM-353B	G3VM1097M	G3VM353B
G3VM-353D	G3VM1091A	G3VM353D
G3VM-353D(DISTY)	G3VM1693F	#NV
G3VM-353D(TR)	G3VM1089M	#NV
G3VM-353E	G3VM1093H	G3VM353E
G3VM-353E(DISTY)	G3VM1694D	#NV
G3VM-353E(TR)	G3VM1087C	G3VM353ETR
G3VM-353H	G3VM1231M	G3VM353H

G3VM-353H(TR)	G3VM1232R	G3VM353HTR
G3VM-354C	G3VM1099G	G3VM354C
G3VM-354F	G3VM1105E	G3VM354F
G3VM-354F(TR)	G3VM1107A	G3VM354FTR
G3VM-354J	G3VM1233G	G3VM354J
G3VM-354J(TR)	G3VM1234E	#NV
G3VM-355CR	G3VM1192F	G3VM355CR
G3VM-355FR	G3VM1193D	G3VM355FR
G3VM-355FR(TR)	G3VM1194B	#NV
G3VM-355JR	G3VM1195M	G3VM355JR
G3VM-355JR(TR)	G3VM1196R	G3VM355JRTR
G3VM-401BY	G3VM1121G	G3VM401BY
G3VM-401BY#S	G3VM1337F	G3VM401BYS
G3VM-401EY	G3VM1123C	G3VM401EY
G3VM-401EY(TR)	G3VM1125M	G3VM401EYTR
G3VM-401EY(TR2)	G3VM1343M	G3VM401EYTR2
G3VM-401H	G3VM1250G	G3VM401H
G3VM-401H(TR)	G3VM1251E	G3VM401HTR
G3VM-401VY(TR)	G3VM1656A	#NV
G3VM-401VY(TR)(DISTY)	G3VM1793B	#NV
G3VM-402J	G3VM1199C	G3VM402J
G3VM-402J(TR)	G3VM1200M	G3VM402JTR
G3VM-41AR	G3VM1392R	G3VM41AR
G3VM-41BR	G3VM1404F	G3VM41BR
G3VM-41DR	G3VM1393G	G3VM41DR
G3VM-41DR(TR)	G3VM1394E	G3VM41DRTR
G3VM-41ER	G3VM1405D	G3VM41ER
G3VM-41ER(TR)	G3VM1406B	G3VM41ERTR
G3VM-41GR4	G3VM1143H	G3VM41GR4
G3VM-41GR4(TR)	G3VM1144F	G3VM41GR4TR
G3VM-41PR5(TR05)(DISTY)	G3VM1789D	#NV
G3VM-4N(DISTY)	G3VM1692H	#NV
G3VM-51UR(TR05)(DISTY)	G3VM1792D	#NV
G3VM-601BY	G3VM1103R	G3VM601BY
G3VM-601EY	G3VM1104G	G3VM601EY
G3VM-601EY(DISTY)	G3VM1695B	#NV
G3VM-601EY(TR)	G3VM1109H	G3VM601EYTR
G3VM-61AR	G3VM1395C	G3VM61AR
G3VM-61BR	G3VM1267A	G3VM61BR
G3VM-61BR1	G3VM1407M	G3VM61BR1
G3VM-61DR	G3VM1396A	G3VM61DR
G3VM-61DR(TR)	G3VM1397M	G3VM61DRTR
G3VM-61DR(TR)#S	G3VM1499B	G3VM61DRTRS
G3VM-61DR(TR)(DISTY)	G3VM1788F	#NV
G3VM-61ER	G3VM1268M	G3VM61ER
G3VM-61ER(TR)	G3VM1269H	G3VM61ERTR
G3VM-61ER1	G3VM1408R	G3VM61ER1
G3VM-61ER1(TR)	G3VM1409G	G3VM61ER1TR
G3VM-61G2(TR)/B	G3VM1669C	#NV
G3VM-61GR1	G3VM1848C	#NV

G3VM-61H1	G3VM1212D	G3VM61H1
G3VM-61H1(TR)	G3VM1213B	G3VM61H1TR
G3VM-61VY3-M2(TR)	G3VM1661H	#NV
G3VM-62J1	G3VM1214M	G3VM62J1
G3VM-62J1(TR)	G3VM1215R	G3VM62J1TR
G3VM-81G1	G3VM1226D	G3VM81G1
G3VM-81G1(TR)	G3VM1227B	G3VM81G1TR
G3VM-81G1(TR15)M	G3VM1360M	#NV
G3VM-81GR	G3VM1311B	G3VM81GR
G3VM-81GR(TR)	G3VM1312M	G3VM81GRTR
G3VM-81GR1(DISTY)	G3VM1697R	#NV
G3VM-WFL	G3VM1113F	G3VMWFL
G3VM-WFL(TR)	G3VM1114D	G3VMWFLTR
G3VM-WL	G3VM1112H	#NV

After change*

New part number	New OC product code	New ODPOS code
G3VM-101AR1	G3VM1709F	G3VM101AR1
G3VM-101BR1	G3VM1715M	G3VM101BR1
G3VM-101DR1	G3VM1710M	G3VM101DR1
G3VM-101DR1(TR05)	G3VM1711H	G3VM101DR1TR05
G3VM-101ER1	G3VM1716R	G3VM101ER1
G3VM-101ER1(TR05)	G3VM1717G	G3VM101ER1TR05
G3VM-101PR(TR05)	G3VM1481M	G3VM101PRTR05
G3VM-S5	G3VM1045H	#NV
G3VM-S5(TR)	G3VM1046F	G3VMS5TR
G3VM-S5	G3VM1045H	#NV
G3VM-S5(TR)	G3VM1046F	G3VMS5TR
G3VM-201G1 / 2x	G3VM1346E	G3VM201G1
G3VM-201G1(TR) / 2x	G3VM1347C	G3VM201G1TR
G3VM-31AR	G3VM1700B	G3VM31AR
G3VM-31BR	G3VM1703G	G3VM31BR
G3VM-31DR	G3VM1701M	G3VM31DR
G3VM-31DR(TR05)	G3VM1702R	G3VM31DRTR05
G3VM-31DR(TR05)	G3VM1702R	G3VM31DRTR05
G3VM-31ER	G3VM1704E	G3VM31ER
G3VM-31ER(TR05)	G3VM1705C	G3VM31ERTR05
G3VM-41GR5	G3VM1165R	G3VM41GR5
G3VM-41GR5(TR)	G3VM1166G	G3VM41GR5TR
G3VM-41GR5	G3VM1165R	G3VM41GR5
G3VM-41GR5(TR)	G3VM1166G	G3VM41GR5TR
G3VM-21LR10(TR05)	G3VM1293M	G3VM21LR10TR05
G3VM-21LR11(TR05)	G3VM1335M	G3VM21LR11TR05
G3VM-351DY1	G3VM1462C	G3VM351DY1
G3VM-351DY1(TR05)	G3VM1463A	G3VM351DY1TR05
G3VM-351AY1	G3VM1461E	G3VM351AY1
G3VM-351VY	G3VM1603M	G3VM351VY
G3VM-351VY(TR05)	G3VM1604R	G3VM351VYTR05
G3VM-351VY(TR05)	G3VM1604R	G3VM351VYTR05
G3VM-351VY	G3VM1603M	G3VM351VY
G3VM-351VY(TR05)	G3VM1604R	G3VM351VYTR05
G3VM-351VY	G3VM1603M	G3VM351VY
G3VM-351VY(TR05)	G3VM1604R	G3VM351VYTR05
G3VM-351VY / 2x	G3VM1603M	G3VM351VY
G3VM-351VY(TR05) / 2x	G3VM1604R	G3VM351VYTR05
G3VM-353G	G3VM1159D	G3VM353G
G3VM-353G	G3VM1159D	G3VM353G
G3VM-353G	G3VM1159D	G3VM353G
G3VM-353G	G3VM1159D	G3VM353G
G3VM-353G(TR)	G3VM1160H	G3VM353GTR
G3VM-353G	G3VM1159D	G3VM353G
G3VM-353G	G3VM1159D	G3VM353G
G3VM-353G(TR)	G3VM1160H	G3VM353GTR
G3VM-353G	G3VM1159D	G3VM353G

G3VM-353G(TR)	G3VM1160H	G3VM353GTR
G3VM-353G / 2x	G3VM1159D	G3VM353G
G3VM-353G / 2x	G3VM1159D	G3VM353G
G3VM-353G(TR) / 2x	G3VM1160H	G3VM353GTR
G3VM-353G / 2x	G3VM1159D	G3VM353G
G3VM-353G(TR) / 2x	G3VM1160H	G3VM353GTR
G3VM-401VY+G3VM-353G	G3VM1654E+G3VM1159D	#NV
G3VM-401VY+G3VM-353G	G3VM1654E+G3VM1159D	#NV
G3VM-401VY(TR05)+G3VM-353G(TR)	G3VM1655C+G3VM1160H	#NV
G3VM-401VY+G3VM-353G	G3VM1654E+G3VM1159D	#NV
G3VM-401VY(TR05)+G3VM-353G(TR)	G3VM1655C+G3VM1160H	#NV
G3VM-401AY1	G3VM1464M	G3VM401AY1
G3VM-401AY1	G3VM1464M	G3VM401AY1
G3VM-401DY1	G3VM1465H	G3VM401DY1
G3VM-401DY1(TR05)	G3VM1466F	G3VM401DY1TR05
G3VM-401DY1(TR05)	G3VM1466F	G3VM401DY1TR05
G3VM-401VY	G3VM1654E	G3VM401VY
G3VM-401VY(TR05)	G3VM1655C	G3VM401VYTR05
G3VM-401VY(TR05)	G3VM1655C	G3VM401VYTR05
G3VM-401VY(TR05)	G3VM1655C	G3VM401VYTR05
G3VM-401VY / 2x	G3VM1654E	G3VM401VY
G3VM-401VY(TR05) / 2x	G3VM1655C	G3VM401VYTR05
G3VM-61AR1	G3VM1706A	G3VM61AR1
G3VM-61BR2	G3VM1657M	G3VM61BR2
G3VM-61DR1	G3VM1707M	G3VM61DR1
G3VM-61DR1(TR05)	G3VM1708H	G3VM61DR1TR05
G3VM-61ER2	G3VM1658H	G3VM61ER2
G3VM-61ER2(TR05)	G3VM1659F	G3VM61ER2TR05
G3VM-41GR5	G3VM1165R	G3VM41GR5
G3VM-41GR5(TR)	G3VM1166G	G3VM41GR5TR
G3VM-41PR5(TR05)	G3VM1473R	G3VM41PR5TR05
G3VM-401AY1	G3VM1464M	G3VM401AY1
G3VM-51UR(TR05)	G3VM1491G	G3VM51URTR05
G3VM-601AY1	G3VM1467D	G3VM601AY1
G3VM-601DY1	G3VM1468B	G3VM601DY1
G3VM-601DY1	G3VM1468B	G3VM601DY1
G3VM-601DY1(TR05)	G3VM1469M	G3VM601DY1TR05
G3VM-61AR1	G3VM1706A	G3VM61AR1
G3VM-61BR2	G3VM1657M	G3VM61BR2
G3VM-61BR2	G3VM1657M	G3VM61BR2
G3VM-61DR1	G3VM1707M	G3VM61DR1
G3VM-61DR1(TR05)	G3VM1708H	G3VM61DR1TR05
G3VM-61DR1(TR05)	G3VM1708H	G3VM61DR1TR05
G3VM-61DR1(TR05)	G3VM1708H	G3VM61DR1TR05
G3VM-61ER2	G3VM1658H	G3VM61ER2
G3VM-61ER2(TR05)	G3VM1659F	G3VM61ER2TR05
G3VM-61ER2	G3VM1658H	G3VM61ER2
G3VM-61ER2(TR05)	G3VM1659F	G3VM61ER2TR05
G3VM-61G2	G3VM1344R	G3VM61G2
G3VM-61GR2	G3VM1520D	G3VM61GR2

G3VM-61VY3	G3VM1648M	G3VM61VY3
G3VM-61VY3(TR05)	G3VM1649R	G3VM61VY3TR05
G3VM-61VY3	G3VM1648M	G3VM61VY3
G3VM-61VY2/ 2x	G3VM1601D	G3VM61VY2
G3VM-61VY2(TR05)/ 2x	G3VM1602B	G3VM61VY2TR05
G3VM-81GR1	G3VM1313R	G3VM81GR1
G3VM-81GR1(TR)	G3VM1314G	G3VM81GR1TR
G3VM-81GR1	G3VM1313R	G3VM81GR1
G3VM-81GR1	G3VM1313R	G3VM81GR1
G3VM-81GR1(TR)	G3VM1314G	G3VM81GR1TR
G3VM-81GR1	G3VM1313R	G3VM81GR1
G3VM-351DY1 / 2x	G3VM1462C	G3VM351DY1
G3VM-351DY1(TR05) / 2x	G3VM1463A	G3VM351DY1TR05
G3VM-351AY1 / 2x	G3VM1461E	G3VM351AY1

*If After the change values are the same, it means the product only had technical or packing change, which does not effect the product codes!

Changes are highlighted with a background colour,