Product Change Notification

PCN26-45 Changes to select items from QHPS Series of Linear DIP Switches

Document revision

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Revision	Date	Description	Author
A	24 Sep 2026	Creation	Grace Li

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1. Purpose

This document announces changes impacting select items from QHPS series of Linear DIP Switches.

2. Change details

2.1 Part numbers affected and alternatives to consider

Please refer to the appendix.

2.2 Possible replacement

Please refer to the appendix.

2.3 Description of changes

Production line relocation and changes to product design with the intention to improve quality assurance. For additional details, please refer to the appendix.

3. Date of implementation

- Last Time Buy: 31/Dec/2026
- Mixed shipments until: 31/Jun/2027
- Date of Implementation: 31/Dec/2026
  All POs received after this date will be serviced with the new design.

4. Acknowledgement

We kindly ask you to acknowledge this information to your Sales Representative.

5. Support

For any question & concerns, please feel free to contact your Sales Representative.

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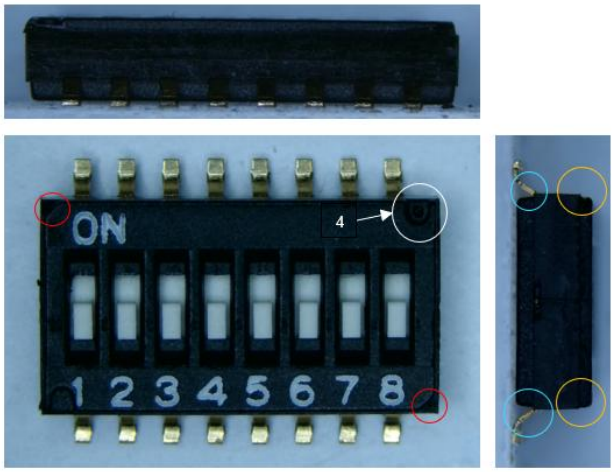
Appendix

a) Description of changes:

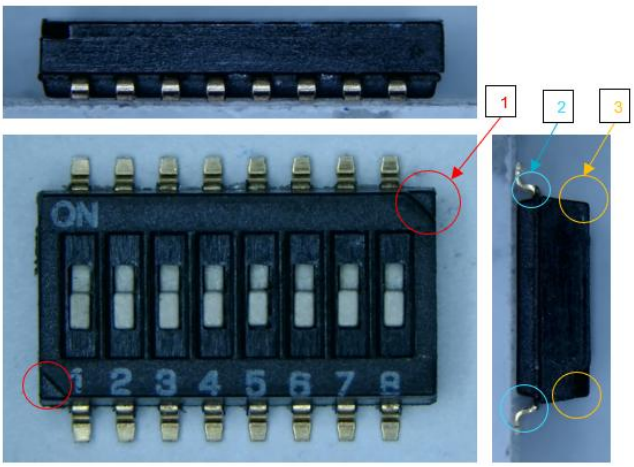
i. Production line relocation from Xinyu city, Jiangxi province (China) to Yueqing city, Zhejiang province (China).

ii. Product appearance:

OLD



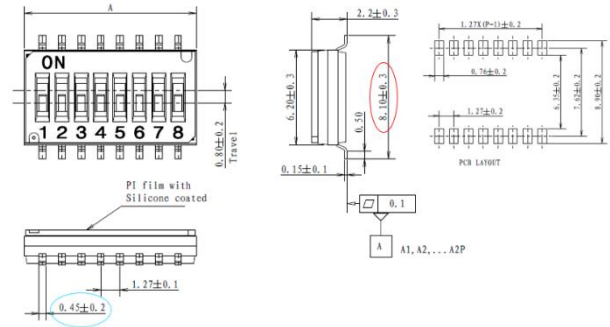
NEW



Difference points: 1. Chamfering position
2. Terminal bending
3. Cover shape
4. Surface gate

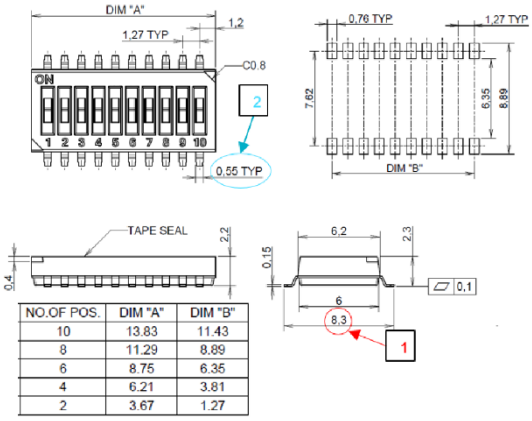
iii. Dimensional specifications

OLD



POSITIONS"P"	2	4	6	8	10
Dimension"A"	3.67	6.21	8.75	11.29	13.83

NEW



NO.OF POS.	DIM "A"	DIM "B"
10	13.83	11.43
8	11.29	8.89
6	8.75	6.35
4	6.21	3.81
2	3.67	1.27

Difference points: 1. Terminal span dimension (Nominal) – measured product size is 8.2mm; it is the same.
2. Terminal width

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iv. Raw materials:

Component	Old	New
Housing / Cover / Base	PA	PPS (UL94 V-0)
Actuator	PA46	LCP (UL94 V-0)
Contacts	Gold plated phosphor Bronze	Copper alloy with Gold plate over Nickel plate
Terminals	Gold plated Brass	Copper alloy with Gold plate over Nickel plate

v. Electrical specifications:

OLD

Contact Rating	25mA @ 24 VDC Max.
Mechanical and Electrical Life	1,000 cycles min. @ 24 V DC 25 mA 2,000 cycles min. with out load
Contact Resistance	100 mΩ Max
Insulation Resistance	1000 MΩ Min. @ 500 V DC
Dielectric Withstanding	500 V AC for 1 minute.
Storage Temperature	-40˚C to 85˚C
Operating Temperature	-40˚C to 85˚C
Operating Force	5N Max.

NEW

Contact Rating	25mA @ 24 VDC Max.
Mechanical and Electrical Life	1,000 steps min. @ 24 V DC 25 mA
Contact Resistance	100 mΩ Max
Insulation Resistance	100 MΩ Min. @ 100 V DC
Dielectric Withstanding	300 V AC for 1 minute.
Storage Temperature	-40˚C to 85˚C
Operating Temperature	-40˚C to 85˚C
Operating Force	4.9N Max.

Difference points:
1. Mechanical life
2. Insulation Resistance
3. Dielectric withstanding

Note:
Although there are some minimal differences in specifications, there is no expected impact to performance.

b) Affected PNs and alternatives to consider

Series	Impacted Material	Alternative Material
QHPS	QHPS02ER	G01821920
QHPS	QHPS04E1R	G02013103
QHPS	QHPS04ER	G01821919
QHPS	QHPS04ERH	G01821919
QHPS	QHPS06ER	G01821918

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