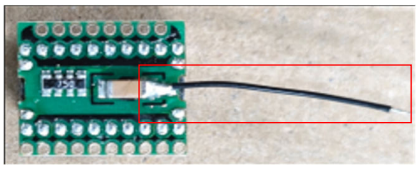
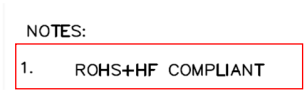
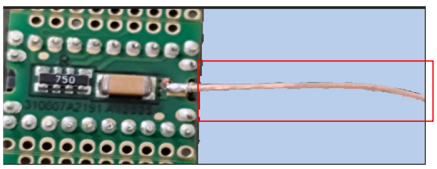
Product Change Notification

PCN Date:	May 7,2026	
Supplier Name:	Pulse Electronics	
Pulse PCN No.	PCN-100000835 Rev A.	
Description of Change	Update grounding wire from UL0064 30AWG TD to EW 3UEW 180 0.049*25 PS-S-0.100-N since PFAS containing issue. No impact to product fit or function.	
Reason for Change	UL0064 30AWG TD contains PFAS, PFAS has been banned by ECHA and other countries/regions.	
Summary of Changes	**Present**	**New**
	 sample  NOTES: 1. ROHS+HF COMPLIANT datasheet	 sample  NOTES: 1. ROHS+HF COMPLIANT AND PFAS FREE datasheet
Traceability guidelines	By product date code, for example 26XX-CZ.	
Qualification Data File name(s)	The qualification test result is positive. Refer to the files below. Pulse JXD0-0101NL Qu EW 3UEW 180 0. 049x25 PS-S-0.10 OBMW2 E234867 (UL cert PFAS FREE test report.pdf Remark: There PDF files included new wire spec, UL, PFAS test reports.	

Customer Part Number	Pulse Part Number	PCN Effectivity Date	Qualification Samples
/	JXD2-0015NL JXD1-9025NL	Aug 7, 2026	4 weeks upon request

	JXD0-0103NL		
	JD2-0011NL		
	JD4-4003NL		
	JXD6-0001NL		
	JXD1-0103NL		
	JD1-0039NL		
	JXD0-0101NL		
	JXD0-0104NL		
	JXD0-0105NL		
	JXD1-0105NL		
	JXD1-0101NL		
	JXD1-0104NL		
	JXD1-9015NLT		
	JXD0-9015NL		
	JD1-0004NL		
	JXD1-2015NL		
	JXD0-0019NL		
	JXD6-0001NLT		
	JXD6-0003NLT		
	JXD6-0003NL		
	JXD6-0002NL		
	JXD6-0002NLT		
	JXD1-0026NL		
	JXD1-0005NL		
	JXD0-0015NL		
	JXD1-0001NL		
	JD1-0001NL		
	JD1-0002NL		
	JXD0-0008NL		
	JXD0-0029NL		

	JXD1-U0051NL		
	JXD1-U0055NL		
	JXD0-0030NL		
	JXD1-2016NL		
	JXD0-0017NL		
	JXD1-0015NL		
	JXD1-0019NL		
	JXD1-0025NL		
	JXD0-4015NL		
	JXD0-0025NL		
	JXD1-2020NL		
	JXD3-0001NL		
	JXD2-0011NL		
	JXD3-0002NL		
	JD2-0030ZNL		
	JD0-0011NL		
	JD3-0002NL		
	JXD2-9015NL		
	JXD1-2017NL		
	JD3-0001NL		
	JXD1-0046NL		
	JXD1-0002NL		
	JD1-0056NL		
	JXD0-2015NL		
	JXD1-9015NL		
	JXD7-0601NL		
	JXD4-1002NL		
	JXD9-1002NL		
	JD1-0034NL		
	JD2-0013NL		

	JD0-0004NL		
	JXD0-2019NL		
	JXD9-1011NL		
	JXD3-0003NL		
	JD4-1001NL		
	JXD0-9049NL		
	JD0-0014NL		
	JXD0-0101ANL		
	JD1-2003NL		
	JXD2-0017NL		
	JD4-1002NL		
	JXD0-0046NL		
	JD0-0037NL		
	JXD0-9019NL		
	JXD0-0039NL		
	JXD1-0022NL		
	JD7-0602NL		
	JD0-0008NL		
	JXD1-0029NL		

Customer: All Customers

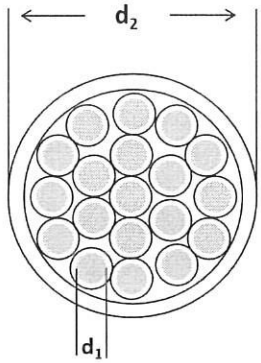
Originator: Mickey Lee

Phone: +8613827253412 **E-mail:** Mikcey.lee@yageo.com

Statement: Dear customer, please response this PCN requirement. If you have any special requirements, please let us know. Lack of response after 30 days will be considered acceptable of change.

Specification / 规格书

name 命名	Extruded solderable polyurethane enamelled round copper litz wire 直焊性聚氨酯漆包铜圆挤出线
Symbol 线材标识	EW 3UEW 180 0.049*25 PS-S-0.100-N



d 1 ----Total diameter of inner conduct [mm]
内部导体直径 [毫米]

d 2 ----Insylation thickess [mm]
产品完成外径［毫米］

R_{20} ----DC-resistance per kilometer at 20℃ [Ohm/Km]
20℃时每千米的直流电阻 [欧姆/千米]

Technical parameters 技术参数

Single wire单线 / Litz wire绞线

Nominal Dia. of conductor d1[mm] 导体标称尺寸	Tolerance [mm] 公差	Max overall diameter dn[mm] 最大完成外径	Number of strands n股数	Number of turn [Ts/m] 绞数	Direction of twist 绞向	Solderability 直焊性	Max. DCR Ω/km,20°C 直流电阻
0.049	±0.003	0.051-0.054	25	101±7	S	420±5℃，3s	390.95

Extruded wire挤出线

Material of jacket外套材质	Layers of the jackets 层数	Toal thickness of each side of the extruded layer 挤出层单边总厚度 [mm]	colour of the layers 每层颜色	Max. Overall diameter d2[mm] 完成外径	Twist withstand pressure 扭绞法耐电压	Max. DCR Ω/km,20°C 直流电阻
PFAS FREE	One/一层	≥0.080	Nature/本色	≤0.50	≥2000V 60s 5mA	390.95

Grade/等级：3UEW Standard/标准：UL2353 Temperature class/温度等级：180℃
Dielectric strength test method/电压测试方法：Twist test/扭绞法测试 Flame Rating阻燃等级:94-V0
The material of the jacket is not solderable,therefore,the jacket should be stripped before soldering.外套材质不能直焊，焊锡前需要去除外套。
This specification is for the technical reference of both parties only and shall not be used as an inspection standard.该规格书仅供双方技术参考，不作为检验标准。

REVISIONS / 版本信息

FILE No.	REV.	DATE	PAGE/TOTAL
08-9566-004925-01	A0	2026.04.01	1/1

DRAFTER: 作成	CHECKER: 审核	APPROVAL: 批准
谭慧敏	刘涛	2026.4.1

松田科技 SUNTEK WIRE

GUANGDONG SUNTEK WIRE CO.,LTD
广东松田科技股份有限公司

ONLINE CERTIFICATIONS DIRECTORY

OBMW2.E234867
Magnet Wire - Component

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Magnet Wire - Component

See General Information for Magnet Wire - Component

ZHUHAI SUNTEK WIRE CO LTD E234867
62 HANQING RD PINGSHA TOWN
JINWAN DISTRICT
ZHUHAI, GUANGDONG 519055 CHINA

Material Designation	Mark Dsg	Base Coat	Top Coat	ANSI Type	Temp Class
@*FIWx180	@*FIWx180	Polyurethane	-	MW 85-C	180
@*xAIW 220	@*xAIW 220	Polyamide-imide	-	MW 81-C	220
@*xEI/AIW 200	@*xEI/AIW 200	Polyester-imide	Polyamide-imide	MW 35-C	200[#]
		Polyester-imide	Polyamide-imide	MW 36-C	200[#]
		Polyester-imide	Polyamide-imide	MW 73-C	200[#]
@*xEI/AIW 220	@*xEI/AIW 220	Polyester-imide	Polyamide-imide	MW 37-C	220
@*xEIW 180	@*xEIW 180	Polyester-imide	-	MW 30-C	180[#]
@*xEIW 200	@*xEIW 200	Polyester-imide	-	MW 74-C	200
@*xPIW 240	@*xPIW 240	Polyimide	-	MW 16-C	240
@*xSEIW180, @*QZY-x/180	@*xSEIW180, @*QZY-x/180	Polyester-imide	-	MW 77-C	180[#]
@*xSPEW155	@*xSPEW155	Polyester-imide	-	MW 26-C	155[#]
@*xUEW/Y130, QPN130	@*xUEW/Y130, QPN130	Polyurethane	Polyamide	MW 28-C	130[#]
@*xUEW/Y155, QPN155	@*xUEW/Y155, QPN155	Polyurethane	Polyamide	MW 80-C	155[#]
@*xUEW/Y180 .QPN180, QPN200	@*xUEW/Y180 .QPN180, QPN200	Polyurethane	Polyamide	MW 83-C	180
@*xUEW130	@*xUEW130	Polyurethane	-	MW 75-C	130[#]
@*xUEW155	@*xUEW155	Polyurethane	-	MW 79-C	155[#]
@*xUEW180	@*xUEW180	Polyurethane	-	MW 82-C	180

Material Designation	Mark Dsg	Base Coat	Top Coat	Bond Coat	ANSI/Conductor Type	Temp Class

@*xAIW 200	@*xAIW 200	Polyamide-imide	-	-	-	200[#]
@*xPEW 130	@*xPEW 130	Polyamide	-	-	-	130[#]
@*xPIW 220	@*xPIW 220	Polyimide	-	-	-	220[#]
@*xSBUEW/120, @*xHBUEW/120	@*xSBUEW/120, @*xHBUEW/120	Polyurethane	-	Polyamide	-	120[#]
@*xSBUEW/130*, @*xHBUEW/130	@*xSBUEW/130*, @*xHBUEW/130	Polyurethane	-	Polyamide	MW 130-C	130[#]
@*xSBUEW/155, @*xHBUEW/155	@*xSBUEW/155, @*xHBUEW/155	Polyurethane	-	Polyamide	MW 131-C	155[#]
@*xSBUEW180, @*xHBUEW180	@*xSBUEW180, @*xHBUEW180	Polyurethane	-	Polyamide	-	180
@*xSPEW/130	@*xSPEW/130	Polyester-imide	-	-	-	130[#]

[#] - The magnet wire may perform better than the rating reflects and may not be suitable for insulation system, varnish or end-product testing. Further consideration is necessary prior to its use in testing.

* - May be prefixed by LZ, USTC, UDTC, USAC, UDATC, UDHTC, USHTC, ML or EW. Where LZ-sgnifies magnet wires twisted together; USTC-iInclude single layer polyester filament yarn covering; UDTC-include double layer polyester filament yarn covering; USAC-include one layer bondable filber cover; UDATC- include one layer of normal fiber cover and another bondable fiber cover; UDHTC-include one layer of normal fiber cover and another bondable fiber cover by hot air; USHTC-include litz wire with one layer of bondable fiber cover by hot air; ML-include litz wire with Mylar cover; EW-include litz wire with extruded PA jacket.

@ - May have a suffix \`rectangular size\` to denote the wire is also suitable for rectangular magnet wire.

X - Where x may be replaced by 0 thru 10 denoting the coating thickness.

Marking: Company name, material designation or marked designation and the Recognized Component Mark, on the shipping spool label or smallest unit container in which the product is packaged.

Last Updated on 2016-02-18

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