



**NOTES:**

**1. Electrical Specifications:**

- Meets USB 2.0 specifications
- Low level Contact Resistance: 30 mOhm max.
- Insulation Resistance 1000 MOhm min.
- Current Rating: 1.5 A max. @ 25°C
- DWV: 500 VAC/60s at sea level

Ⓒ Connector Operating Temperature: -40°C to +80°C

**2. Material and Finish:**

- Coupling Ring: Polyester (Black); Metallized ABS, UL94 V-0
- Ⓒ or Zinc Die-Cast, Powercron 590-534 (PPG), Black
- Plug Housing: Polyester (Black) or Metallized ABS, UL94 V-0,
- Interfacial Seal: Silicone, Color: White
- Cable Gland: PA (Black); UL94 V-0 or Brass, Nickel Plated
- Cable Gland Seal: NBR, Color: Black
- Cable Gland Insert (Metal Version): Nylon, Color: White
- USB Insulator: PBT, UL 94V-0, Color: White
- USB Overmold: PVC, UL94 V-0, Color: Black
- USB Metal Shell: SPCC. Nickel plated
- USB Contact: Copper Alloy, 30 u" min. Au over 40 u" min. Nickel Plated

**3. Shielded USB Cable Configuration**

**AWM 2725 AWG28/1p + AWG24/2c, OD: 4.5 mm Color: black**

Directive 2002/95/EC RoHS Compliant

Ⓒ  
Ⓓ  
Ⓔ  
Ⓕ

Cable Length	Part Number		
	Plastic Version	Metallized Plastic Version	Powercron Finished Zinc Die-Cast Version
L			
0.25 ± 0.01 m	17-230071	17-230081	17-230141
1 ± 0.02 m	17-200221	17-230091	17-230151
1.5 ± 0.03 m	17-230471		
2 ± 0.03 m	17-200231	17-230101	17-230161
3 ± 0.04 m	17-200241	17-230111	17-230171
4 ± 0.05 m	17-200251	17-230121	17-230181
4.5 ± 0.05 m	17-200261	17-230131	17-230191

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	Name	Title	Approval Date	0 PLC ±0.30	1 PLC ±0.20		Material: See Notes  Title: USB Patch Cord USB 2.0 Type A Plug (Industrial) to USB 2.0 Type A Plug (Standard)	Drawing No.: 17K1A106  Part No.: SEE P/N ABOVE	DIN A3 Sheet 1/1
				2 PLC ±0.10	3 PLC ±0.05				
	f	1 x f	Aug/15/2017	Vincent Ke	Draw.	Sept. 23			
e	2 x e	Mar/27/2013	Vincent Ke	Appd.	Sept. 23	J. chaudry			
d	2 x d	Oct/24/2012	Vincent Ke	Norm					
c	1 x c	Sep/13/2012	Vincent ke	D-old					
b	1 x b	Jan/19/2009	Vincent ke						
a	original								
Rev.	Changes	Date	Name						