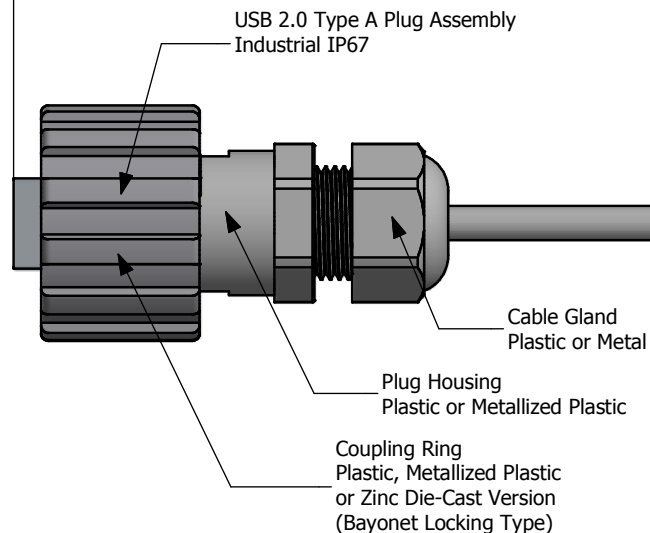




NOTES:

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

USB 2.0 Type A Plug
(Standard)

Ⓒ
Ⓓ
Ⓔ
Ⓕ

Cable Length	Part Number		
L	Plastic Version	Metallized Plastic Version	Powercron Finished Zinc Die-Cast Version
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

Customer:				Tolerance Unless otherwise specified		Autodesk Inventor	Scale:	Dim. in m
				0 PLC ± 0.30	1 PLC ± 0.20			
Name				Title		Approval Date		Material: See Notes
f				1 x f		Aug/15/2017		
e				2 x e		Mar/27/2013		
d				2 x d		Oct/24/2012		
c				1 x c		Sep/13/2012		
b				1 x b		Jan/19/2009		
a				original				
Rev.				Changes		Date		
Name				Date		Name		
2008				Date		Name		
Draw.				Sept. 23		Vincent Ke		
Appd.				Sept. 23		J. chaudry		
Norm								
D-old								
CONEC THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY MANNER WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC CORPORATION.				Title:		USB Patch Cord		
				USB 2.0 Type A Plug (Industrial) to USB 2.0 Type A Plug (Standard)				
Drawing No.:				17K1A106		DIN A3		
Part No.:				SEE P/N ABOVE		Sheet 1/1		