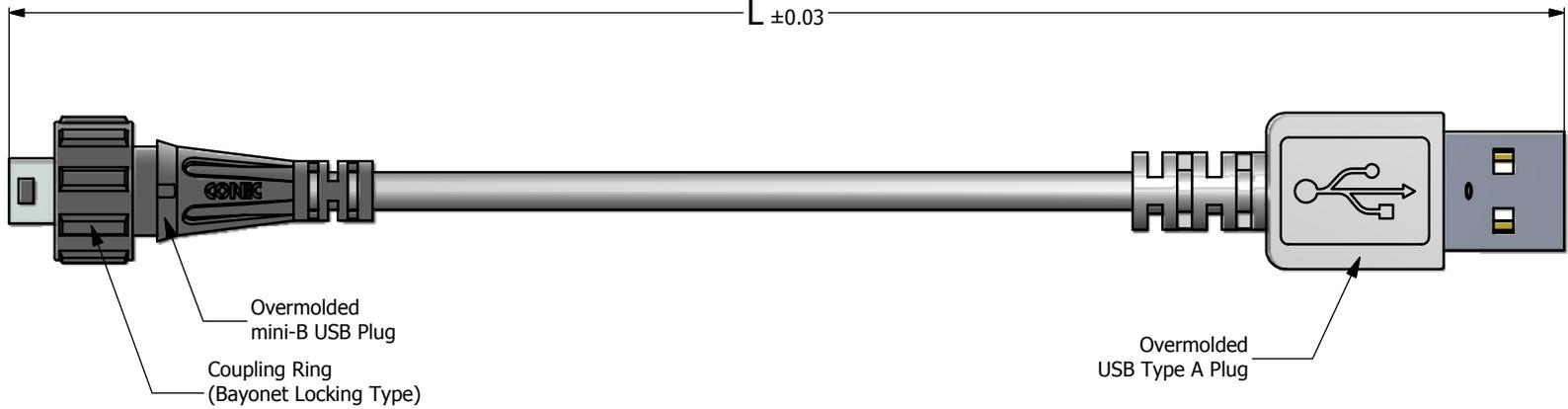


Interfacial Gasket



Overmolded mini-B USB Plug
Coupling Ring (Bayonet Locking Type)

Overmolded USB Type A Plug

NOTES:

1. Electrical Specifications:

- Meets USB 2.0 Specifications
- Low level Contact Resistance:
 - 50 mOhm max. for mini USB
 - 30 mOhm max. for USB
- Insulation Resistance 100 MOhm min.
- Currant Rating: 1.0 A max. @ 25°C
- DWV: 100 VAC/60s at sea level
- Connector Operating Temperature: -40°C to +80°C

2. Material and Finish:

- mini USB Coupling Ring: PBT (Black); UL94 V-0
- mini USB Overmold: PVC (Black); UL94 V-0
- mini USB Insulator: PBT, UL 94V-0, Black
- Gasket: Silicone, Transparent
- USB Insulator: PBT, UL 94V-0, Color: White
- USB Overmold: PVC, UL94 V-0, Color: Black
- mini USB & USB Metal Shell: Steel, Nickel plated
- mini USB & USB Contact: Copper Alloy, 30 u" min. Au over 40 u" min. Ni Plated

3. Shielded USB Cable Configuration

AWM 2725 AWG28/1p + AWG28/2c, OD: 3.5 mm Color: black

4. RoHS compliant

5. IP67 rated when fully mated with appropriate mating connector

Directive 2002/95/EC RoHS Compliant

Cable Length L	Part Number
2 m	17-250031
3 m	17-250041
5 m	17-250051

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	Name	Title	Approval Date	0 PLC ±0.30	1 PLC ±0.20		Autodesk Inventor	Material: See Notes	
				2 PLC ±0.10	3 PLC ±0.05	Draw. May 05 Vincent Ke	Title: USB Patch Cords IP67 mini-B USB Plug to Standard USB Type A Plug		
				ANGLES ±1°		Appd. May 05 J. Cahudry			
				2011	Date	Name			
						Norm	Drawing No.: 17K1A140		DIN A3
						D-old	Part No.: SEE P/N ABOVE		Sheet 1/1

