



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



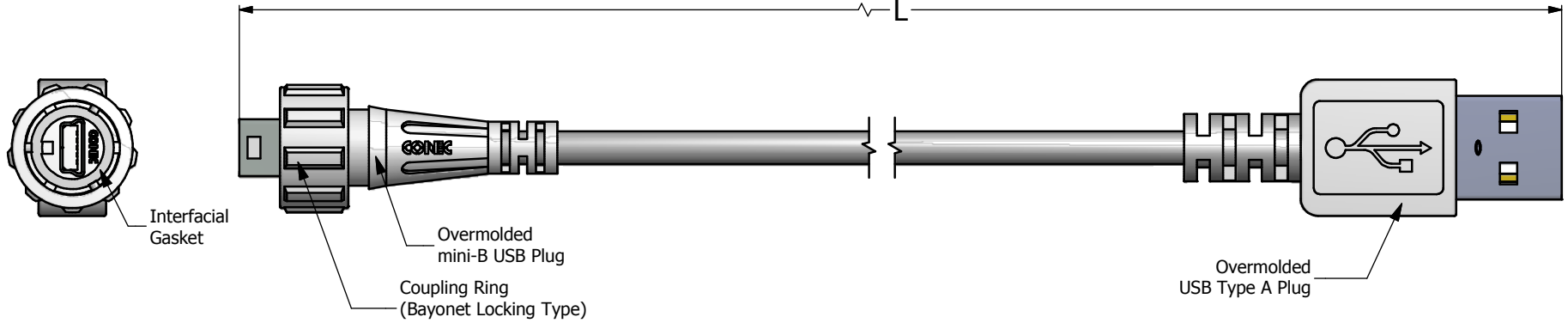
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NOTES:

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.
- Current 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. IP67 rated when fully mated with appropriate mating connector

Pin-Assignments

mini-B USB Plug	USB Cable	USB Type A Plug
Pin1 -----	Red -----	Pin1
Pin2 -----	White -----	Pin2
Pin3 -----	Green -----	Pin3
Pin4 -----	Not Connected	
Pin5 -----	Black -----	Pin4
Shell -----	Braid + Drain -----	Shell

ⓑ	Cable Length L	Part Number
Ⓒ	2 m +/-0.1m	17-250031
	3 m +/-0.1m	17-250041
	5 m +/-0.1m	17-250051

RoHS Compliant

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	Name	Title	Approval Date			Material: See Notes		
				2011	Date	Name	Title: USB Patch Cords IP67 mini-B USB Plug to Standard USB Type A Plug	
				Draw.	May 05	Vincent Ke		
				Appd.	May 05	J. Cahudry		
				Norm		Drawing No.: 17K1A140		
	c	1 x c	Mar/27/2015	Vincent Ke	D-old	Part No.: SEE P/N ABOVE		
	b	1 x b	Feb/09/2015	Vincent Ke		DIN A3		
	a	original				Sheet 1/1		
	Rev.	Changes	Date	Name				