



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!



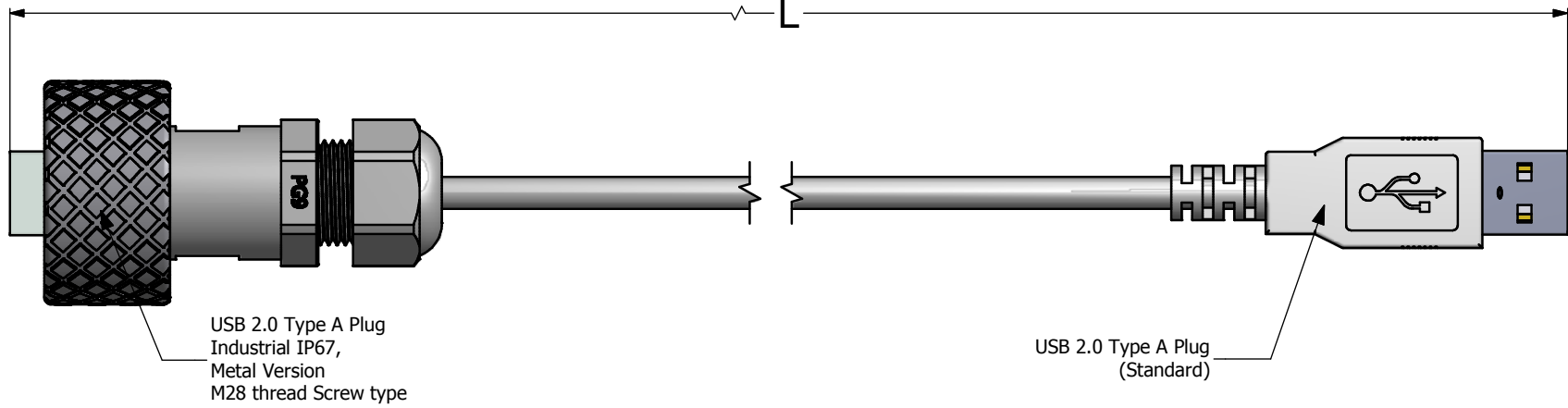
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USB 2.0 Type A Plug  
Industrial IP67,  
Metal Version  
M28 thread Screw type

USB 2.0 Type A Plug  
(Standard)

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

**2. Material and Finish:**

- Coupling Ring: Brass, Nickel Plated
- Plug Housing: ABS, UL94 V-0, Nickel Plated
- Interfacial Seal: Silicone, Color: White
- Cable Gland: Brass, Nickel Plated
- Cable Gland Seal: NBR, Color: Black
- USB Insulator: PBT, UL 94V-0, Color: White
- USB Overmold: PVC, UL 94V-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**

**RoHS Compliant**

Cable Length L	Part Number
0.5 m ± 0.01 m	17-230431
1 m ± 0.01 m	17-230441
2 m ± 0.02 m	17-200371
3 m ± 0.03 m	17-200381
4.5 m ± 0.05 m	17-200391

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	Name	Title	Approval Date			Material: See Notes	
				2008	Date	Name	Title: <b>USB Patch Cord (Metal Version)          USB 2.0 Type A Plug (Industrial)          to USB 2.0 Type A Plug (Standard)</b>
				Draw.	Oct.31	Vincent Ke	
				Appd.	Oct.31	J. chaudry	
c	1 x c	May/12/2016	Vincent Ke	Norm		Drawing No.: 17K1A117	DIN A3
b		Jan/19/2009	Vincent Ke			Part No.: SEE P/N ABOVE	Sheet 1/1
a	original						
Rev.	Changes	Date	Name				