



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!



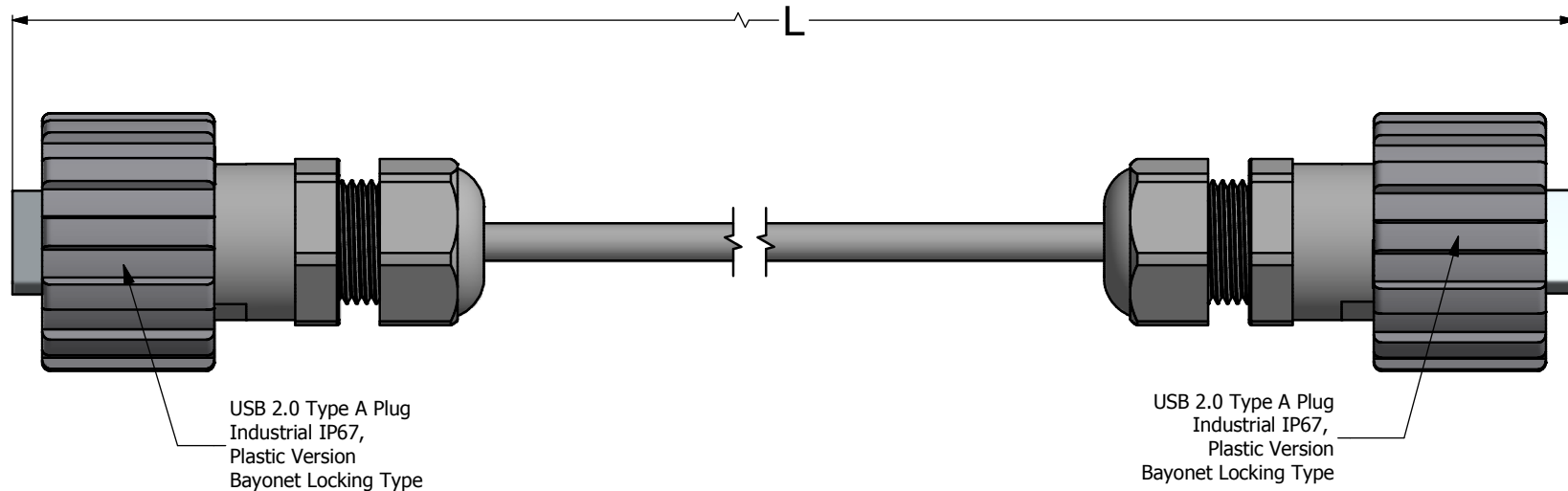
## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: [info@chipsmall.com](mailto:info@chipsmall.com) Web: [www.chipsmall.com](http://www.chipsmall.com)

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





#### 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: Polyester (Black); UL94 V-0
- Plug Housing: Polyester (Black); UL94 V-0
- Interfacial Seal: Silicone, Color: White
- Cable Gland: PA (Black); UL94 V-0
- Cable Gland Seal: NBR, Color: Black
- USB Insulator: PBT, UL 94V-0, Color: White
- 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

② ③ ④	Cable Length L	Part Number
	0.46 m +/- 0.01m	17-230361
	1 m +/- 0.03m	17-200271
	2 m +/- 0.05m	17-200281
	3 m +/- 0.05m	17-200291
	4 m +/-0.08m	17-200301
	4.5 m +/-0.08m	17-200311

Customer:			Tolerance Unless otherwise specified			Scale: 1.7:1	Dim. in
Name	Title	Approval Date	0 PLC	± 0.30		Material: See Notes	
			1 PLC	± 0.20			
			2 PLC	± 0.10			
			3 PLC	± 0.05		Title: USB Patch Cord USB 2.0 Type A Plug (Industrial) to USB 2.0 Type A Plug (Industrial)	
			ANGLES	± 1°			
d	1 x d	Feb/26/2014	Vincent Ke	Norm		Drawing No.: 17K1A107	
c	1 x c	May/08/2013	Vincent Ke	D-old			
b	1 x b	Jan/19/2009	Vincent ke			Part No.: SEE P/N ABOVE	
a	original						
Rev.	Changes	Date	Name				

**CONEC**

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