



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	0 PLC ± 0.30	1 PLC ± 0.20		Autodesk Inventor Inventor J. chaudry	Material: See Notes
				2 PLC ± 0.10	3 PLC ± 0.05	Title: USB Patch Cord (Metal Version) USB 2.0 Type A Plug (Industrial) to USB 2.0 Type A Plug (Standard)		
				ANGLES ± 1'			Norm D-old	
	c	1 x c	May/12/2016	Vincent Ke	2008	Date		Name
b		Jan/19/2009	Vincent Ke	Draw.	Oct.31	Vincent Ke		
a	original			Appd.	Oct.31	J. chaudry		
Rev.	Changes	Date	Name			Drawing No.: 17K1A117 Part No.: SEE P/N ABOVE		DIN A3 Sheet 1/1