



Notes:

1. Electrical Specifications:
 - Meets USB 2.0 Specification
 - Contact Resistance: 30 mOhm max.
 - Insulation Resistance: 1000 MOhm min. @ 100 VDC
 - Current Rating: 1.5 A max. at 25°C
 - Working Voltage: 30 V (RMS) max.
 - DWV: 500 VAC/60s at sea Level
 - Operating Temperature: -40°C to +85°C
2. Material and Finish:
 - Coupling Ring and Plug Housing: Polyester (Black), UL94 V-0 or Metallized ABS (Nickel Plated), UL94 V-0
 - Interfacial Seal: Silicon, Color: White
 - Cable Fitting: PA (Black), UL94 V-0
 - Cable Fitting Rubber Ring: NBR, Color: Black
 - USB Metal Shell: SPCC, Nickel Plated
 - USB Insulator: PBT, UL94 V-0, White
 - USB Contacts: Copper Alloy,
 - USB Contact Finish: 30 u" Gold min. over Nickel for mating area, Tin over Nickel for solder cup
3. USB Type A Plug accepts AWG28 to AWG24 wires, Cable with outer Diameter of 4.06 mm to 5.21 mm
4. Cable Fitting accepts Cable Outer Diameter Range of 4 mm to 8 mm
5. IP67 rated when covered or fully mated with appropriate mating connector

Directive 2002/95/EC RoHS Compliant

(d)	(e)	Description	"A"	Part Number
		Plastic Version with Interfacial Seal	18.9mm REF.	17-200151
		Plastic Version without Interfacial Seal	18.9mm REF.	17-220001
		Metallized Plastic Version with Interfacial Seal	17.9mm REF.	17-200731
		Metallized Plastic Version without Interfacial Seal	17.9mm REF.	17-220011

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	Name	Title	Approval Date	0 PLC ±0.50	1 PLC ±0.38		Autodesk Inventor Material: See Notes	Title: IP67 USB USB Cable Strain Relief Assembly Kit with Solder Cup USB 2.0 Type A plug
	e	1 x e	Jul/24/2012	Vincent Ke	2 PLC ±0.25	2008 Date Name Draw. Sept. 09 Vincent Ke Appd. Sept. 09 J. Chaudry		
	d	1 x d	Mar/18/2010	Vincent Ke	3 PLC ±0.10	Norm c Nov/26/2009 Vincent Ke D-old	Drawing No.: 17K1A009 Part No.: SEE PART NUMBER TABLE	DIN A3
	b		Jun/01/2009	Vincent Ke	ANGLES ±3°			Sheet 1/1
a	original				Rev. Changes Date Name			