Additional Resources: Product Page | 3D Model

# **CUI** DEVICES

**date** 06/10/2020

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**MODEL:** PP-017 | **DESCRIPTION:** DC POWER PLUG

#### **FEATURES**

- cable mount
- 2 A current rating
- hexagonal cover





### **SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				2	А
contact resistance	between plug and jack			30	mΩ
insulation resistance	at 500 Vdc	100			МΩ
voltage withstand	for 1 minute			500	Vac
insertion force	when mating with a standard jack	0.5		2.5	kgf
withdrawal force	when mating with a standard jack	0.3		2.0	kgf
operating temperature		-25		70	°C
operating humidity				85	%
life			5,000		cycles
flammability rating	see material table				
RoHS	yes				

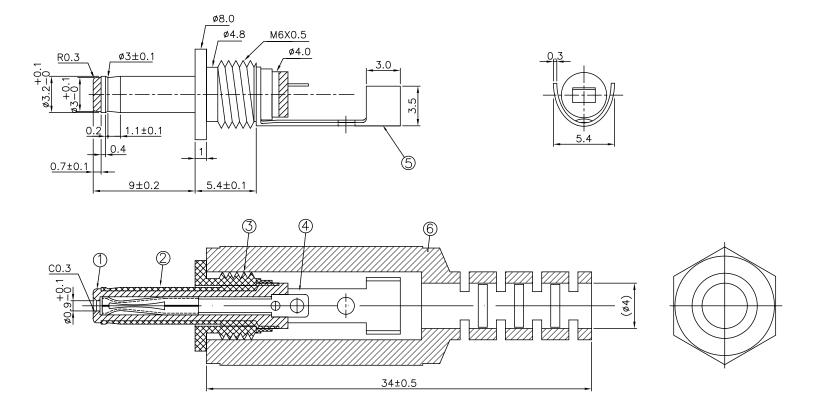
### **SOLDERABILITY**

parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 1 second	380	400	420	°C

### **MECHANICAL DRAWING**

units: mm tolerance: X≤1.0: ±0.1 mm 1.0<X≤6.0: ±0.2 mm 6.0<X≤12.0: ±0.3 mm 12.0<X≤25.0: ±0.4 mm X>25.0: ±0.5 mm unless otherwise noted

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	insulator	PVC (UL9HB)	black
2	outer barrel	brass	nickel
3	body	brass	nickel
4	center contact	phosphor bronze	nickel
5	crimp contact	brass	nickel
6	cover	PVC (UL94HB)	black



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#### **REVISION HISTORY**

rev.	description	date	
1.0	initial release	03/29/2007	
1.01	brand update	06/10/2020	

The revision history provided is for informational purposes only and is believed to be accurate.

## **CUI** DEVICES

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