

MODEL: PP3-012 | DESCRIPTION: DC POWER PLUG

FEATURES

- yellow tip insulator
- 2 A current rating
- round cover





SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			20		Vdc
rated input current				2	А
contact resistance	between plug and jack			30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
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	kgf
operating temperature		-25		70	°C
operating humidity				85	%
life			5,000		cycles
flammability rating	see material table				
RoHS	yes				

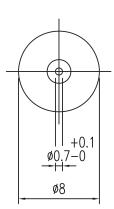
SOLDERABILITY

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

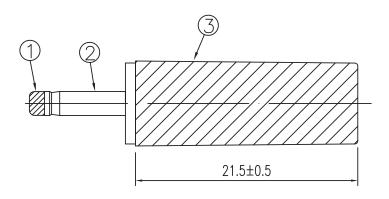
MECHANICAL DRAWING

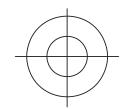
units: mm tolerance: X≤1.0: ±0.1 mm 1.0<X≤6.0: ±0.2 mm 6.0<X≤12.0: ±0.3 mm 12.0<X≤25.0: ±0.4 mm X>25.0: ±0.5 mm unless otherwise noted

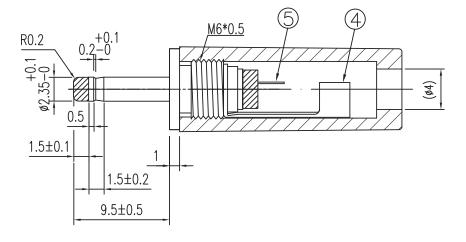
ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	insulator	POM (UL94HB)	yellow
2	outer barrel	brass	nickel
3	cover	ABS (UL94HB)	black
4	crimp contact	brass	nickel
5	center contact	phosphor bronze	nickel



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REVISION HISTORY

rev.	description	date	
1.0	initial release	06/15/2018	

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



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CUI offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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