

date 06/18/2018

page 1 of 3

MODEL: PPM-2-5525-SG-WT | DESCRIPTION: DC POWER PLUG

FEATURES

- designed for overmolding
- 7 A rating
- forked pin
- grooved





SPECIFICATIONS

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parameter	conditions/description	min	typ	max	units
rated input voltage			20		Vdc
rated input current				7	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	0.3		3.0	kgf
withdrawal force	when mating with a standard jack	0.3		3.0	kgf
operating temperature		-25		70	°C
operating humidity				85	%
life			5,000		cycles
flammability rating	see material table				
RoHS	yes				

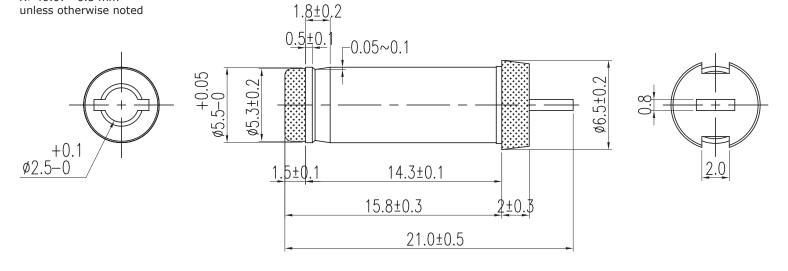
SOLDERABILITY

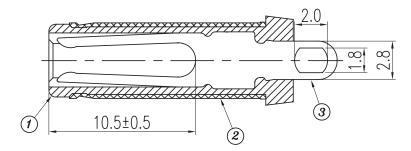
parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 1 second	380	400	420	°C

MECHANICAL DRAWING

units: mm tolerance: X≤1.0: ±0.1 mm 1.0<X≤6.0: ±0.2 mm 6.0<X≤18.0: ±0.3 mm 18.0<X≤40.0: ±0.4 mm X>40.0: ±0.5 mm

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	insulator	PBT (UL94V-0)	white
2	outer barrel	brass	nickel
3	center contact	phosphor bronze	nickel





REVISION HISTORY

rev.	description	date
1.0	initial release	06/18/2018

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



Headquarters 20050 SW 112th Ave. Tualatin, OR 97062 800.275.4899

Fax 503.612.2383 cui.com techsupport@cui.com

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

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