CUI DEVICES

date 11/08/2019

page 1 of 3

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

FEATURES

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





SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			20		Vdc
rated input current				8	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	0.3		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				

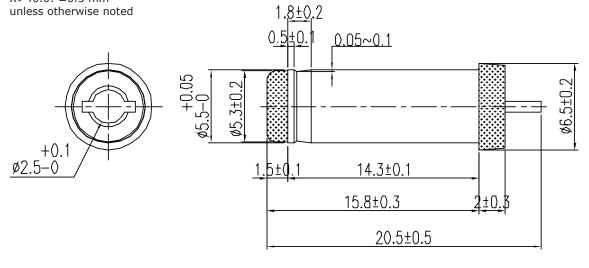
SOLDERABILITY

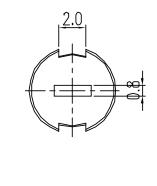
parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 1 second	380	400	420	°C

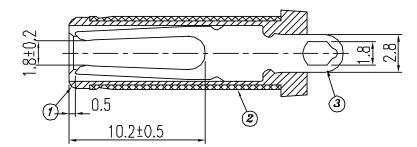
MECHANICAL DRAWING

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

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







Additional Resources: Product Page | 3D Model

CUI Devices | MODEL: PPM-2-5525-SG | DESCRIPTION: DC POWER PLUG date 11/08/2019 | page 3 of 3

REVISION HISTORY

rev.	description	date
1.0	initial release	06/18/2018
1.01	brand update	11/08/2019

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

CUI DEVICES

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

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