CUI DEVICES

MODEL: PP-2565-OM | DESCRIPTION: DC POWER PLUG

FEATURES
- 8 A current rating
- 3.0 x 6.5 mm
- designed for overmolding



RoHS

SPECIFICATIONS

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

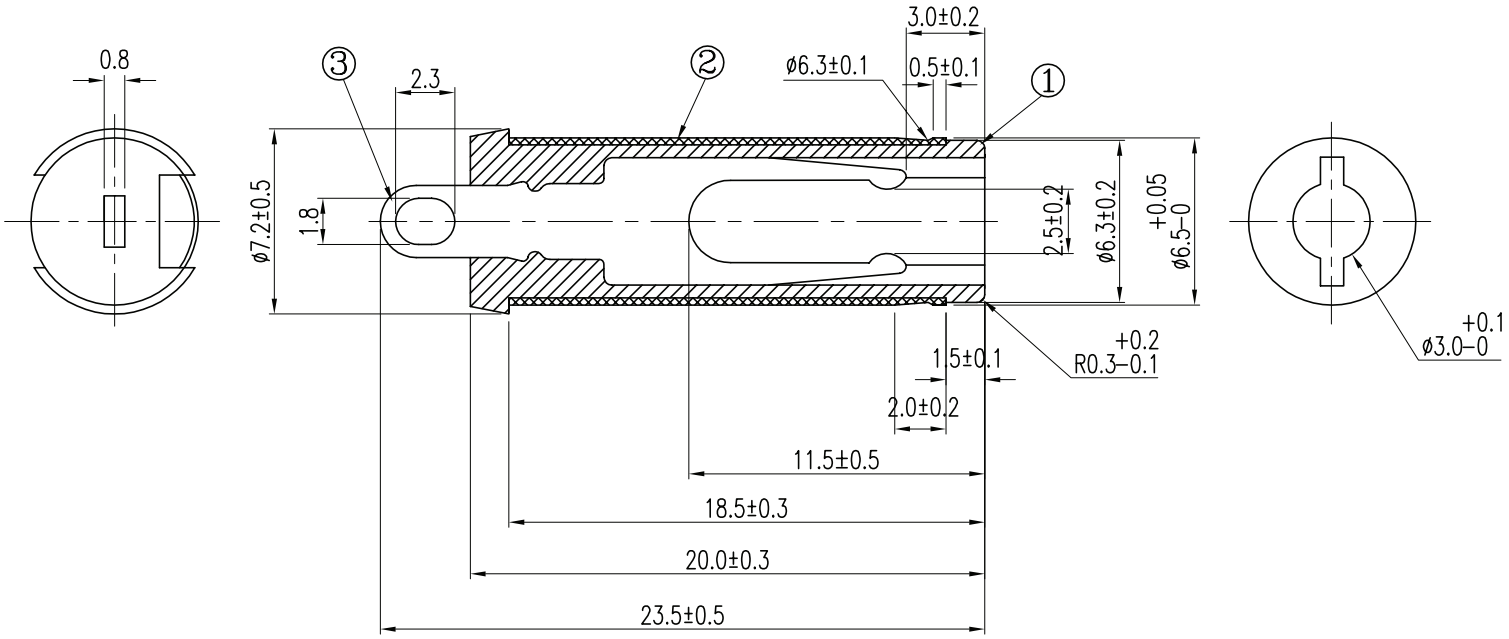
SOLDERABILITY

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

MECHANICAL DRAWING

units: mm
tolerance:
X≤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
unless otherwise noted

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



REVISION HISTORY

rev.	description	date
1.0	initial release	07/17/2020

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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Same Sky:

RCJ-2134 PJ-091H-MSMT-TR TS14-1212-120-BK-100-SCR-D CFM-5015V-150-290-20
TS02-66-130-BK-100-LCR-D TBL005A-500-15GY-2WT SJ1-3554NG MSS-102545-14A-90-D
PR23-24V-900-1A CFM-A238B-138-529 TS02-66-130-BK-260-SCR-D CMS-251405-24SP-X8
TS14-1212-60-BK-260-SCR-D CFM-4020V-050-165 CMS-3520-18N CFM-A225C-120-350
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