CUI DEVICES

date 11/13/2019

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MODEL: PR-2555B | **DESCRIPTION:** DC POWER RECEPTACLE

FEATURES

- designed for overmolding
- 8 A rating
- 2.5 mm center pin





SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			20		Vdc
rated input current				8	А
contact resistance	between plug and receptacle			30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion force	when mating with a standard plug	0.3		3	kgf
withdrawal force	when mating with a standard plug	0.3		3	kgf
operating temperature		-25		70	°C
operating humidity				85	%
life		5,000		cycles	
flammability rating	see material table				
RoHS	ves				

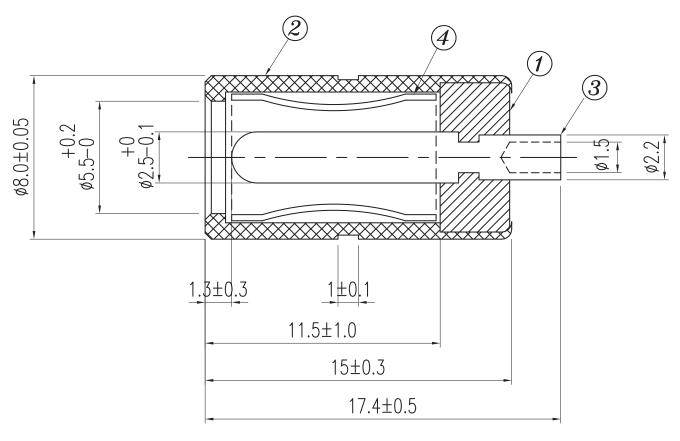
SOLDERABILITY

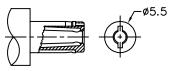
parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 1 second	380	400	420	°C

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 (UL94HB)	black
2	body	brass	nickel
3	center pin	brass	nickel
4	terminal 2	phosphor bronze	nickel





MATING PLUG Jack Insertion Depth: 11.5 mm

Schematic	
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Model No.	PR-2555B
Center Pin	Ø2.5 mm

Additional Resources: Product Page | 3D Model

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REVISION HISTORY

rev.	description	date
1.0	initial release	06/18/2018
1.01	brand update	11/13/2019

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

CUI DEVICES

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