

MODEL: PJ-008A | **DESCRIPTION:** DC POWER JACK

FEATURES

- 2.0 mm center pin
- 2.5 A rating
- right angle orientation
- panel mount

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				2.5	A
contact resistance	between terminal and mating plug			100	mΩ
	between terminal in a closed circuit			30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

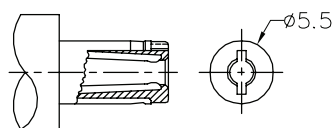
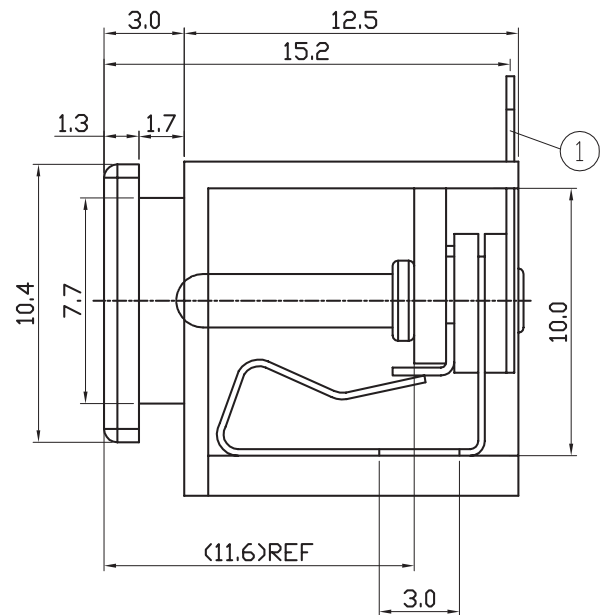
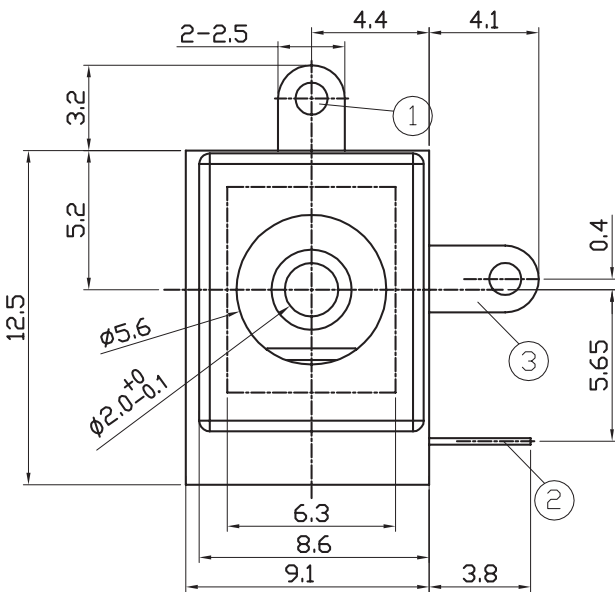
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering	for 3~4 seconds	340	350	360	°C


MECHANICAL DRAWING

units: mm
tolerance:
X.X ± 0.30 mm
X.XX ± 0.25 mm
X.XXX ± 0.20 mm
unless otherwise specified

DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	brass	CuSn
terminal 1	brass	silver
terminal 2	65 Mn steel	CuSn
terminal 3	brass	CuSn
housing	PBT (UL94V-0)	black



MATING PLUG
Jack Insertion Depth: 11.6 mm

Schematic	
Model	PJ-008A
Center Pin	Ø2.0 mm

REVISION HISTORY

rev.	description	date
1.0	initial release	04/17/2006
1.01	increased voltage rating	04/28/2016
1.02	brand update	10/29/2019
1.03	updated housing mold	07/01/2020
1.04	logo, datasheet style update	08/05/2022
1.05	product reengineered for improved manufacturability and production yield, see PCN for details	05/30/2023

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



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