MODEL: PJ-087 | DESCRIPTION: DC POWER JACK

FEATURES

- low profile design
- rated to 5A
- small PCB footprint



RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				5	A
contact resistance[1]	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	at 50/60Hz for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
terminal strength	any direction for 10 seconds			500	g
operating temperature		-25		85	°C
life			5,000		cycles
RoHS compliant	yes				

Notes: 1. When measured at a current of less than 100 mA / 1 kHz

SOLDERABILITY

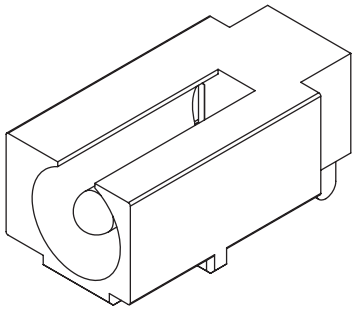
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5±0.5 seconds at	255	260	265	°C

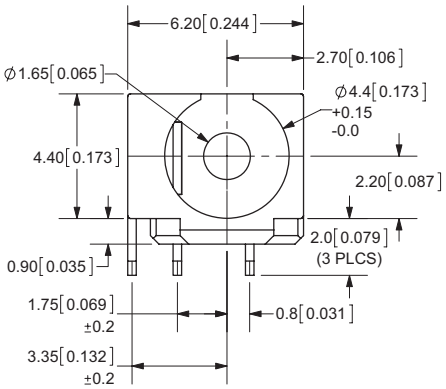
DISCONTINUED

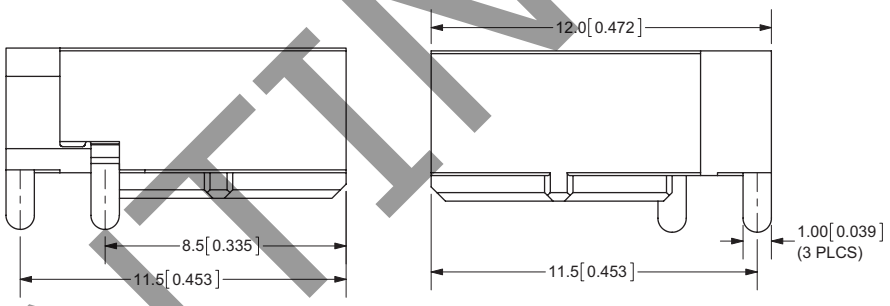
MECHANICAL DRAWING

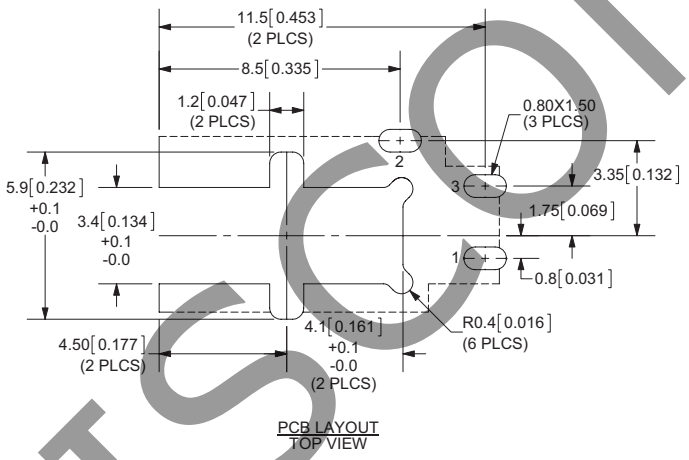
units: mm[inches]
tolerance:
X.X ±0.2mm
X.XX ±0.1mm
X.XXX ±0.05mm

	MATERIAL	PLATING
terminal 1	brass	silver
terminal 2	copper alloy	silver
terminal 3	brass	silver
plastic	PA66	

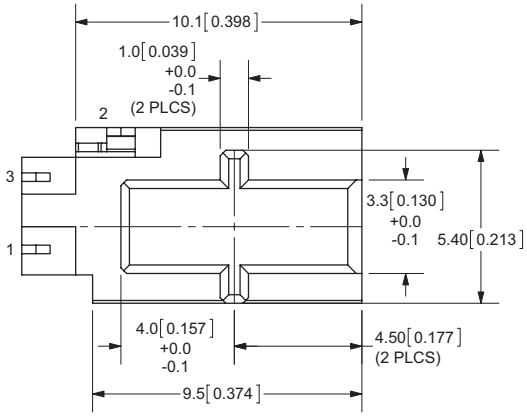


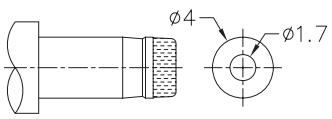




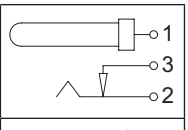


PCB LAYOUT
TOP VIEW





MATING PLUG
Jack Insertion Depth: 8.0mm

Schematic	
Model	Center Pin
PJ-087	ø1.65 mm

DISCONTINUED

REVISION HISTORY

rev.	description	date
1.0	initial release	04/04/2013
1.01	increased voltage rating	04/14/2016
1.02	brand update	10/25/2019
1.03	logo, datasheet style update	08/05/2022

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

DISCONTINUED

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