



**MODEL:** PJ-005B    **DESCRIPTION:** DC POWER JACK

**FEATURES**

- 2.5 mm center pin
- mounting hardware includes nut and washer
- panel mount



**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				5	A
contact resistance				30	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
operating temperature		-40		70	°C
life			5,000		cycles
flammability rating	plastic: UL94V-0 insulator: UL94HB				
RoHS	2011/65/EU				

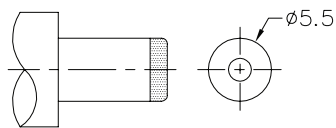
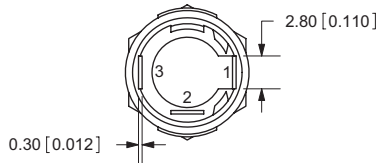
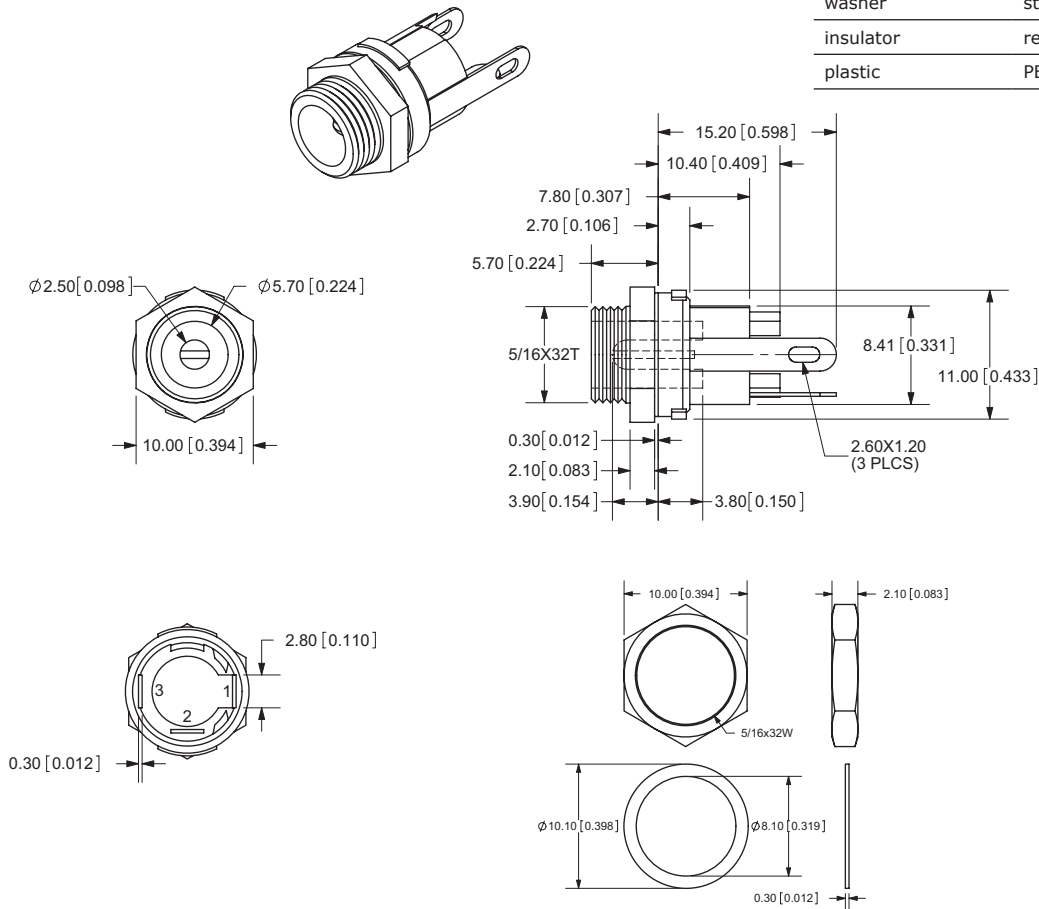
**SOLDERABILITY**

parameter	conditions/description	min	typ	max	units
hand soldering	for 3~5 seconds	295	300	305	°C

## MECHANICAL DRAWING

units: mm[inches]  
tolerance: ±0.3mm

	MATERIAL	PLATING
center pin	brass	nickel
terminal 1	brass	silver
terminal 2	phosphor bronze	silver
terminal 3	brass	silver
bushing	brass	nickel
nut	brass	nickel
washer	steel	nickel
insulator	red vulcanized fiber	
plastic	PBT	



**MATING PLUG**  
Jack Insertion Depth: 9.0 mm

SCHEMATIC	
Model	PJ-005B
Center Pin	$\phi 2.5$ mm

## REVISION HISTORY

rev.	description	date
1.0	initial release	01/30/2006
1.01	applied new spec template	05/06/2011
1.02	updated voltage and current rating	07/09/2014

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



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