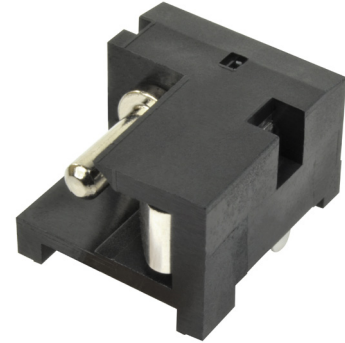




MODEL: PJ-003AH | **DESCRIPTION:** DC POWER JACK

FEATURES

- 2.0 mm center pin
- 5.0 A rating
- right-angle orientation
- through hole
- open frame



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	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life	at a rate of 24 cycles/minute		5,000		cycles
flammability rating	UL94V-0				
RoHS	2011/65/EU				

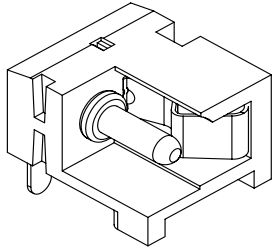
Note: 1. When measured at a current of less than 100 mA/1 kHz
2. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

SOLDERABILITY

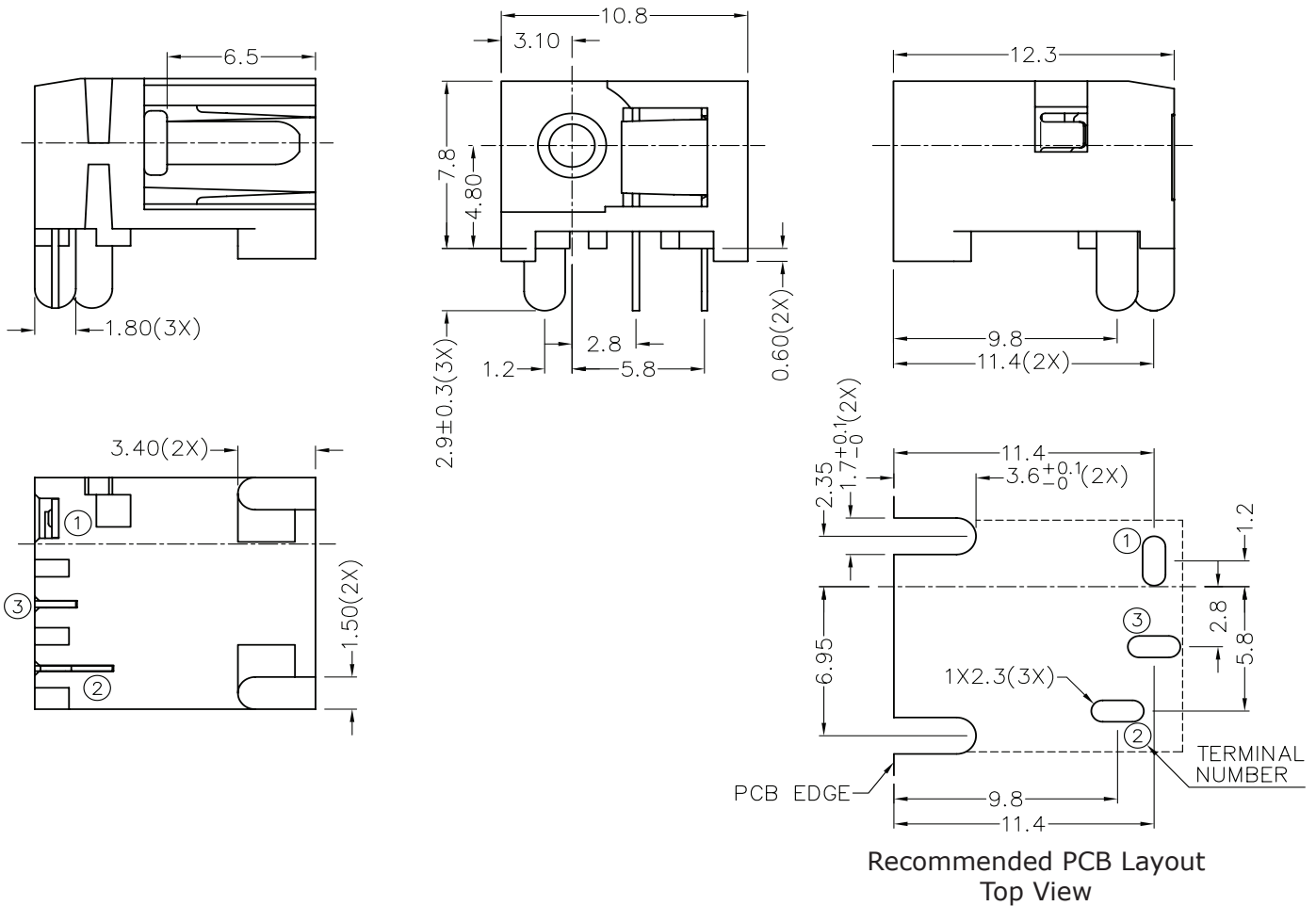
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°C

MECHANICAL DRAWING

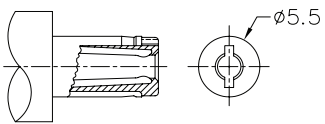
units: mm
 tolerance:
 X.X ±0.2 mm
 X.XX ±0.10 mm
 X.XXX ±0.050 mm
 PCB: ±0.05 mm



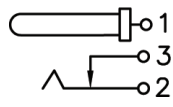
	MATERIAL	PLATING
center pin	copper	nickel
terminal 1	brass	silver
terminal 2	copper alloy	silver
terminal 3	brass	silver
plastic	PBT	



Recommended PCB Layout
Top View



MATING PLUG
 Jack Insertion Depth: 6.5 mm

SCHEMATIC	
Model	PJ-003AH
Center Pin	Ø2.0 mm

REVISION HISTORY

rev.	description	date
1.0	initial release	11/09/2005
1.01	model change	04/03/2006
1.02	applied new spec template	01/08/2015
1.03	changed mold design, increased voltage rating	02/28/2018

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



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