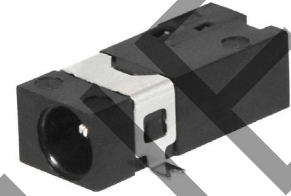


MODEL: PJ-094H-SMT-TR | **DESCRIPTION:** DC POWER JACK

FEATURES

- 0.65 mm center pin
- 2.5 A rating
- shielded
- surface mount
- 1 switch


SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				2.5	A
contact resistance ¹	between terminal and mating plug			50	mΩ
	between terminal in a closed circuit			30	mΩ
insulation resistance	at 500 Vdc between adjacent contacts	100			MΩ
voltage withstand	for 1 minute, 0.5 mA between adjacent contacts			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	yes				

Note:

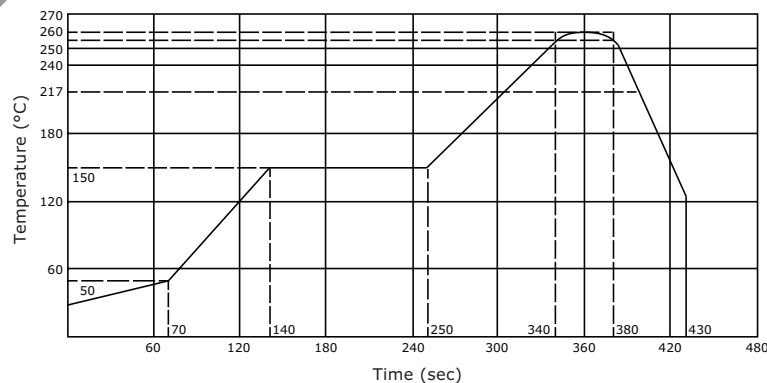
1. When measured at a current of less than 100 mA/1 kHz
2. All specifications measured at 10-35°C, humidity at 45-85%, under standard atmospheric pressure, unless otherwise noted.

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <80%			40	°C
reflow soldering ³	see reflow profile	255	260	265	°C
drying conditions ⁴	parts in reel: bake at 40°C ±5°C for 72 hours parts removed from reel: bake at 40°C ±5°C for 10 hours				

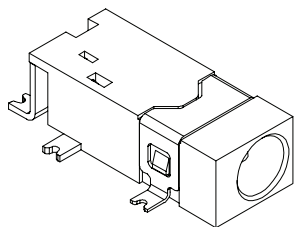
Note:

3. It is recommended to reflow solder within 72 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.
4. When exceeding floor life by >72 hours.

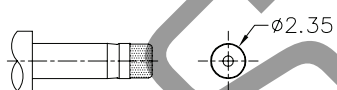
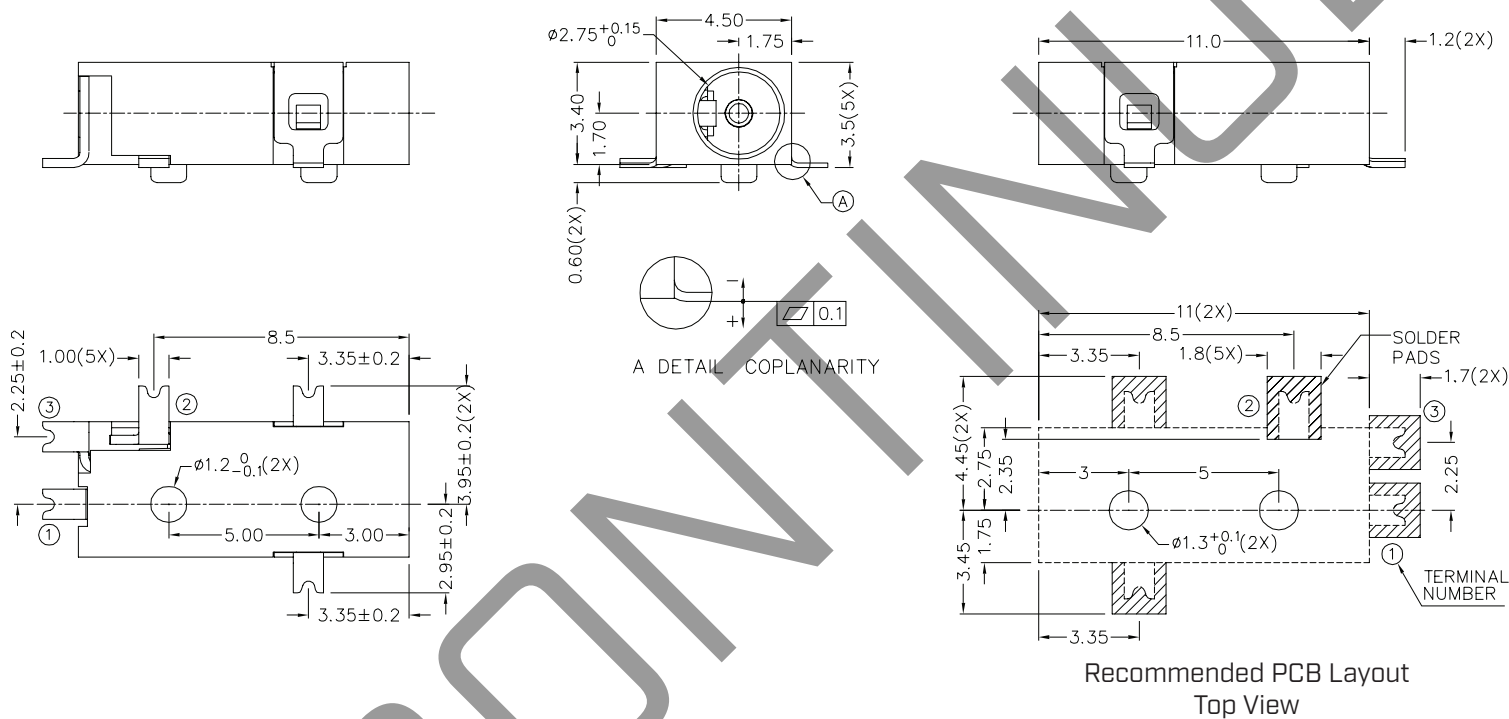


MECHANICAL DRAWING

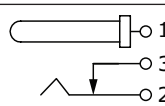
units: mm
 tolerance:
 X.X ± 0.2 mm
 X.XX ± 0.10 mm
 X.XXX ± 0.050 mm
 PCB: ± 0.05 mm



	MATERIAL	PLATING
center pin	brass	silver
terminal 1	brass	silver
terminal 2	copper alloy	silver
terminal 3	brass	silver
shield	copper alloy	nickel
insulator	PA10T	



MATING PLUG
 Jack Insertion Depth: 8 mm

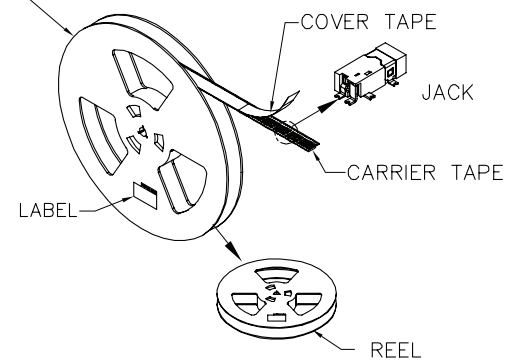
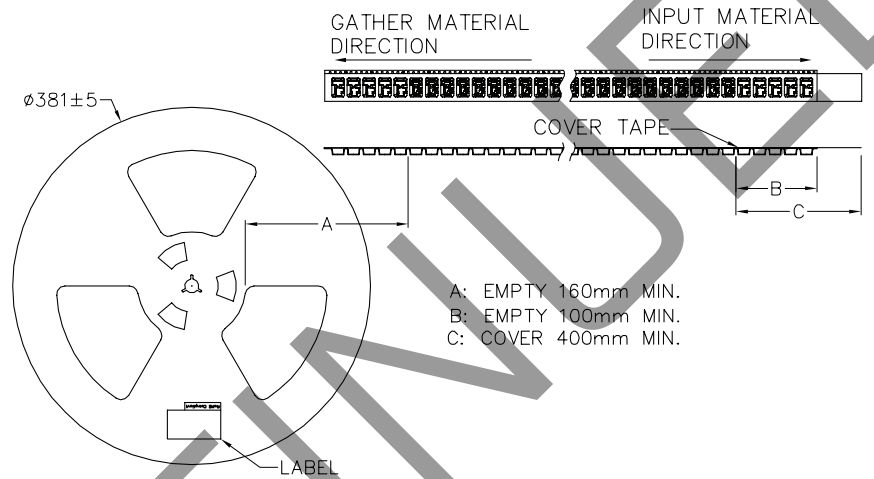
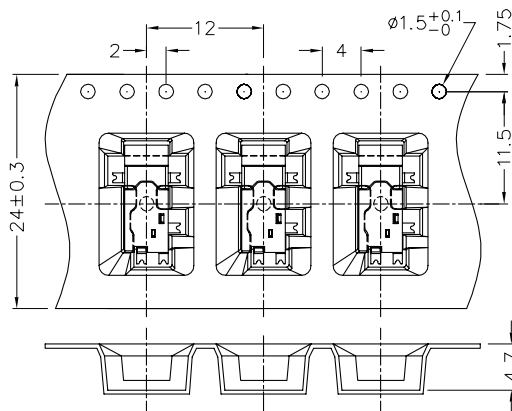
SCHEMATIC	
Model	PJ-094H-SMT-TR
Center Pin	$\varnothing 0.65$ mm

PACKAGING

units: mm

Reel Size: $\varnothing 381$ mm

Reel QTY: 1,600 pcs per reel



REVISION HISTORY

rev.	description	date
1.0	initial release	12/12/2018
1.01	brand update	10/21/2019
1.02	logo, datasheet style update	08/05/2022

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