MODEL: PJ-113H-TR | DESCRIPTION: DC POWER JACK

FEATURES

- 1.65 mm center pin
- reflow solder

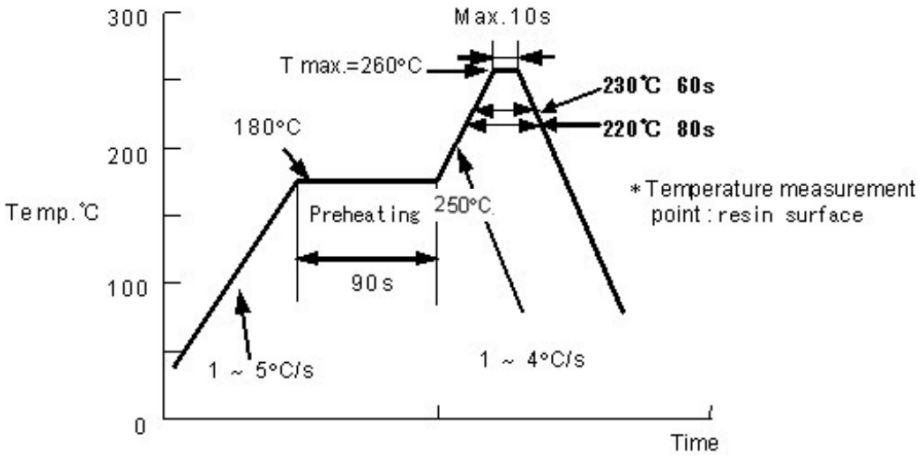
RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			20		Vdc
rated input current				3	A
contact resistance				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		-20		70	°C
storage temperature		-40		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

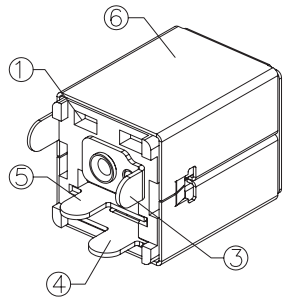
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	5~35°C, <75% humidity				°C
reflow soldering	see reflow profile			260	°C
drying conditions	bake at 120°C for 4 hours				

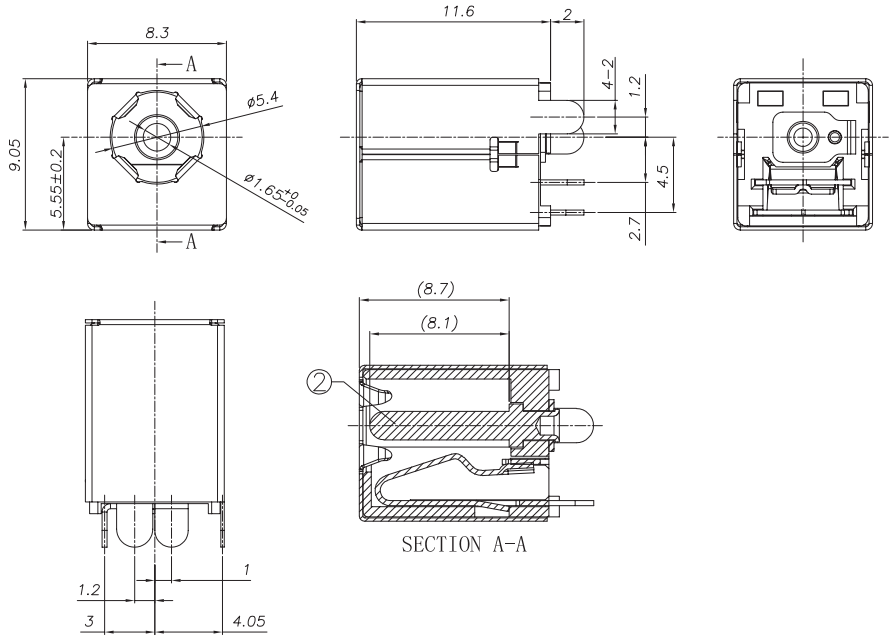


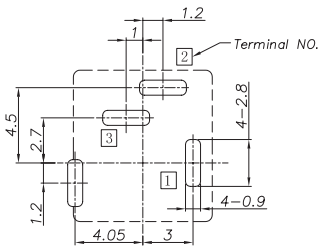
MECHANICAL DRAWING

units: mm
tolerance: ±0.30 mm
PCB: ±0.05 mm
unless otherwise specified
PCB thickness: 1.2~1.6 mm

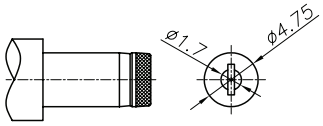


ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	housing	PA10T (UL94V-0)	black
2	center pin	copper alloy	nickel
3	terminal 1	brass t=0.30	silver
4	terminal 2	copper alloy t=0.30	silver
5	terminal 3	brass t=0.30	silver
6	shield	stainless steel t=0.20	nickel

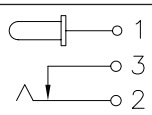




Recommended PCB Layout
Top View



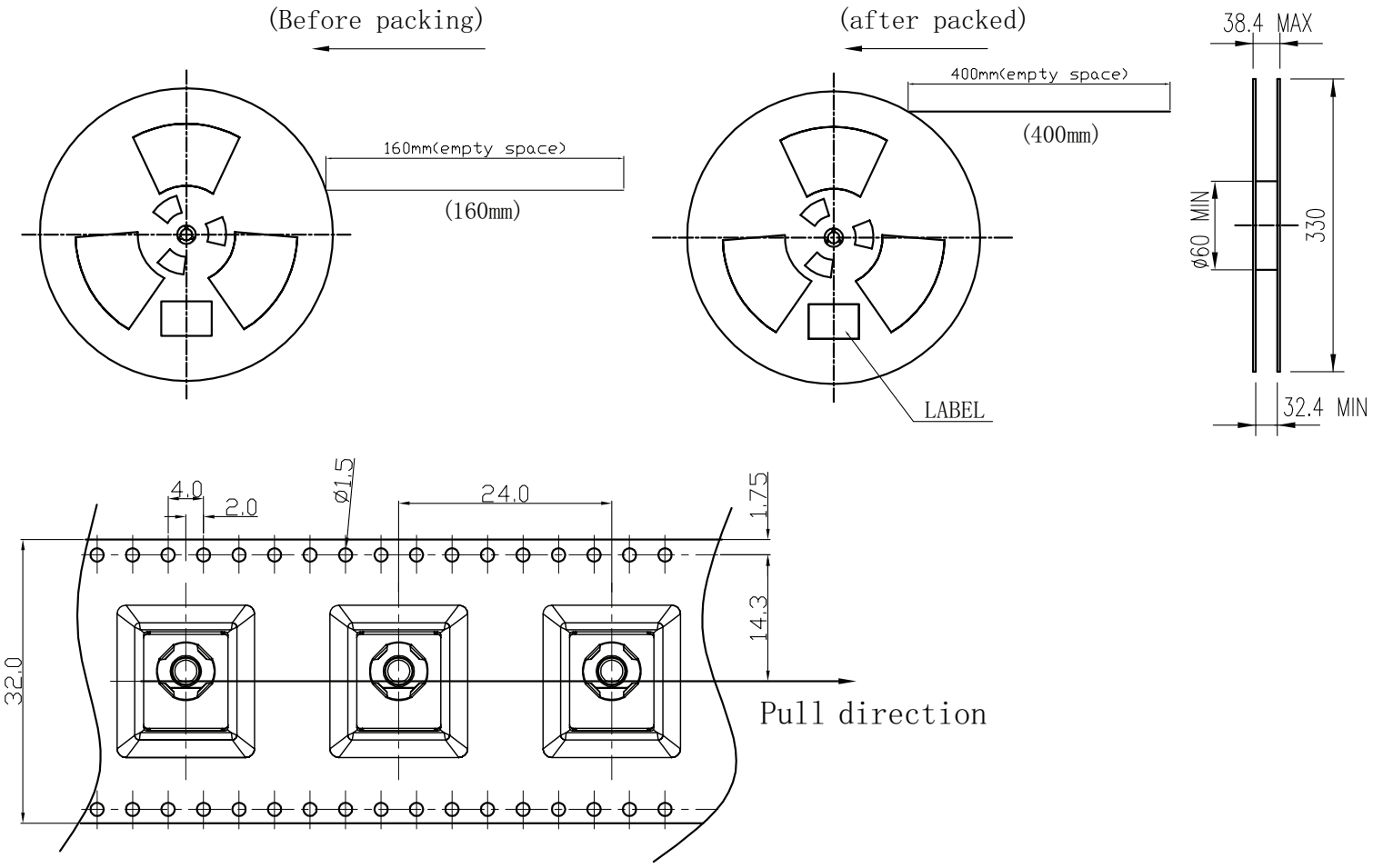
MATING PLUG
Jack Insertion Depth: 8.7 mm

Schematic	
Model	PJ-113H-TR
Center Pin	Ø1.65 mm

PACKAGING

units: mm

Reel Size: Ø330 mm
Reel QTY: 200 pcs per reel



REVISION HISTORY

rev.	description	date
1.0	initial release	09/25/2024

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