MODEL: PJ-014DH-SMT-TR | DESCRIPTION: DC POWER JACK

FEATURES

- low profile
- 3.5 A current rating



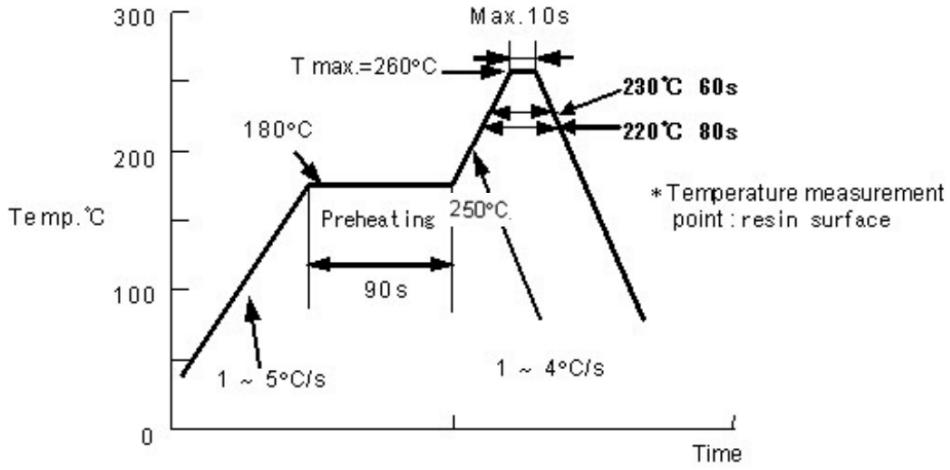
RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				3.5	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		-25		80	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

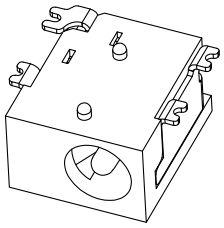
SOLDERABILITY

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				

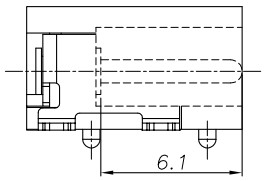


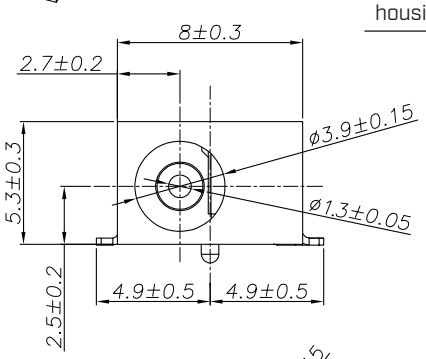
MECHANICAL DRAWING

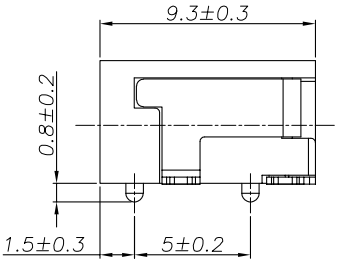
units: mm
tolerance: ±0.30 mm
PCB: ±0.05 mm
unless otherwise specified

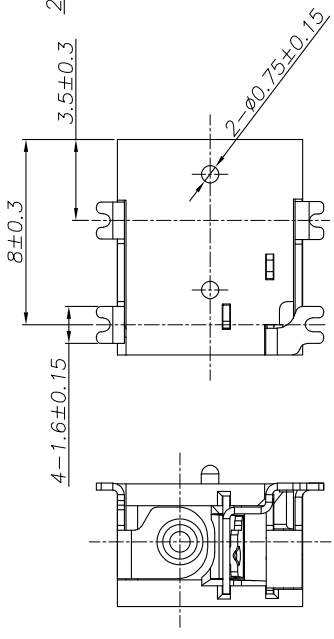


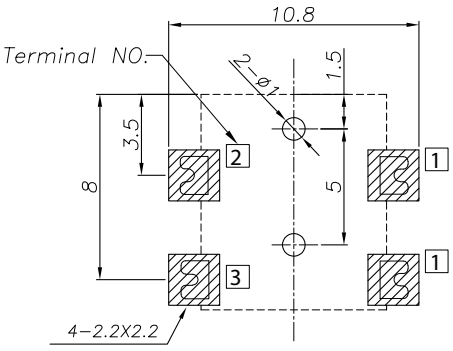
DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	brass	CuSn
terminal 1	brass t=0.30	silver
terminal 2	phosphor bronze t=0.30	silver
terminal 3	brass t=0.30	silver
housing	PA10T (UL94V-0)	black



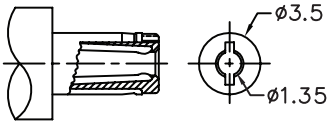




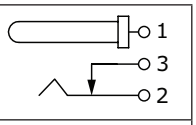




Recommended PCB Layout
Top View



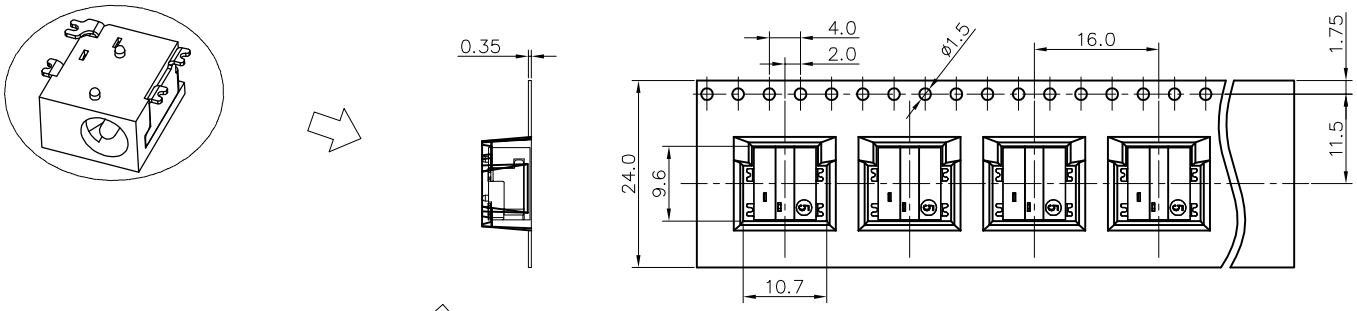
MATING PLUG
Jack Insertion Depth: 6.1 mm

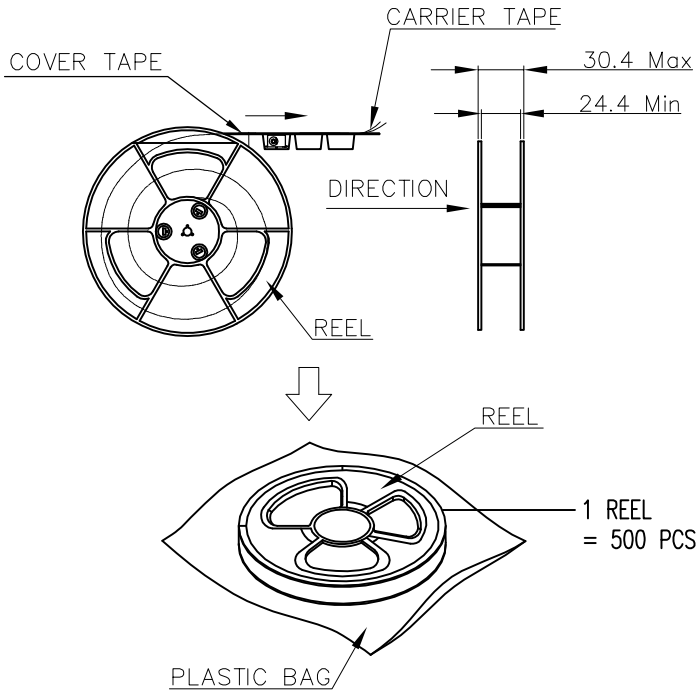
Schematic	
Model	PJ-014DH-SMT-TR
Center Pin	Ø1.3 mm

PACKAGING

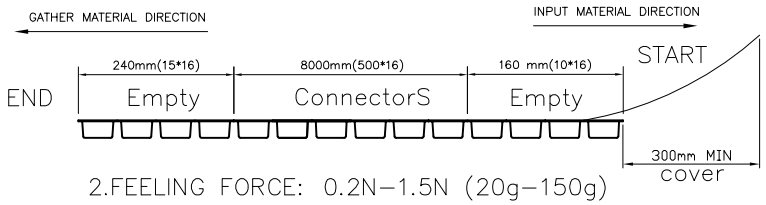
units: mm

Reel Size: Ø330 mm
Reel QTY: 500 pcs per reel





NOTE:
1.CARRIER TAPE PACKING LENGTH



2.FEELING FORCE: 0.2N–1.5N (20g–150g)

REVISION HISTORY

rev.	description	date
1.0	initial release	10/13/2005
1.01	updated template	06/24/2011
1.02	added TR package option	11/20/2012
1.03	increased voltage rating	05/03/2016
1.04	added storage and drying conditions, and tape and reel packaging details	08/30/2017
1.05	brand update	10/24/2019
1.06	logo, datasheet style update	08/05/2022
1.07	product reengineered for improved manufacturability and production yield, see PCN for details	12/19/2022
1.08	product reengineered for improved manufacturability and production yield, see PCN for details	04/17/2024

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

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