Additional Resources: Product Page



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MODEL: PJ-105BH-MSMT-TR | DESCRIPTION: DC POWER JACK

FEATURES

- 2.5 mm center pin
- reflow solder
- tape & reel packaging



ROHS

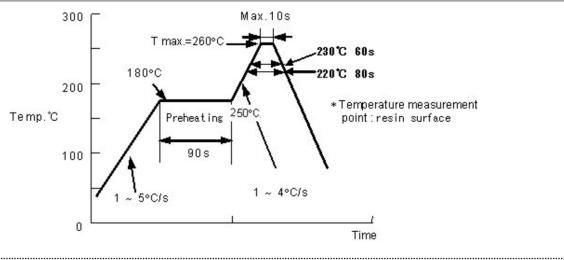
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			20		Vdc
rated input current				12	А
contact resistance				30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		1		3	kg
operating temperature		-20		70	°C
storage temperature		-40		85	°C
life			10,000		cycles
flammability rating	UL94V-0				
RoHS	Yes				

SOLDERABILITY

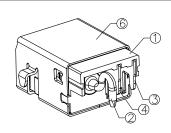
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parameter	conditions/description	min	typ	max	units
reel storage	5~35°C, <75% humidity				°C
reflow soldering	see reflow profile			260	°C
drying conditions	bake at 120°C for 4 hours				

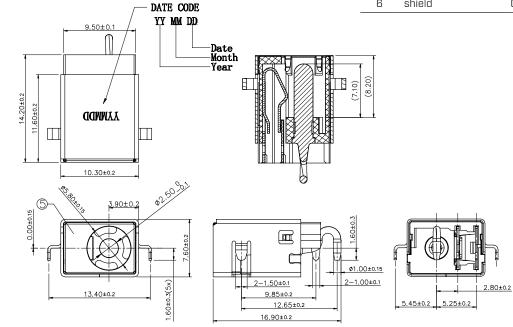


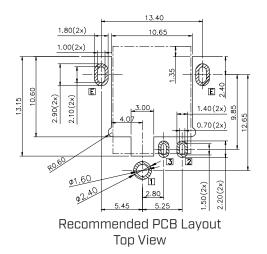
MECHANICAL DRAWING

units: mm tolerance: X.X: ±0.38 mm X.XX ±0.30 mm X.XXX: ±0.15 mm PCB: ±0.05 mm unless otherwise specified PCB thickness: 1.3 mm

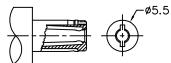


ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	housing	LCP (UL94V-0)	black
2	terminal 1	brass	gold flash over nickel
З	terminal 2	C5210-EH t=0.30	gold flash
4	terminal 3	C2680-H t=0.30	gold flash
5	ground	SUS301-H t=0.10	
6	shield	C2680-H t=0.35	1 µm nickel





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Schematic	✓ E ✓ 1 ✓ 3 ✓ 2
Model	PJ-105BH-MSMT-TR
Center Pin	Ø2.5 mm

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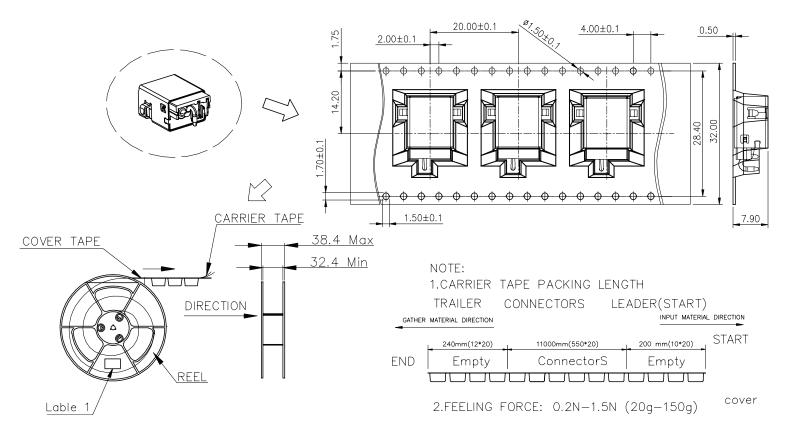
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PACKAGING

units: mm

Reel Size: Ø380 mm Reel QTY: 550 pcs per reel

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REVISION HISTORY

rev.	description	date
1.0	initial release	09/23/2024

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

Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

same sky

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PJ-105BH-MSMT-TR