

**MODEL:** PJ-030DH-SMT-TR | **DESCRIPTION:** DC POWER JACK**FEATURES**

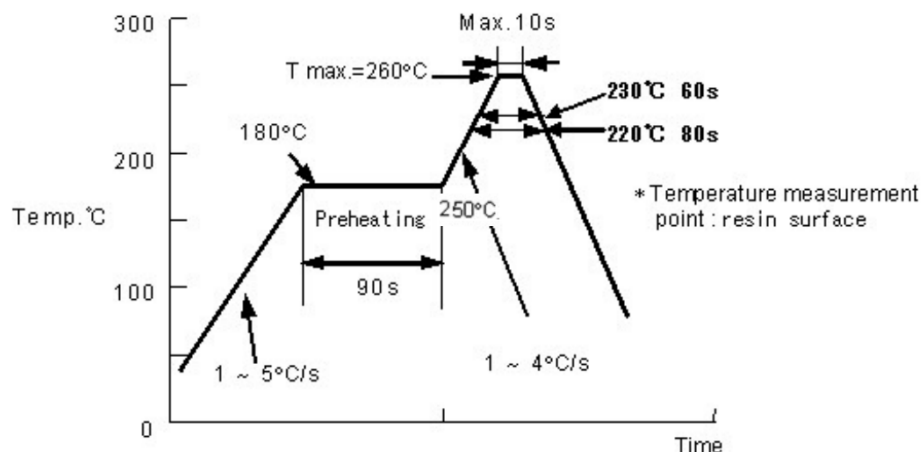
- surface mount
- shielded
- rated up to 3.5 A

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				3.5	A
contact resistance	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			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

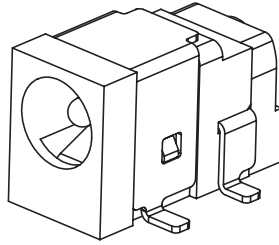
SOLDERABILITY

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				

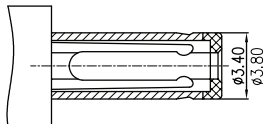
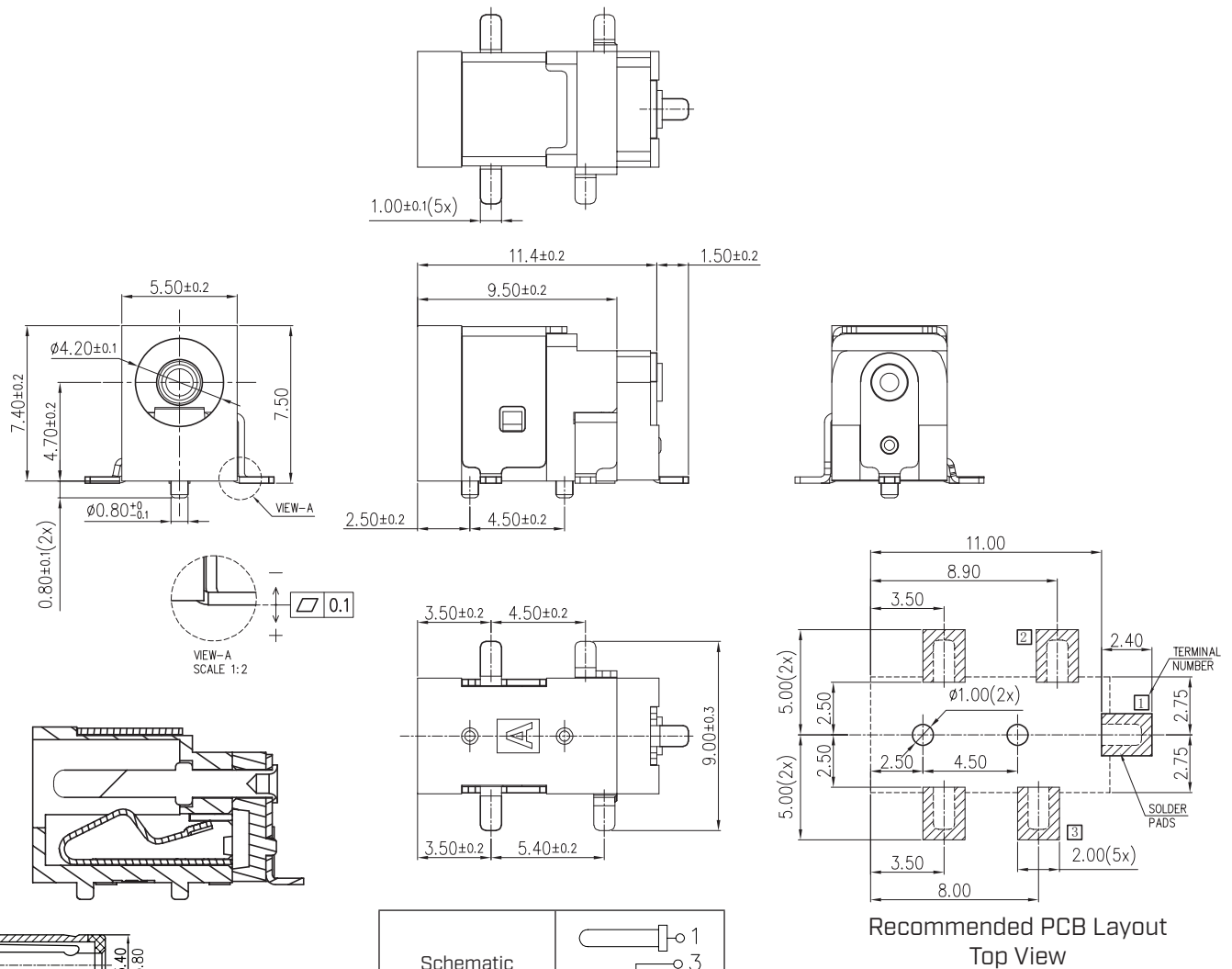


MECHANICAL DRAWING

units: mm
tolerance:
X.X ± 0.30 mm
X.XX ± 0.20 mm
X.XXX ± 0.10 mm
PCB: ± 0.05 mm
unless otherwise specified



DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	copper	nickel
terminal 1	brass	silver over nickel
terminal 2	copper alloy	silver over nickel
terminal 3	brass	silver over nickel
shield	cold rolled steel	nickel
housing	PA10T (UL94V-0)	black



MATING PLUG
Jack Insertion Depth: 6.6 mm

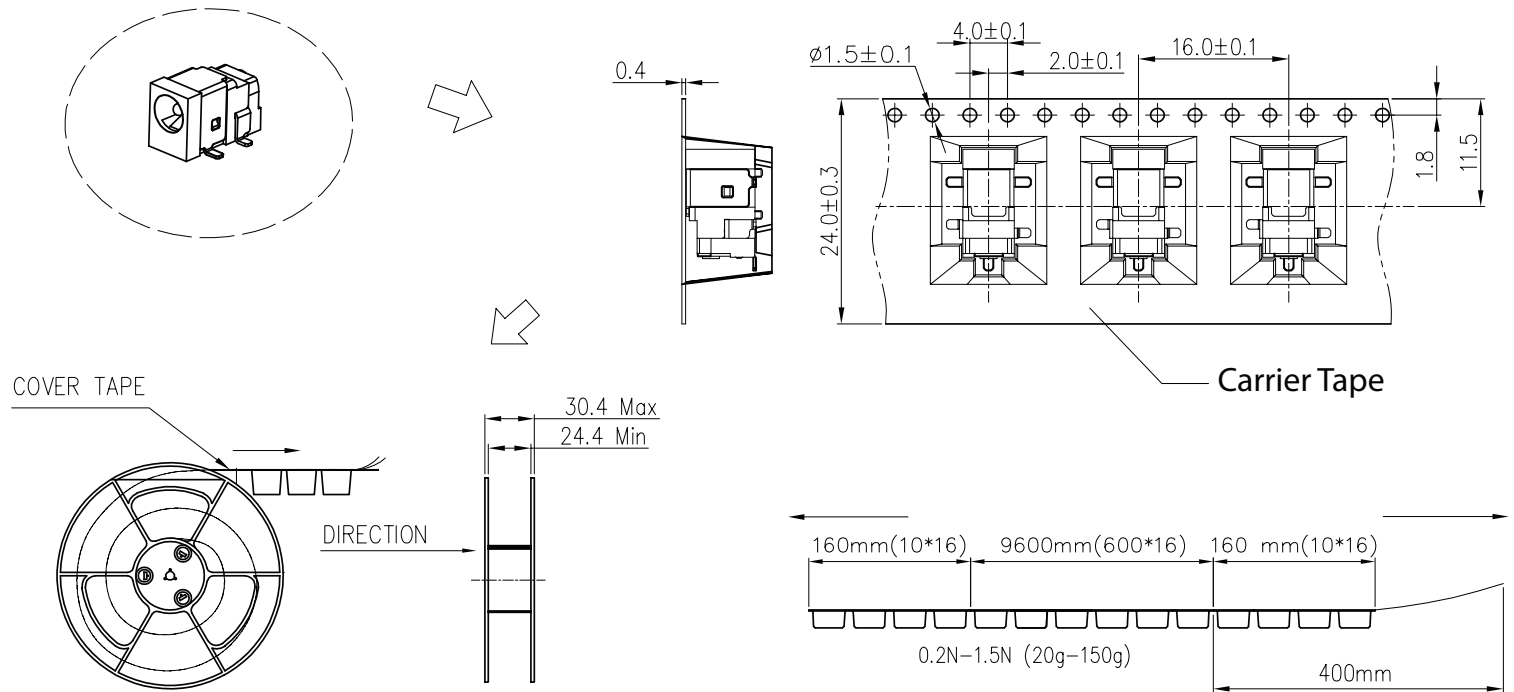
Schematic	
Model	Center Pin
PJ-030DH-SMT-TR	Ø 1.3 mm

PACKAGING

units: mm

Reel Size: $\varnothing 330$ mm

Reel QTY: 600 pcs per reel



REVISION HISTORY

rev.	description	date
1.0	initial release	07/18/2012
1.01	increased voltage rating	05/03/2016
1.02	added storage and drying conditions, and tape and reel packaging details	10/11/2017
1.03	brand update	10/22/2019
1.04	logo, datasheet style update	08/05/2022
1.05	product reengineered for improved manufacturability and production yield, see PCN for details	03/20/2023
1.06	CUI Devices rebranded to Same Sky	09/12/2024
1.07	product reengineered for improved manufacturability and production yield, see PCN for details	09/13/2024

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.

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