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MODEL: SJ3-350164AG-TR | DESCRIPTION: AUDIO JACK

FEATURES

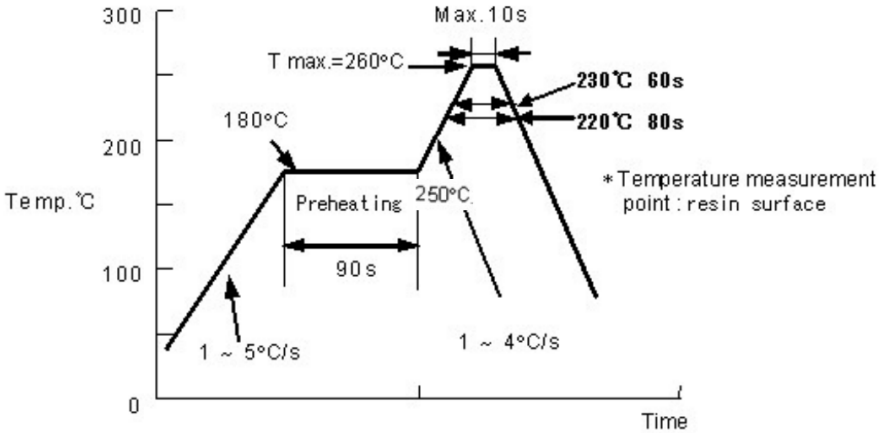
- reflow solder
- tape & reel packaging

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			30		Vdc
rated input current				0.5	A
contact resistance				50	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				

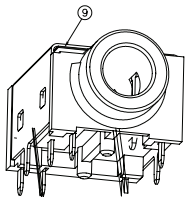
SOLDERABILITY

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				

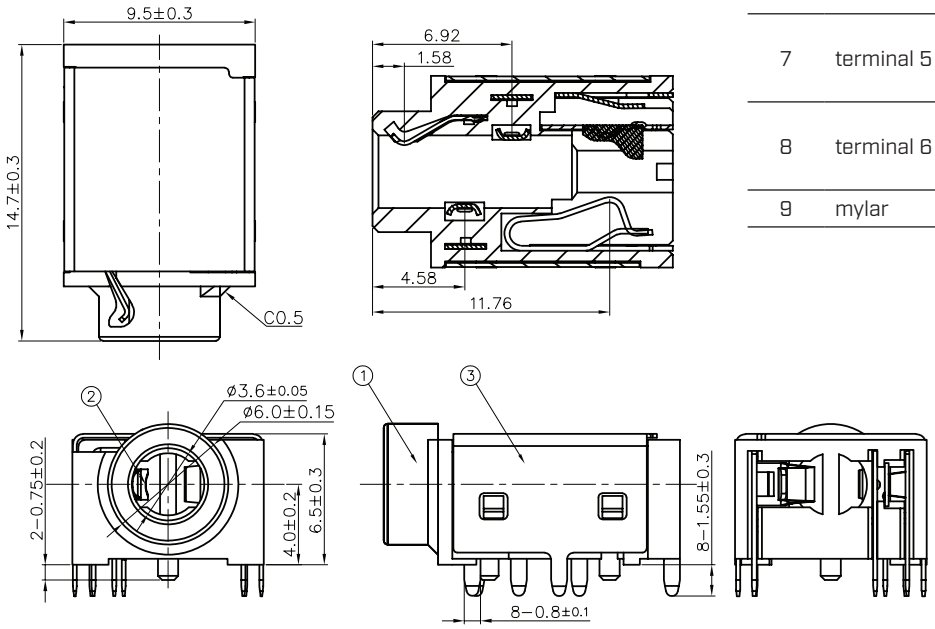


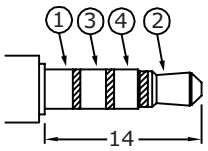
MECHANICAL DRAWING

units: mm
tolerance:
X.X ±0.50 mm
X.XX ±0.30 mm
X.XXX ±0.15 mm
PCB: ±0.05 mm
unless otherwise specified
PCB thickness: 1.2 mm

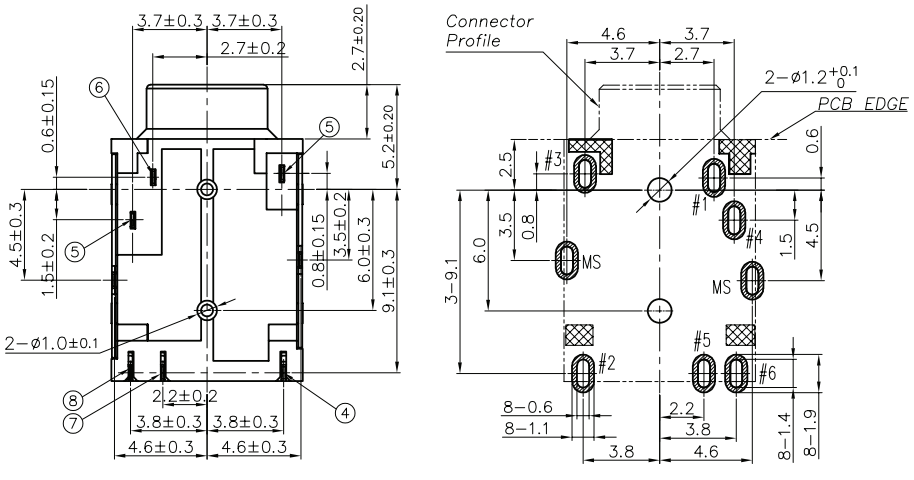


ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	housing	PA10T (UL94V-0)	black
2	seperate	PA10T (UL94V-0)	black
3	shield	copper alloy	nickel
4	terminal 2	copper alloy	contact area: gold flash over nickel solder area: matte tin over nickel
5	terminals 3 & 4	copper alloy	contact area: gold flash over nickel solder area: matte tin over nickel
6	terminal 1	copper alloy	contact area: gold flash over nickel solder area: matte tin over nickel
7	terminal 5	copper alloy	contact area: 20 µ" silver over nickel solder area: nickel
8	terminal 6	copper alloy	contact area: 20 µ" silver over nickel solder area: nickel
9	mylar		

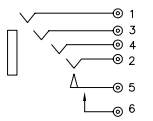




Ø3.5 MATING PLUG



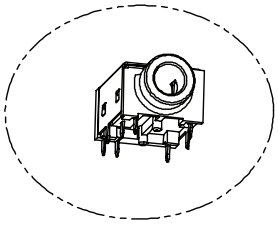
Recommended PCB Layout
Top View

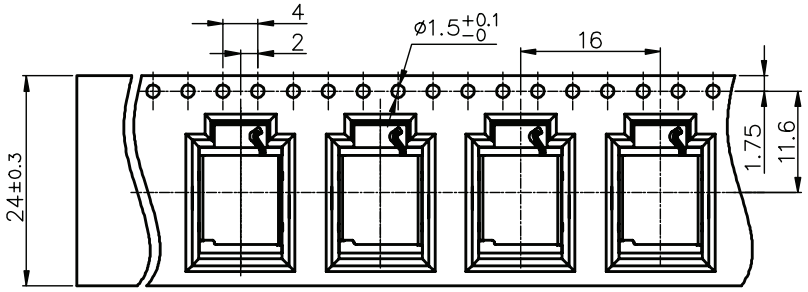
Model No.	SJ3-350164AG-TR
Schematic	
PIN	
1	sleeve
2	tip
3	ring 2
4	ring 1
5	isolated tip
6	isolated tip switch (N-O)

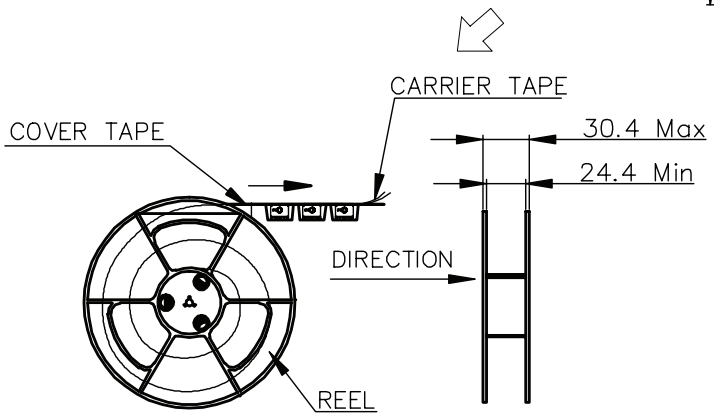
PACKAGING

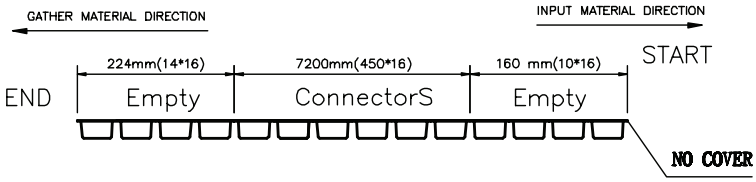
units: mm

Reel Size: Ø330 mm
Reel QTY: 450 pcs per reel









REVISION HISTORY

rev.	description	date
1.0	initial release	09/30/2024
1.01	changed part number from SJ3-350154AG to SJ3-350164AG	03/10/2025

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

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