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MODEL: SJ3-350144A-TR-X7 | DESCRIPTION: AUDIO JACK

FEATURES

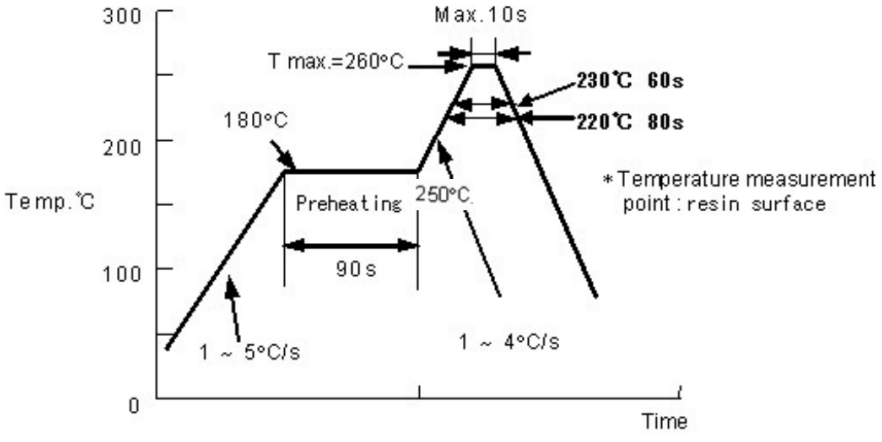
- reflow solder
- IPX7

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			30		Vdc
rated input current				0.5	A
contact resistance				100	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
operating temperature		-20		70	°C
storage temperature		-40		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				
IP level	IPX7				

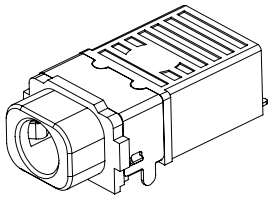
SOLDERABILITY

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				

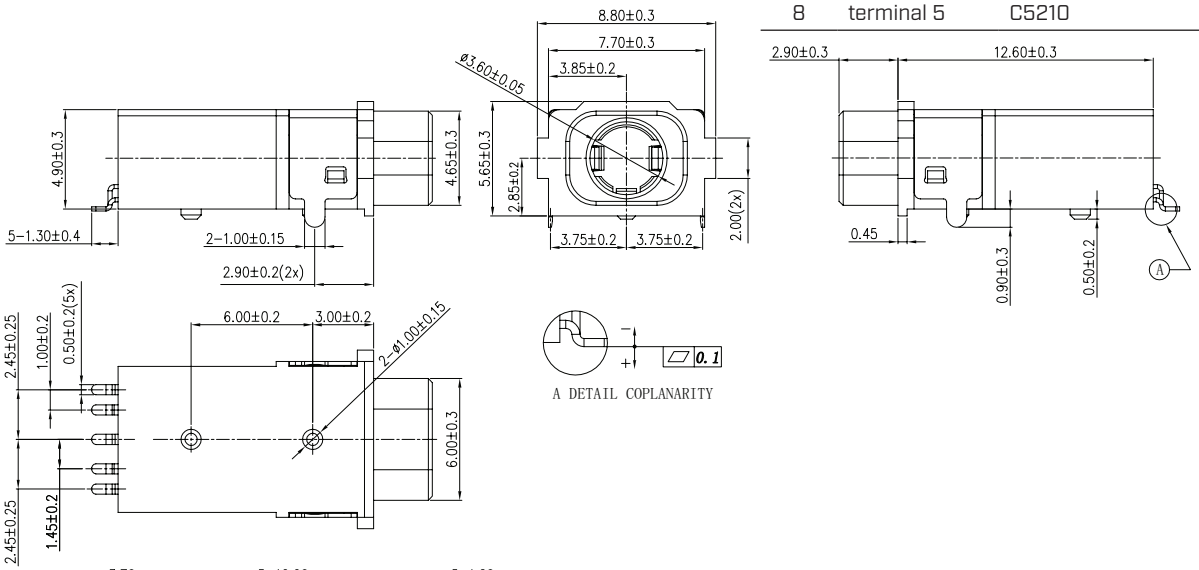


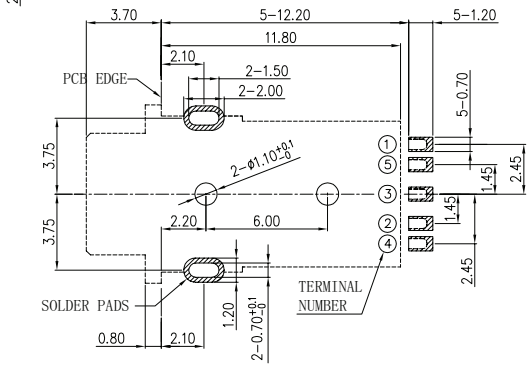
MECHANICAL DRAWING

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: 0.80 mm

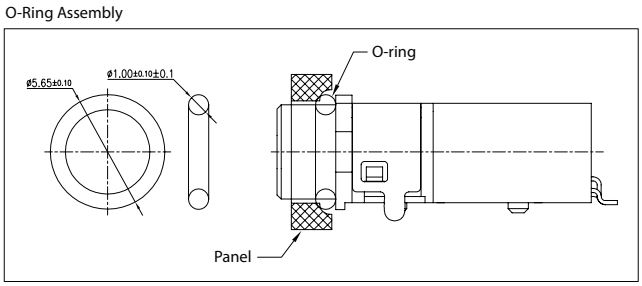


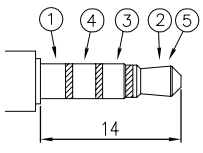
ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	housing	PA10T (UL94V-0)	black
2	cover	PA10T (UL94V-0)	black
3	shield	C5191	nickel
4	terminal 1	C5210	gold flash
5	terminal 2	C5210	gold flash
6	terminal 3	C5210	gold flash
7	terminal 4	C5210	gold flash
8	terminal 5	C5210	gold flash



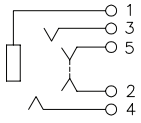


Recommended PCB Layout
Top View





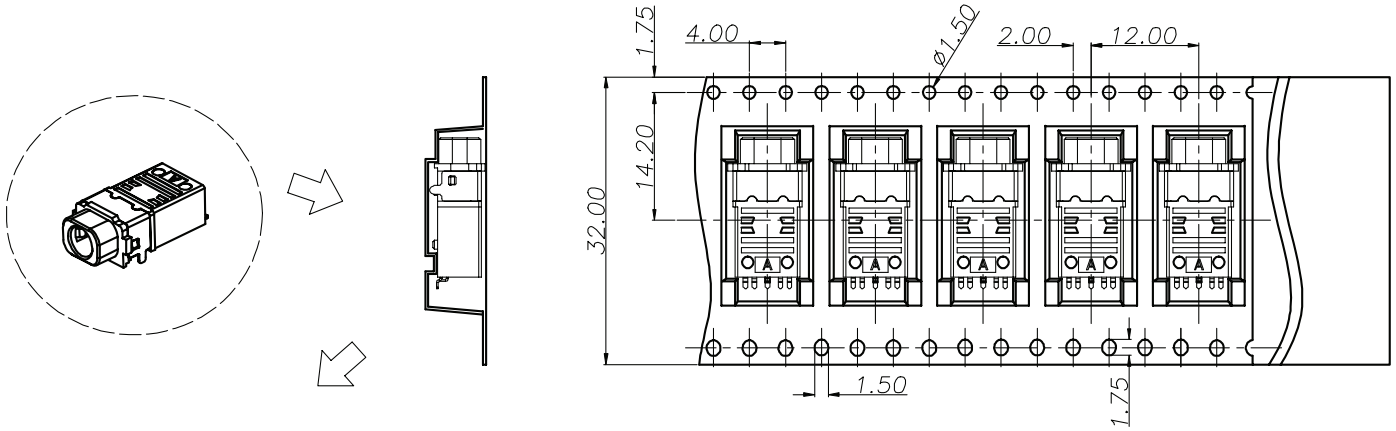
Ø3.5 MATING PLUG

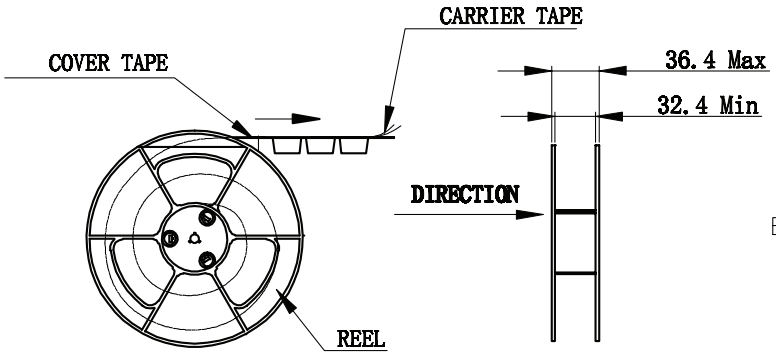
Model No.	SJ3-350144A-TR-X7
Schematic	
PIN	
1	sleeve
2	tip
3	ring 1
4	ring 2
5	tip

PACKAGING

units: mm

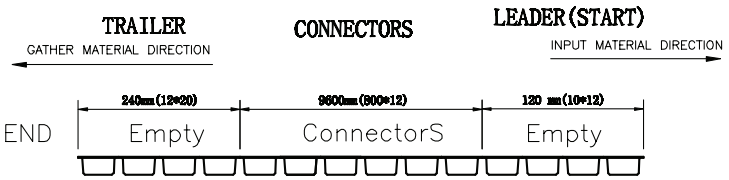
Reel Size: Ø330 mm
Reel QTY: 800 pcs per reel





NOTE:

1. CARRIER TAPE PACKING LENGTH



2. PEELING FORCE: 0.2N-1.5N (20g-150g)

REVISION HISTORY

rev.	description	date
1.0	initial release	09/30/2024

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

same sky

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