

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

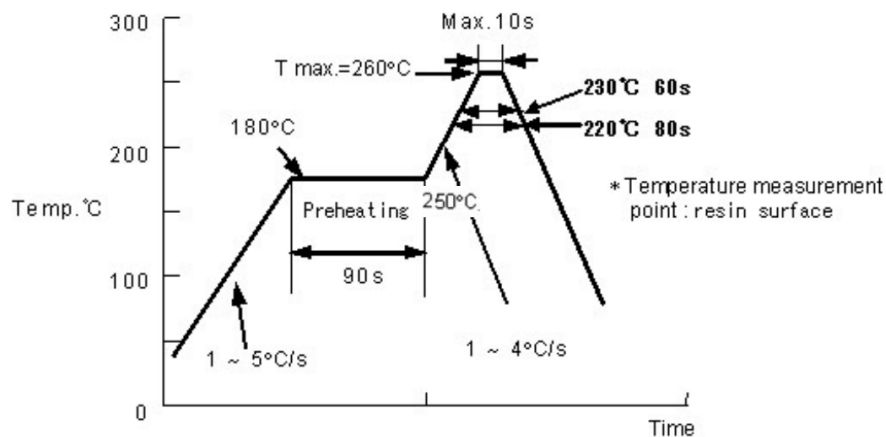
- reflow solder
- IPX7

**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

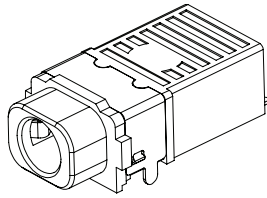
X.XX ±0.30 mm

X.XXX ±0.15 mm

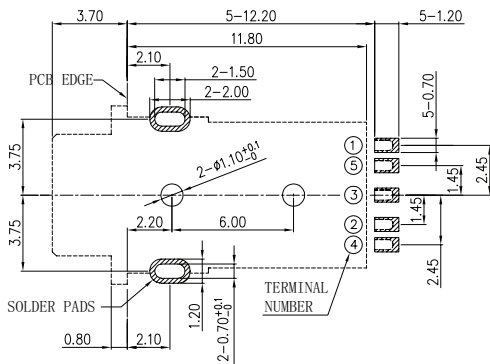
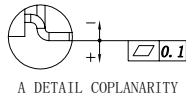
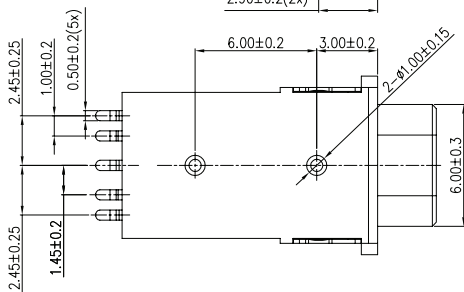
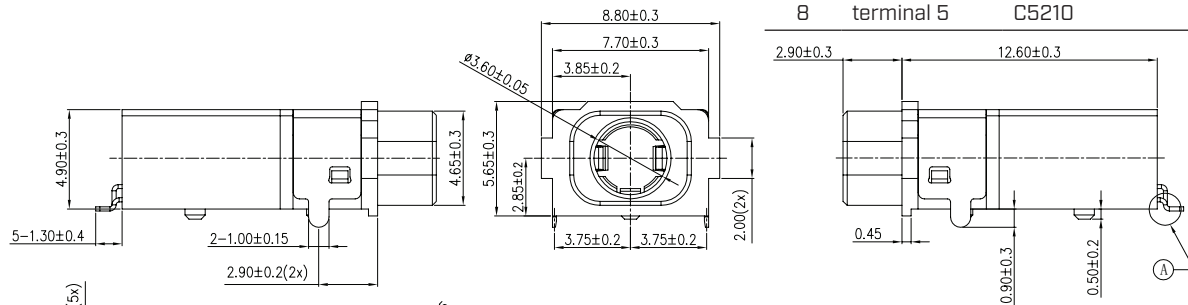
PCB: ± 0.05 mm

unless otherwise specified

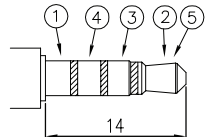
PCB thickness: 0.80 mm



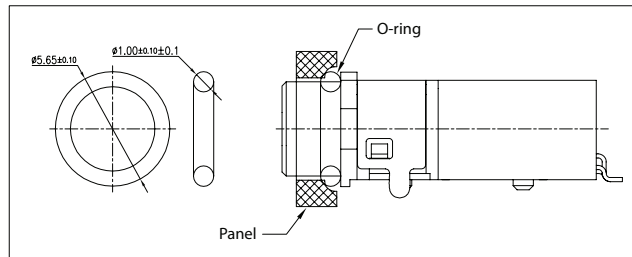
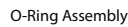
ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	housing	PA10T [UL94V-0]	black
2	cover	PA10T [UL94V-0]	black
3	shield	C5191	nickel
4	terminal 1	C5210	gold flash
5	terminal 2	C5210	gold flash
6	terminal 3	C5210	gold flash
7	terminal 4	C5210	gold flash
8	terminal 5	C5210	gold flash



Recommended PCB Layout
Top View



Ø3.5 MATING PLUG

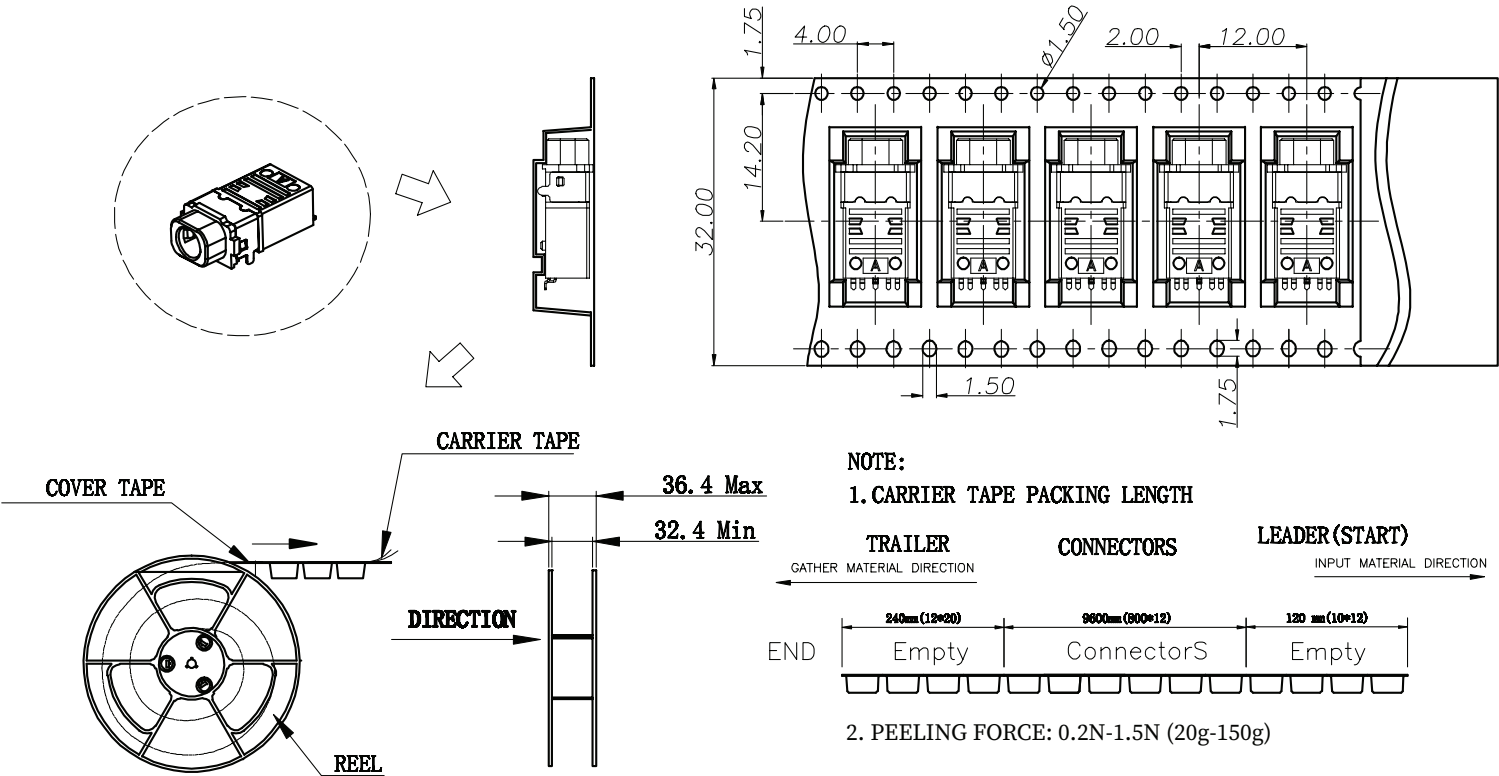


Model No.	SJ3-350144A-TR-X7
Schematic	
PIN	
1	sleeve
2	tip
3	ring 1
4	ring 2
5	tip

PACKAGING

units: mm

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



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

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