

**MODEL:** SJ3-350134A-X7 | **DESCRIPTION:** AUDIO JACK

## FEATURES

- wave solder
- IPX7



## SPECIFICATIONS

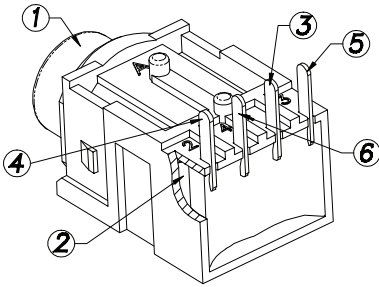
parameter	conditions/description	min	typ	max	units
rated input voltage			30		Vdc
rated input current				0.5	A
contact resistance				30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-20		70	°C
storage temperature		-40		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				
IP level	IPX7				

## SOLDERABILITY

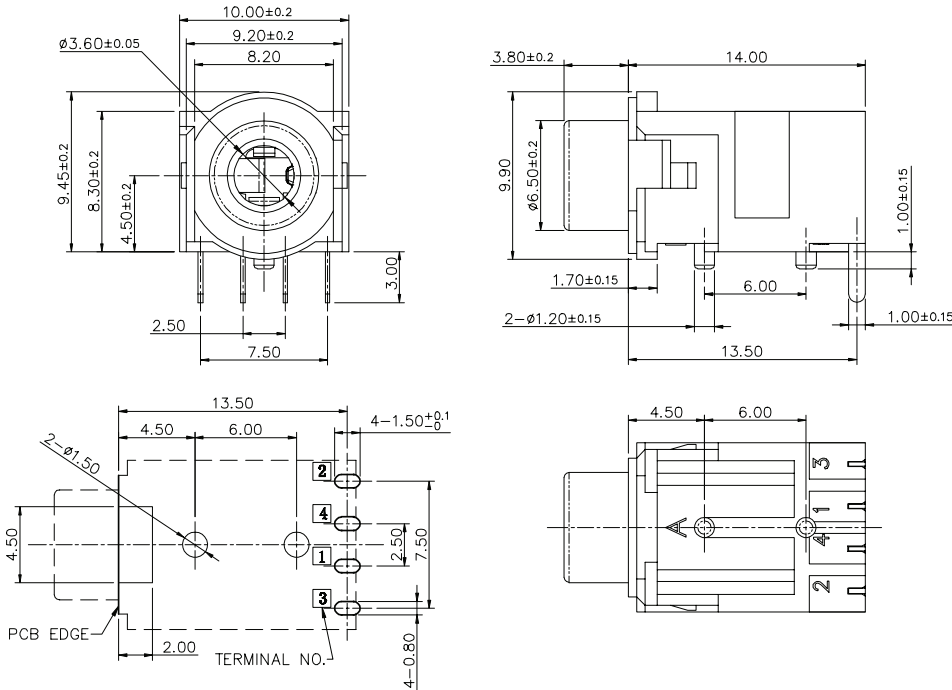
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 4~6 seconds		250		°C

MECHANICAL DRAWING

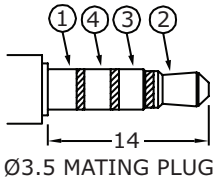
units: mm  
tolerance:  
X.X  $\pm 0.38$  mm  
X.XX  $\pm 0.30$  mm  
X.XXX  $\pm 0.15$  mm  
PCB:  $\pm 0.05$  mm  
unless otherwise specified  
PCB thickness: 1.6 mm



ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	housing	PBT [UL94V-0]	black
2	cover	PA66 [UL94HB]	black
3	terminal 1	phosphor bronze t=0.25	8 $\mu$ " over 40 $\mu$ " nickel
4	terminal 2	phosphor bronze t=0.30	8 $\mu$ " over 40 $\mu$ " nickel
5	terminal 3	phosphor bronze t=0.25	8 $\mu$ " over 40 $\mu$ " nickel
6	terminal 4	phosphor bronze t=0.25	8 $\mu$ " over 40 $\mu$ " nickel



Recommended PCB Layout  
Top View



Ø3.5 MATING PLUG

Model No.	SJ3-350134A-X7
Schematic	A schematic diagram showing the wiring connections for the audio jack. It includes a ground symbol, a sleeve connection, a tip connection, and two ring connections.
PIN	
1	sleeve
2	tip
3	ring 1
4	ring 2

REVISION HISTORY

rev.	description	date
1.0	initial release	09/25/2024

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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