

**MODEL:** SJ3-25014A-X7 | **DESCRIPTION:** AUDIO JACK**FEATURES**

- hand solder
- IPX7

**SPECIFICATIONS**

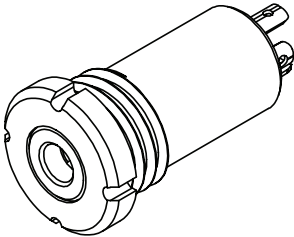
parameter	conditions/description	min	typ	max	units
rated input voltage			30		Vdc
rated input current				0.5	A
contact resistance				100	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-20		70	°C
storage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

SOLDERABILITY

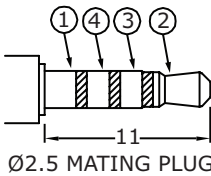
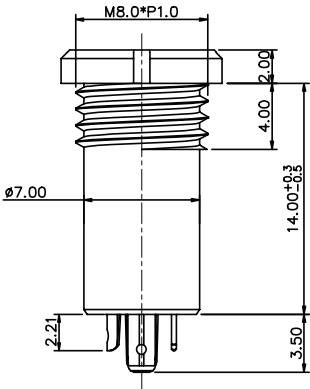
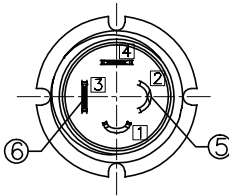
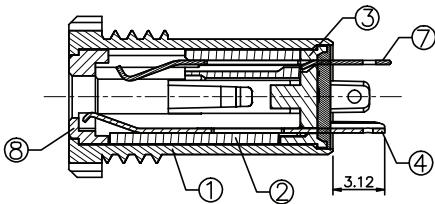
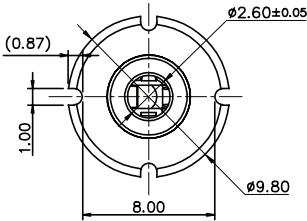
parameter	conditions/description	min	typ	max	units
hand soldering	for 3-4 seconds	360		380	°C

MECHANICAL DRAWING

units: mm
tolerance:
X.X ±0.38 mm
X.XX ±0.30 mm
X.XXX ±0.15 mm
unless otherwise specified



ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	bushing	copper alloy	nickel
2	housing	PA10T (UL94V-0)	black
3	cover	PA10T (UL94V-0)	black
4	terminal 1	phosphor bronze t=0.25	8 μ" over 40μ" nickel
5	terminal 2	steel alloy t=0.25	8 μ" over 40μ" nickel
6	terminal 3	phosphor bronze t=0.30	8 μ" over 40μ" nickel
7	terminal 4	phosphor bronze t=0.25	8 μ" over 40μ" nickel
8	housing cover	PA10T (UL94V-0)	black



Model No.	SJ3-25014A-X7
Schematic	
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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