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

FEATURES

- hand solder
- IPX7

SPECIFICATIONS

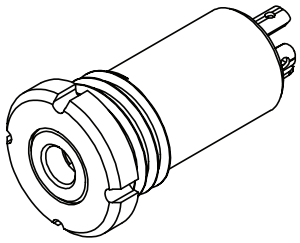
parameter	conditions/description	min	typ	max	units
rated input voltage			30		Vdc
rated input current				0.5	A
contact resistance				100	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-20		70	°C
storage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

SOLDERABILITY

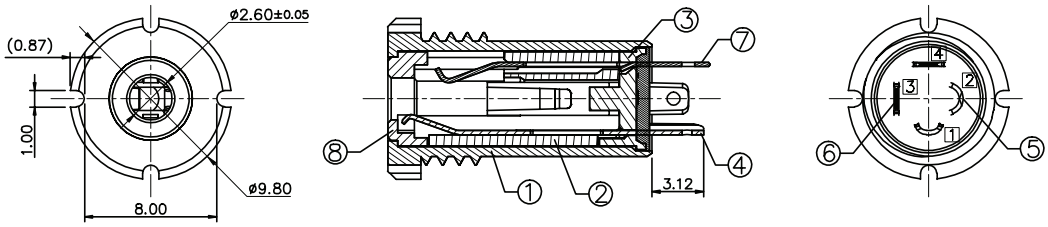
parameter	conditions/description	min	typ	max	units
hand soldering	for 3-4 seconds	360		380	°C

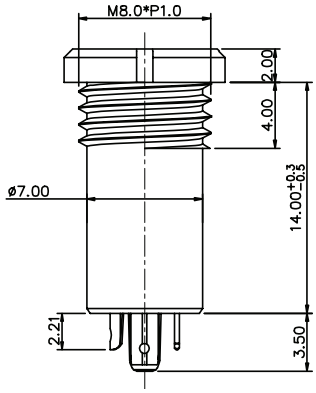
MECHANICAL DRAWING

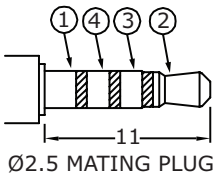
units: mm
tolerance:
X.X ±0.38 mm
X.XX ±0.30 mm
X.XXX ±0.15 mm
unless otherwise specified



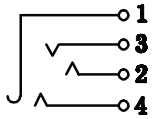
ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	bushing	copper alloy	nickel
2	housing	PA10T (UL94V-0)	black
3	cover	PA10T (UL94V-0)	black
4	terminal 1	phosphor bronze t=0.25	8 µ" over 40µ" nickel
5	terminal 2	steel alloy t=0.25	8 µ" over 40µ" nickel
6	terminal 3	phosphor bronze t=0.30	8 µ" over 40µ" nickel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







Ø2.5 MATING PLUG

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.

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

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Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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