CUDEVICES

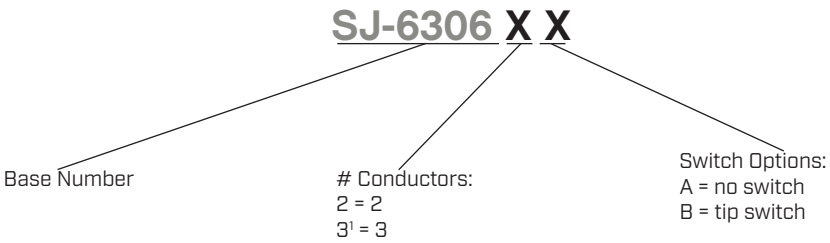
SERIES: SJ-6306 | **DESCRIPTION:** AUDIO JACK

FEATURES

- through hole
- right angle
- 2 and 3 conductor models
- with or without tip switch
- threaded with nut

RoHS

PART NUMBER KEY



Note: 1. 3 conductor option only available with tip switch

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance	between terminal and mating plug			30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.4		3	kg
operating temperature		-25		70	°C
life			5,000		cycles
flammability rating	see material table				
RoHS	yes				

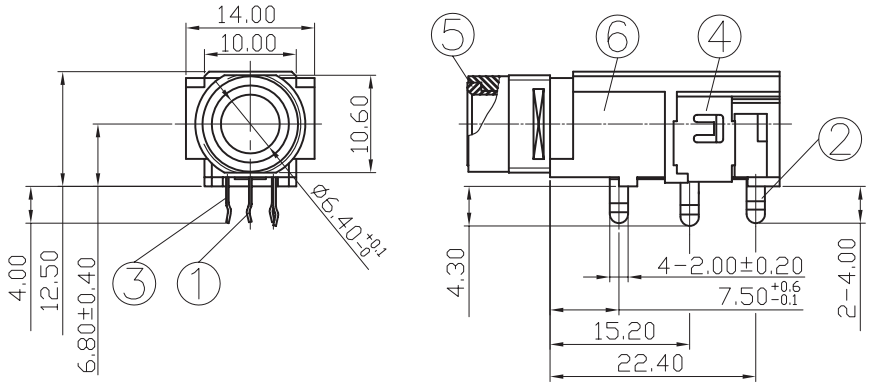
SOLDERABILITY

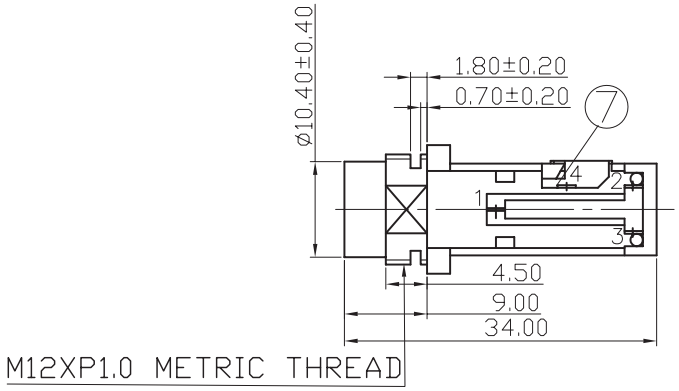
parameter	conditions/description	min	typ	max	units
hand soldering	for 3~5 seconds		360		°C

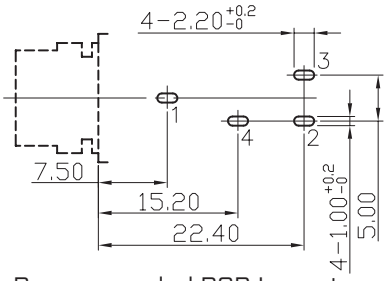
MECHANICAL DRAWING

units: mm
tolerance: ±0.3 mm

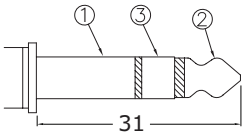
ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	earth terminal	phosphor bronze	silver
2	tip spring	phosphor bronze	silver
3	ring spring	phosphor bronze	silver
4	tip shunt	brass	silver
5	bushing	brass	nickel
6	housing	PBT (UL94V-0)	black
7	cover	PBT (UL94V-0)	black
8	nut	steel	nickel
9	washer	steel	nickel



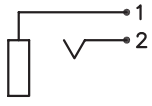
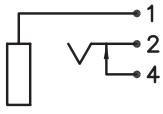
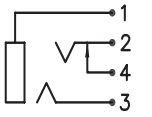


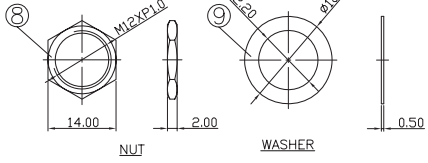


Recommended PCB Layout
Top View



Ø6.35 MATING PLUG

Model No.	SJ-63062A	SJ-63062B	SJ-63063B
Schematic			
PIN			
1	sleeve	sleeve	sleeve
2	tip	tip	tip
3	NP	NP	ring
4	NP	tip switch	tip switch



REVISION HISTORY

rev.	description	date
1.0	initial release	08/11/2020
1.01	logo, datasheet style update	08/16/2022

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

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