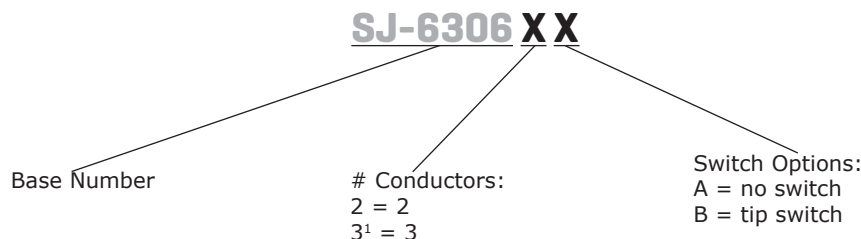


SERIES: SJ-6306 | **DESCRIPTION:** AUDIO JACK**FEATURES**

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

**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				

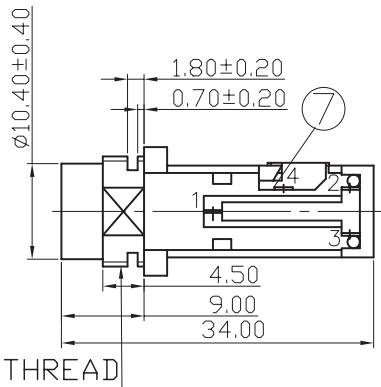
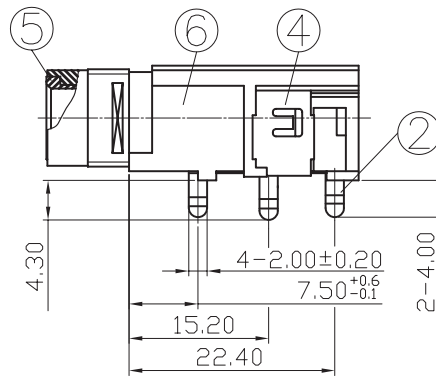
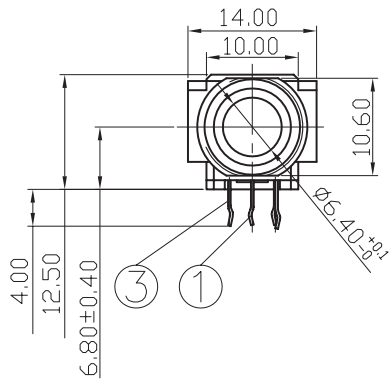
SOLDERABILITY

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

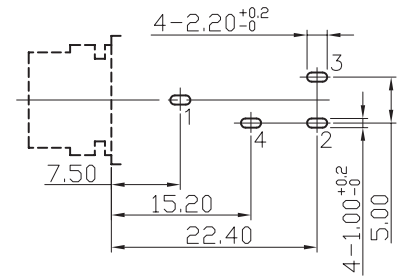
MECHANICAL DRAWING

units: mm
tolerance: ±0.3 mm

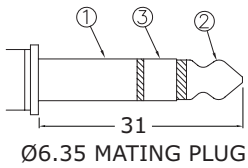
ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	earth terminal	phosphor bronze	silver
2	tip spring	phosphor bronze	silver
3	ring spring	phosphor bronze	silver
4	tip shunt	brass	silver
5	bushing	brass	nickel
6	housing	PBT (UL94V-0)	black
7	cover	PBT (UL94V-0)	black
8	nut	steel	nickel
9	washer	steel	nickel



M12XP1.0 METRIC THREAD

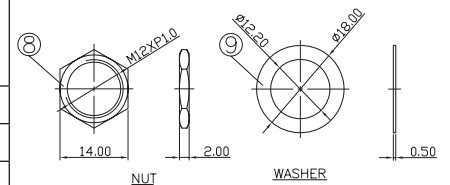


Recommended PCB Layout
Top View



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

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

CUI DEVICES

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

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CUI Devices 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.