

MODEL: MJ-63022B | **DESCRIPTION:** AUDIO JACK**FEATURES**

- through hole
- right angle
- 2 conductor
- 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				

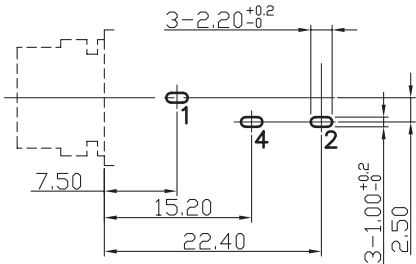
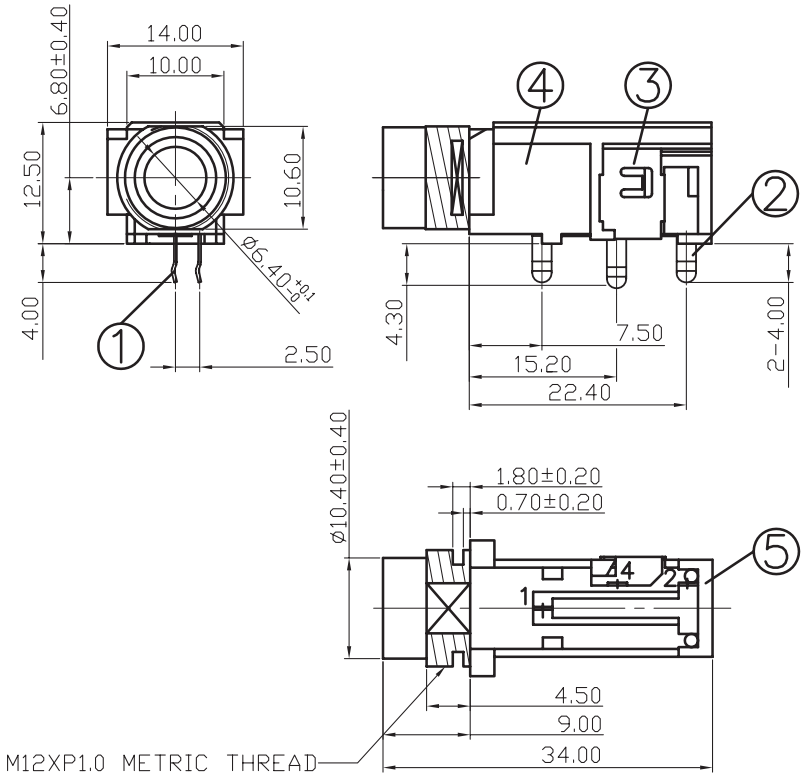
SOLDERABILITY

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

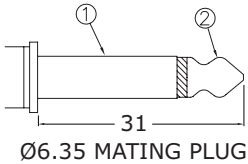
MECHANICAL DRAWING

units: mm
tolerance: ±0.3 mm

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	earth terminal	phosphor bronze	silver
2	tip spring	phosphor bronze	silver
3	tip shunt	brass	silver
4	housing	PBT [UL94V-0]	black
5	cover	PBT [UL94V-0]	black



Recommended PCB Layout
Top View



Model No.	MJ-63022B
Schematic	The schematic diagram shows the internal wiring of the audio jack. It includes a ground symbol connected to pin 1, a tip symbol connected to pin 2, and a tip switch symbol connected to pin 4.
PIN	
1	sleeve
2	tip
4	tip switch

REVISION HISTORY

rev.	description	date
1.0	initial release	08/11/2020
1.01	logo, datasheet style update	08/17/2022
1.02	CUI Devices rebranded to Same Sky	09/12/2024

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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