

MODEL: MJ-2508 | **DESCRIPTION:** AUDIO JACK**FEATURES**

- 2.5 mm
- threaded bushing
- right angle

**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			50	mΩ
	between terminal in a closed circuit			30	mΩ
insulation resistance		100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

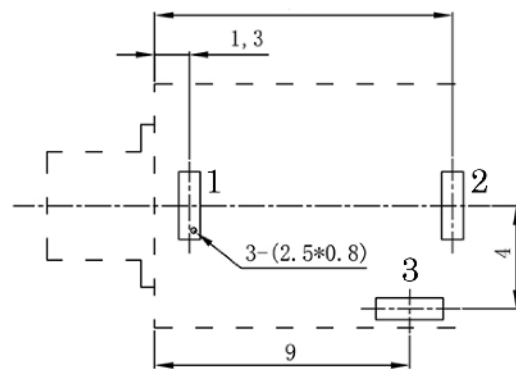
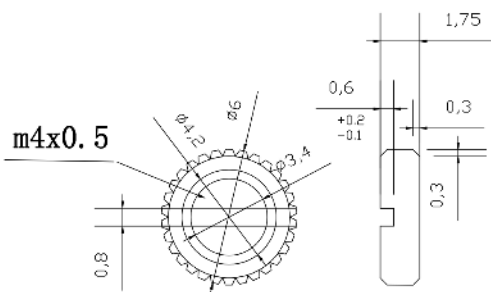
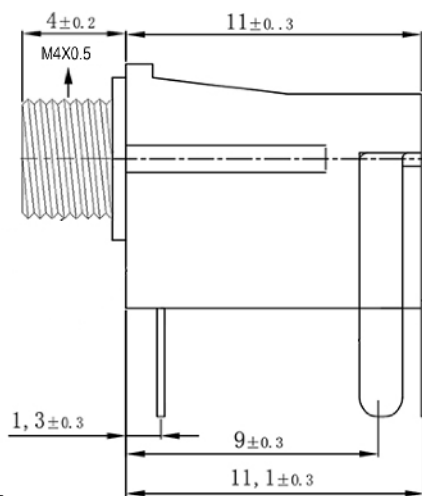
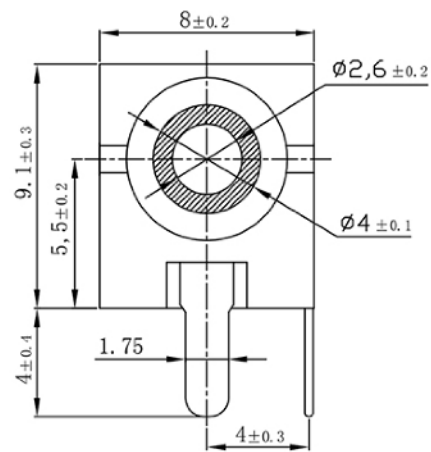
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°C

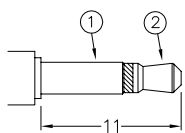
MECHANICAL DRAWING

units: mm
tolerance:
X. ± 0.15 mm
X.X ± 0.10 mm
X.XX ± 0.050 mm
PCB: ± 0.05 mm
unless otherwise specified

DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	brass	tin
terminal 2	brass	tin
terminal 3	brass	tin
bushing	brass	tin
housing	PBT [UL94V-0]	black
nut	zinc alloy	nickel



Recommended PCB Layout
Top View



Ø2.5 MATING PLUG

Model No.	MJ-2508
Schematic	
PIN	
1	sleeve
2	tip
3	tip switch

REVISION HISTORY

rev.	description	date
1.0	initial release	11/15/2005
1.01	brand update	03/30/2020
1.02	product reengineered for improved manufacturability and production yield, see PCN for details	04/12/2023

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



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

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