



MODEL:

MJ-2508

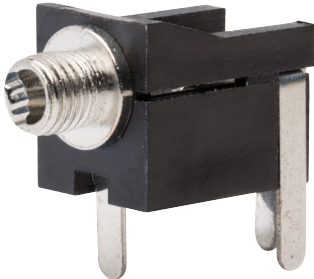
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DESCRIPTION:

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	at 500 Vdc	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				

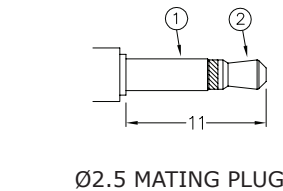
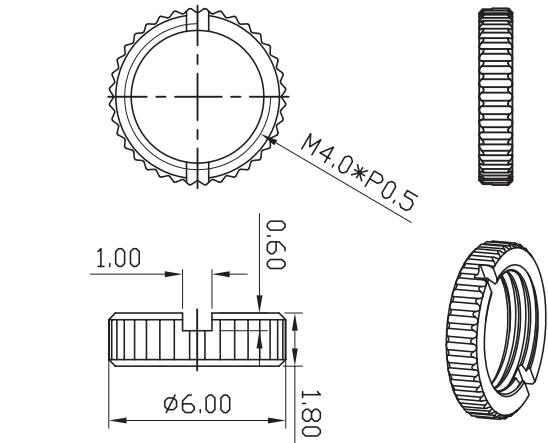
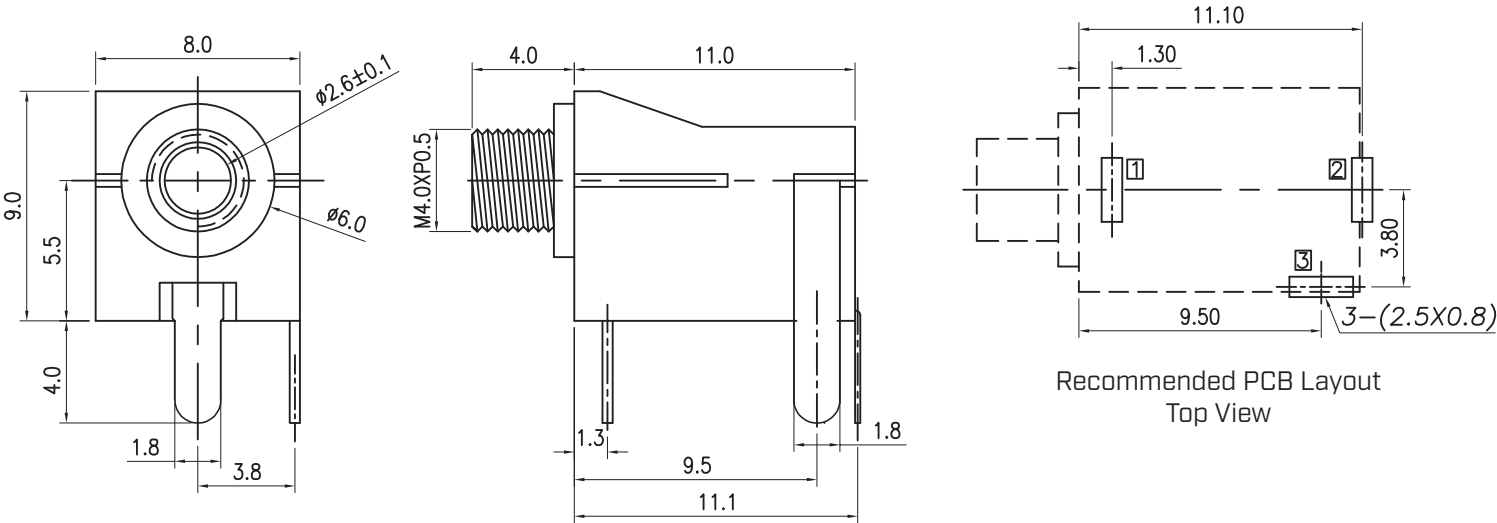
SOLDERABILITY

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.X ±0.30 mm  
X.XX ±0.25 mm  
X.XXX ±0.20 mm  
PCB: ±0.05 mm  
unless otherwise specified

DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	brass t=0.40	tin over nickel
terminal 2	phosphor bronze t=0.20	tin over nickel
terminal 3	brass t=0.40	tin over nickel
bushing	copper alloy	nickel
housing	PBT (UL94V-0)	black
nut	copper alloy	nickel



Model No.	MJ-2508
Schematic	<p>The schematic diagram shows the connection between the terminals and the internal components. Terminal 1 is connected to the sleeve, terminal 2 is connected to the tip, and terminal 3 is connected to the tip switch.</p>
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
1.03	product reengineered for improved manufacturability and production yield, see PCN for details	07/08/2024
1.04	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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