

date 03/24/2023

page 1 of 3

MODEL: MJ-2508N | DESCRIPTION: AUDIO JACK

FEATURES

- 2.5 mm
- flashed bushing
- right angle





SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	А
contact resistance	between terminal and mating plug between terminal in a closed circuit			50 30	$m\Omega$
insulation resistance	at 500 Vdc	100			МΩ
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-O				
RoHS	yes				

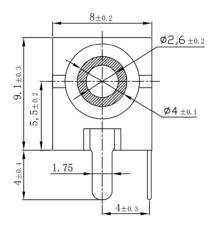
SOLDERABILITY

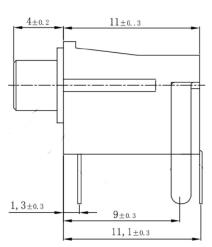
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°C

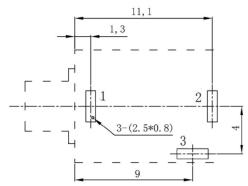
MECHANICAL DRAWING

units: mm tolerance X.X ±0.15 mm X.XX ±0.10 mm X.XXX ±0.05 mm PCB: ±0.05 mm

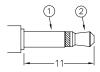
DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	brass	tin
terminal 2	brass	tin
terminal 3	brass	tin
bushing	brass	tin
housing	PBT (UL94V-0)	black







Recommended PCB Layout Top View



Ø2.5 MATING PLUG

Model No.	MJ-2508N
Schematic	01 03 02
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	03/24/2023

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.

CUI Devices reserves the right to make changes to the product at any time without notice. Information provided by CUI Devices is believed to be accurate and reliable. However, no responsibility is assumed by CUI Devices for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

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.