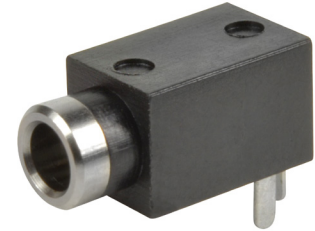


**MODEL:** MJ1-2503A | **DESCRIPTION:** AUDIO JACK

**FEATURES**

- through hole design
- low profile


**SPECIFICATIONS**

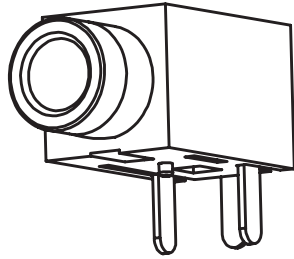
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance				30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

**SOLDERABILITY**

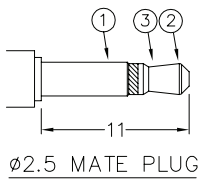
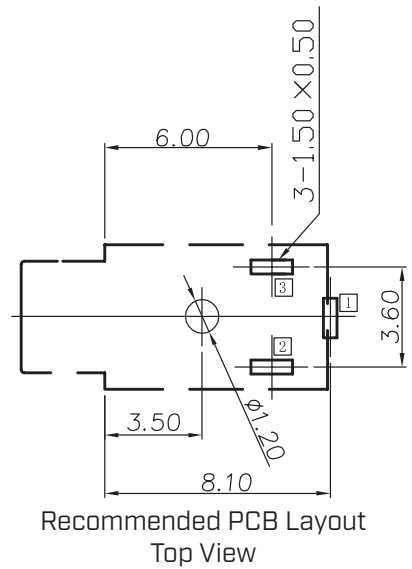
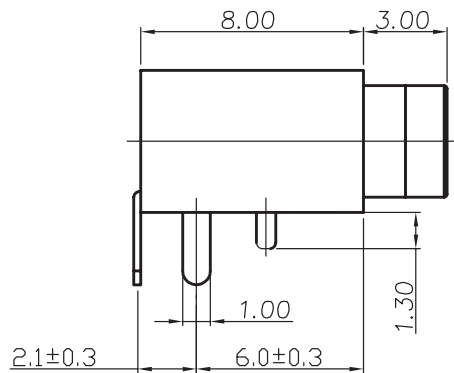
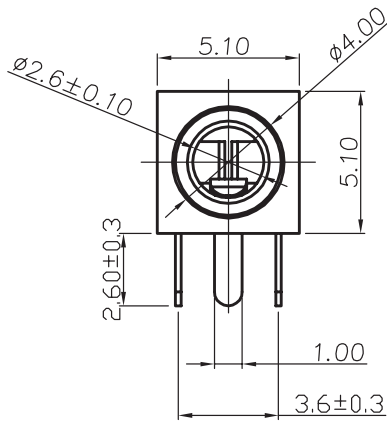
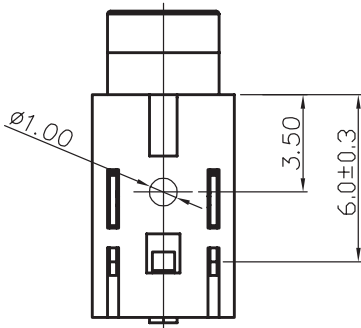
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°C

## MECHANICAL DRAWING

units: mm  
 tolerance:  
 X, ±0.50 mm  
 X.X ±0.30 mm  
 X.XX ±0.20 mm  
 X.XX ±0.10 mm  
 PCB: ±0.05 mm  
 unless otherwise specified



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



Model No.	MJ1-2503A
Schematic	
PIN	
1	sleeve
2	tip
3	tip

## REVISION HISTORY

rev.	description	date
1.0	initial release	01/18/2006
1.01	changed terminal plating to silver	02/13/2019
1.02	brand update	10/04/2019
1.03	product reengineered for improved manufacturability and production yield, see PCN for details	07/25/2023

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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