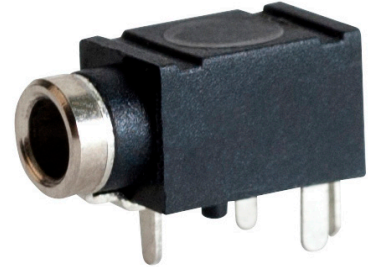


**MODEL:** SJ1-2503A | **DESCRIPTION:** AUDIO JACK**FEATURES**

- through hole design
- low profile

**SPECIFICATIONS**

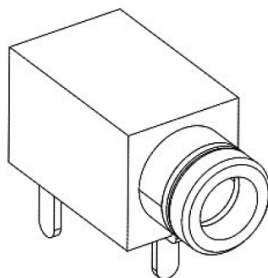
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance	between terminal and mating plug			50	mΩ
	between terminal in a closed circuit			30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

**SOLDERABILITY**

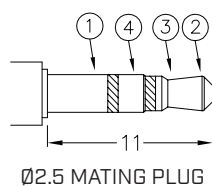
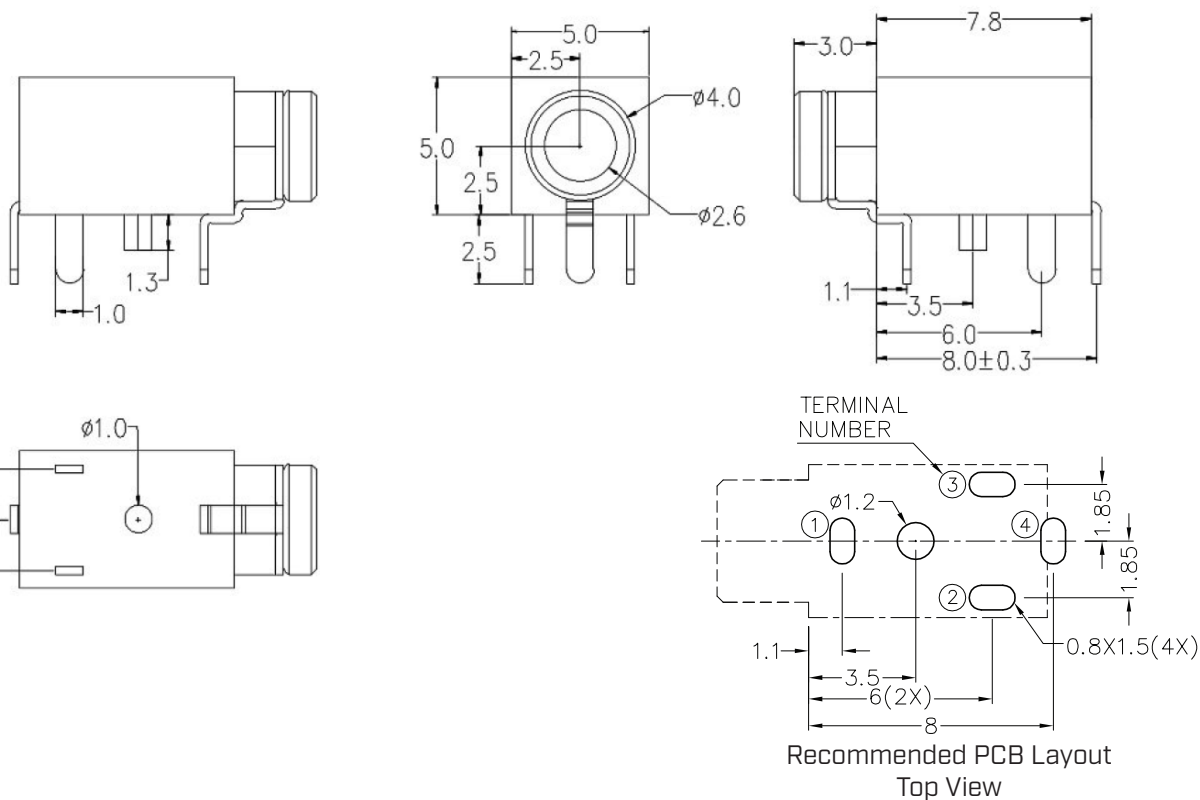
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°C

## MECHANICAL DRAWING

units: mm  
tolerance:  
X.X  $\pm 0.20$  mm  
X.XX  $\pm 0.10$  mm  
X.XXX  $\pm 0.05$  mm  
unless otherwise specified



DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	brass	silver
terminal 2	copper alloy	silver
terminal 3	copper alloy	silver
terminal 4	copper alloy	silver
bushing	brass	nickel
housing	PBT (UL94V-0)	black



Model No.	SJ1-2503A
Schematic	
PIN	
1	sleeve
2	tip
3	tip
4	ring

## REVISION HISTORY

rev.	description	date
1.0	initial release	10/27/2005
1.01	added dimensions	11/04/2010
1.02	changed terminal plating to silver	02/13/2019
1.03	brand update	10/03/2019
1.04	product reengineered for improved manufacturability and production yield, see PCN for details	07/07/2023

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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