

**MODEL:** MJ-2507N | **DESCRIPTION:** AUDIO JACK**FEATURES**

- 2.5 mm mono jack
- panel mount
- flashed bushing

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance <sup>1</sup>	between terminal and mating plug			50	mΩ
	between terminal in a closed circuit			30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	at 50/60Hz 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				

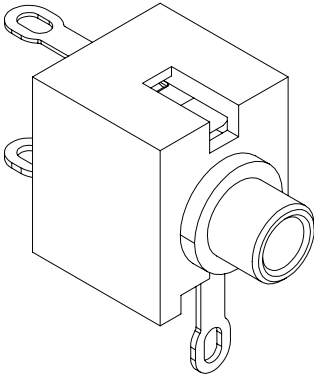
Note: 1. When measured at a current of less than 100 mA/1 kHz  
2. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

**SOLDERABILITY**

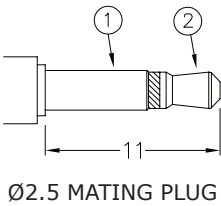
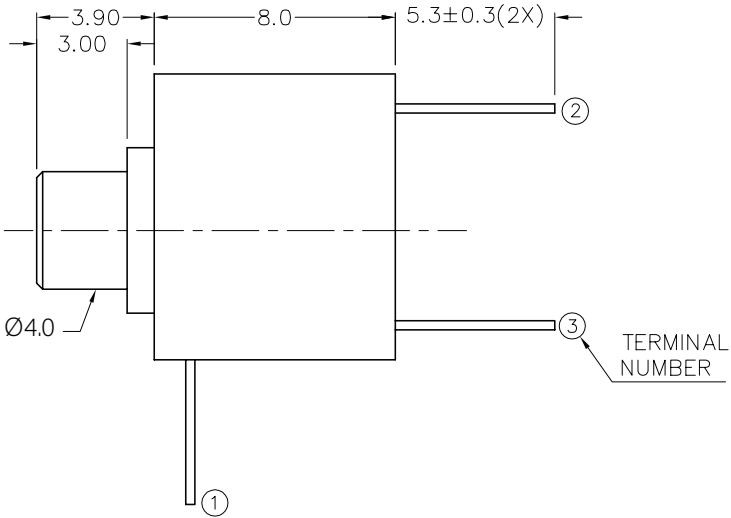
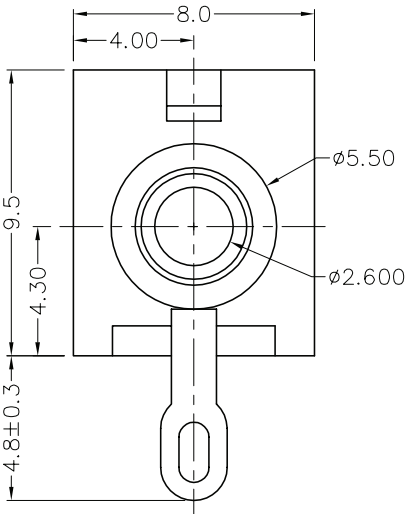
parameter	conditions/description	min	typ	max	units
hand soldering	for 3~4 seconds	340	350	360	°C

**MECHANICAL DRAWING**

units: mm  
tolerance:  
X.X  $\pm 0.2$  mm  
X.XX  $\pm 0.10$  mm  
X.XXX  $\pm 0.050$  mm  
PCB:  $\pm 0.05$  mm



	MATERIAL	PLATING
terminal 1	brass	tin
terminal 2	copper alloy	tin
terminal 3	brass	tin
bushing	brass	nickel
plastic	PBT	



Model No.	MJ-2507N
Schematic	
PIN	
1	sleeve
2	tip
3	tip switch

REVISION HISTORY

rev.	description	date
1.0	initial release	02/22/2008
1.01	brand update	04/06/2020

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

CUI DEVICES

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