# **CUI** DEVICES

Additional Resources: Product Page

date 04/02/2020

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**MODEL:** MJ-3507 **DESCRIPTION: AUDIO JACK** 

#### **FEATURES**

- 3.5 mm mono jack
- panel mount
- threaded bushing





### **SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	А
contact resistance <sup>1</sup>	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ 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				

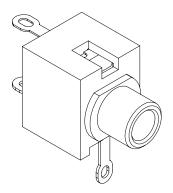
### **SOLDERABILITY**

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

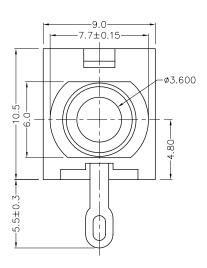
<sup>1.</sup> When measured at a current of less than 100 mA/1 kHz 2. All specifications measured at  $10\sim35^{\circ}$ C, humidity at  $45\sim85\%$ , under standard atmospheric pressure, unless otherwise noted.

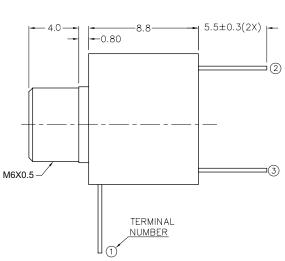
## **MECHANICAL DRAWING**

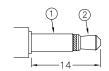
units: mm tolerance:  $X.X \pm 0.2 \text{ mm}$  $X.XX \pm 0.1 mm$ X.XXX ±0.05 mm PCB: ±0.05 mm



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







Ø3.5 MATING PLUG

Model No.	MJ-3507
Schematic	01
PIN	
1	sleeve
2	tip
3	tip switch

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#### **REVISION HISTORY**

rev.	description	date
1.0	initial release	12/05/2005
1.01	brand update	04/02/2020

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

# **CUI** DEVICES

CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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