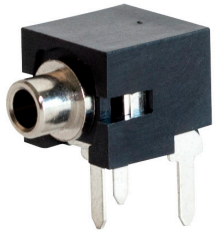
CUI DEVICES

MODEL: MJ-2506N | DESCRIPTION: AUDIO JACK

FEATURES
- through hole design
- internal tip switch



RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance[1]	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, 0.5 mA 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				

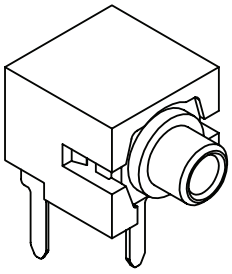
Note: 1. When measured at a current of less than 100 mA/1 kHz
2. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

SOLDERABILITY

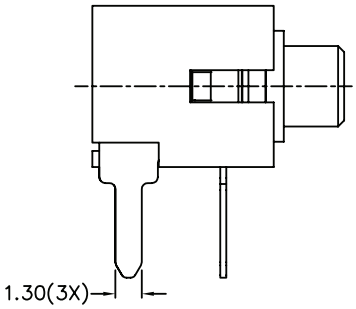
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°C

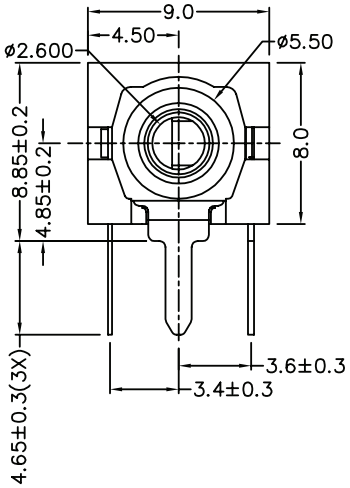
MECHANICAL DRAWING

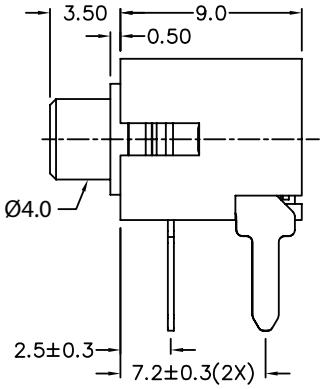
units: mm
tolerance:
X.X ±0.2 mm
X.XX ±0.1 mm
X.XXX ±0.05 mm
PCB: ±0.05 mm

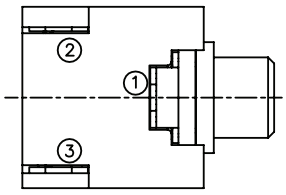


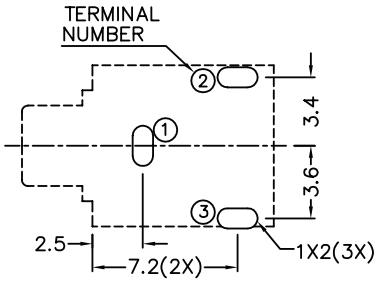
	MATERIAL	PLATING
terminal 1	brass	tin
terminal 2	copper alloy	tin
terminal 3	brass	tin
bushing	brass	nickel
plastic	PBT	



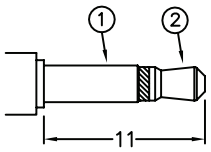




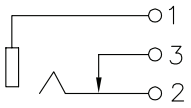




Recommended PCB Layout
Top View



Ø2.5 MATING PLUG

Model No.	MJ-2506N
Schematic	
PIN	
1	sleeve
2	tip
3	tip switch

REVISION HISTORY

rev.	description	date
1.0	initial release	11/01/2005
1.01	updated datasheet	09/12/2018
1.02	brand update	10/04/2019

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

CUI DEVICES

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