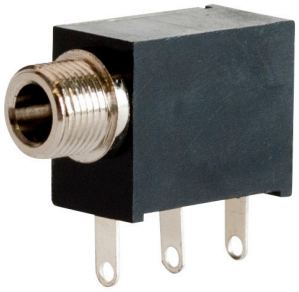
CUI DEVICES

MODEL: MJ-3502 | DESCRIPTION: AUDIO JACK

FEATURES

- 3.5 mm mono jack
- through hole
- threaded bushing



RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				2	A
contact resistance[1]				30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	at 50/60Hz for 1 minute			500	Vac
insertion force		0.4		2	kgf
withdrawal force		0.3		2	kgf
operating temperature		-25		70	°C
storage temperature		-25		70	°C
life			5,000		cycles
flammability rating	see material table for details				
RoHS	yes				

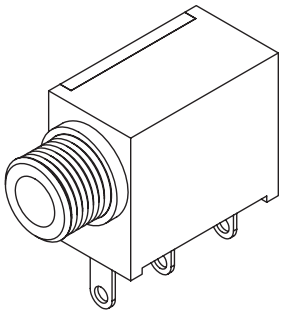
Note:
1. When measured at a current of less than 100 mA/1 kHz
2. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

SOLDERABILITY

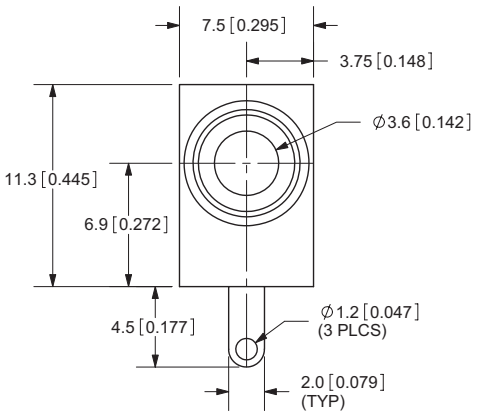
parameter	conditions/description	min	typ	max	units
hand soldering	for 3~5 seconds		360		°C

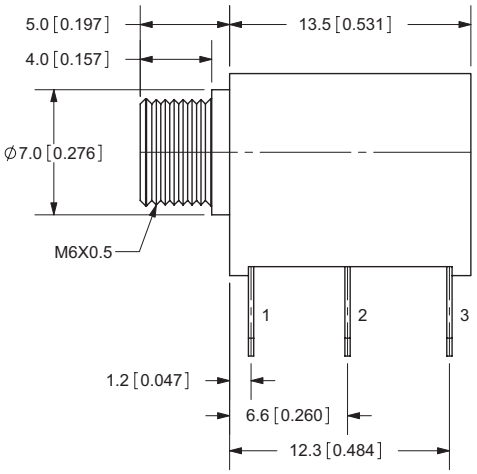
MECHANICAL DRAWING

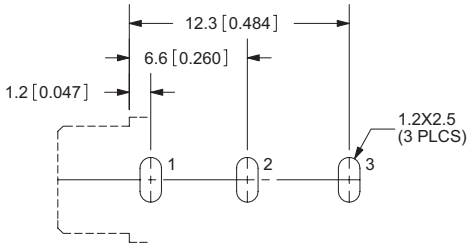
units: mm[inch]
tolerance: ±0.3 mm



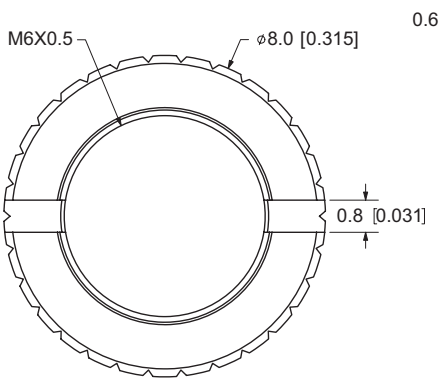
	MATERIAL	PLATING
terminal 1	brass	silver
terminal 2	phosphor bronze	silver
terminal 3	brass	silver
barrel	brass	nickel
housing	POM (UL94V-0)	black
cover	PC (UL94V-2)	transparent
nut	brass	nickel

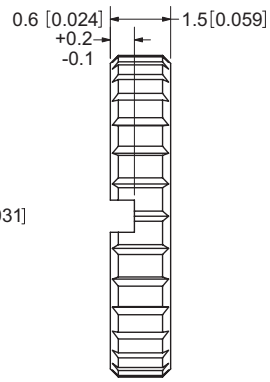


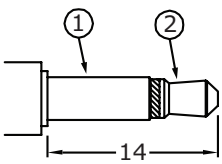




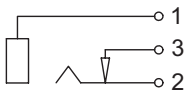
Recommended PCB Layout
Top View







Ø3.5 MATING PLUG

Model No.	MJ-3502
Schematic	
PIN	
1	sleeve
2	tip
3	tip switch

REVISION HISTORY

rev.	description	date
1.0	initial release	07/06/2007
1.01	brand update	04/01/2020

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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