CUI DEVICES

date 04/01/2020

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MODEL: MJ-3502 | DESCRIPTION: AUDIO JACK

FEATURES

- 3.5 mm mono jack
- through hole
- threaded bushing





SPECIFICATIONS

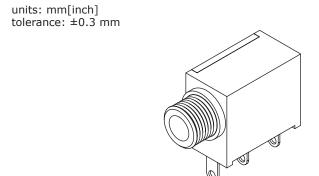
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				2	А
contact resistance ¹				30	mΩ
insulation resistance	at 500 Vdc	100			МΩ
voltage withstand	at 50/60Hz for 1 minute			500	Vac
insertion force		0.4		2	kgf
withdrawal force		0.3		2	kgf
operating temperature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

SOLDERABILITY

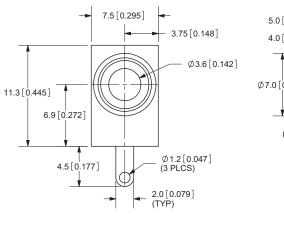
parameter	conditions/description	min	typ	max	units
hand soldering	for 3~5 seconds		360		°C

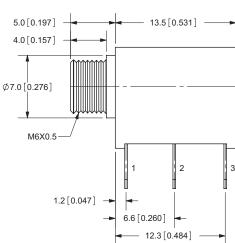
^{1.} When measured at a current of less than 100 mA/1 kHz 2. All specifications measured at $10\sim35^{\circ}$ C, humidity at $45\sim85\%$, under standard atmospheric pressure, unless otherwise noted.

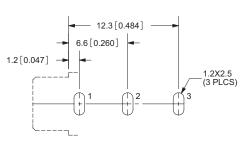
MECHANICAL DRAWING



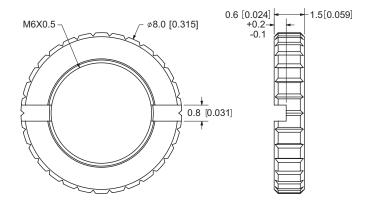
	MATERIAL	PLATING
terminal 1	brass	silver
terminal 2	phosphor bronze	silver
terminal 3	brass	silver
barrel	brass	nickel
housing	POM (UL94V-0)	black
cover	PC (UL94V-2)	transparent
nut	brass	nickel

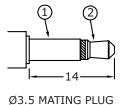






Recommended PCB Layout Top View





Model No.	MJ-3502	
Schematic	0 1 0 3 0 2	
PIN		
1	sleeve	
2	tip	
3	tip switch	

Additional Resources: Product Page | 3D Model | PCB Footprint

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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.

CUI Devices reserves the right to make changes to the product at any time without notice. Information provided by CUI Devices is believed to be accurate and reliable. However, no responsibility is assumed by CUI Devices for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

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