CUI DEVICES

SERIES: SJ1-43502PM | DESCRIPTION: 3.5 MM AUDIO JACK

FEATURES

- panel mount
- 4 conductor
- includes nut



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 for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
terminal strength	any direction for 10 seconds			500	g
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

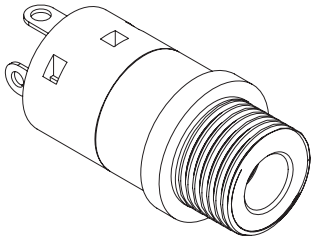
SOLDERABILITY

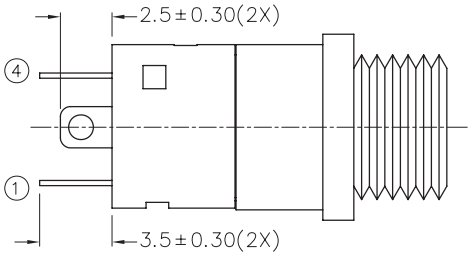
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°C

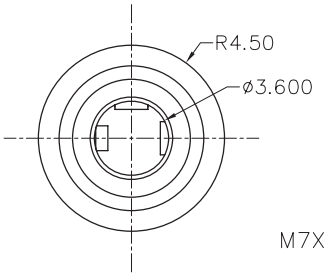
MECHANICAL DRAWING

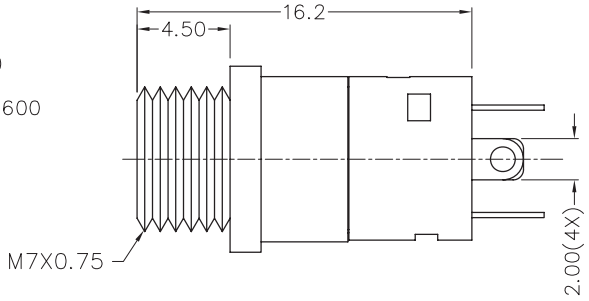
units: mm
tolerance:
X.X ±0.2mm
X.XX ±0.1mm
X.XXX ±0.05mm

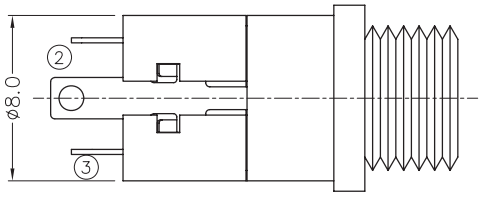
	MATERIAL	PLATING
terminal 1	copper alloy	tin
terminal 2	copper alloy	tin
terminal 3	copper alloy	tin
terminal 4	copper alloy	tin
bushing	brass	nickel
nut	brass	nickel
plastic	PA66	

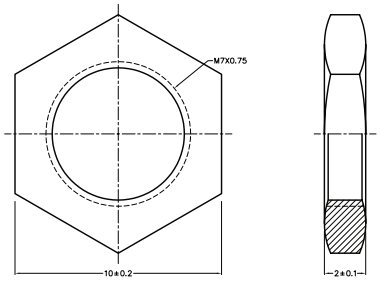


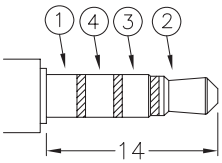




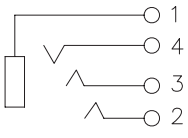








Ø3.5 MATING PLUG

Model No.	SJ1-43502PM
Schematic	
PIN	
1	sleeve
2	tip
3	ring 1
4	ring 2

Note: 1. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

REVISION HISTORY

rev.	description	date
1.0	initial release	10/15/2014
1.01	brand update	10/10/2019

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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