

**date** 10/15/2014

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

### **FEATURES**

- panel mount
- 4 conductor
- includes nut





## **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	$m\Omega$
insulation resistance	at 500 Vdc	100			МΩ
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	2011/65/EU				

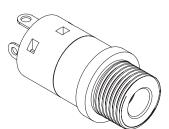
Note: 1. When measured at a current of less than 100 mA/1 kHz

# **SOLDERABILITY**

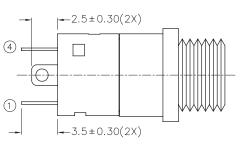
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for $5 \pm 0.5$ seconds	255	260	265	°C

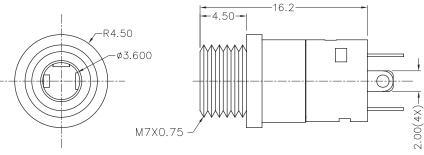
# **MECHANICAL DRAWING**

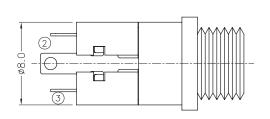
units: mm tolerance:  $X.X \pm 0.2mm$  $X.XX \pm 0.1mm$  $X.XXX \pm 0.05mm$ 

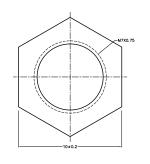


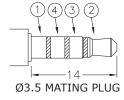
	MATERIAL	PLATING
terminal 1	copper alloy	tin
terminal 2	copper alloy	tin
terminal 3	copper alloy	tin
terminal 4	copper alloy	tin
bushing	brass	nickel
nut	brass	nickel
plastic	PA66	











Model No.	SJ1-43502PM	
Schematic	0 1 0 4 0 3 0 2	
PIN		
1	sleeve	
2	tip	
3	ring 1	
4	ring 2	

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

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



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

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