

**date** 06/15/2018

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# MODEL: MP-2501A | DESCRIPTION: AUDIO PLUG

#### **FEATURES**

- 2 conductor
- round cover





### **SPECIFICATIONS**

<u> </u>						
parameter	conditions/description	min	typ	max	units	
rated input voltage			12		Vdc	
rated input current				1	А	
contact resistance	between plug and jack			50	mΩ	
insulation resistance	at 100 Vdc	100			МΩ	
voltage withstand	for 1 minute			500	Vac	
insertion force	when mating with a standard jack	0.4		4	kgf	
withdrawal force	when mating with a standard jack	0.4		4	kgf	
operating temperature		-25		70	°C	
operating humidity				85	%	
life			5,000		cycles	
flammability rating	see material table					
RoHS	yes					

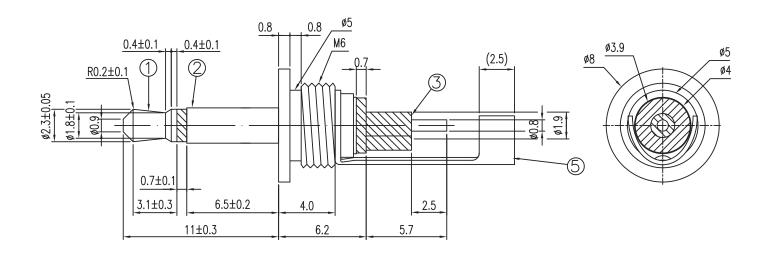
### **SOLDERABILITY**

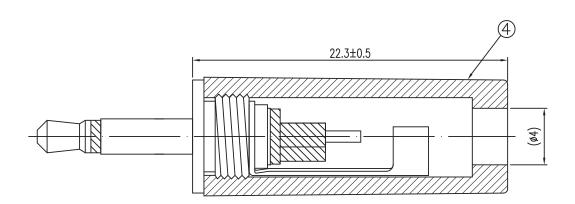
parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 1 second	380	400	420	°C

## **MECHANICAL DRAWING**

units: mm tolerance: X≤1.0: ±0.1 mm 1.0<X≤6.0: ±0.2 mm 6.0<X≤12.0: ±0.3 mm 12.0<X≤25.0: ±0.4 mm X>25.0: ±0.5 mm unless otherwise noted

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	tip	brass	nickel
2	sleeve	brass	nickel
3	insulator	PP (UL94HB)	black
4	cover	ABS (UL94HB)	black
5	crimp contact	brass	nickel





#### **REVISION HISTORY**

rev.	description	date
1.0	initial release	06/15/2018

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



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