

**MODEL:** MR-3530 | **DESCRIPTION:** AUDIO RECEPTACLE**FEATURES**

- 2 conductor
- cable mount
- octagonal cover with strain relief

**SPECIFICATIONS**

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

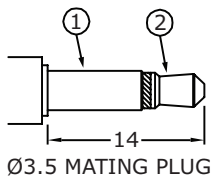
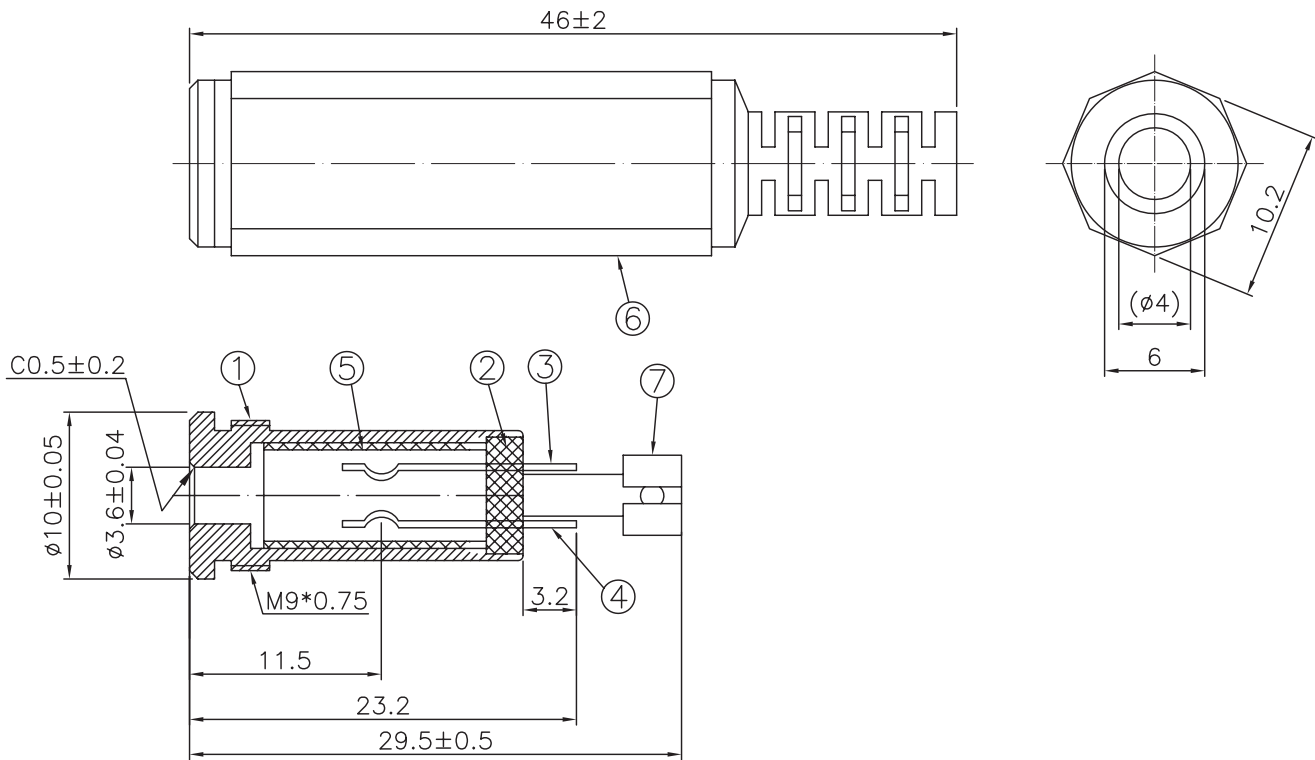
**SOLDERABILITY**

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

## MECHANICAL DRAWING

units: mm  
 tolerance:  
 $X \leq 1.0$ :  $\pm 0.1$  mm  
 $1.0 < X \leq 6.0$ :  $\pm 0.2$  mm  
 $6.0 < X \leq 12.0$ :  $\pm 0.3$  mm  
 $12.0 < X \leq 25.0$ :  $\pm 0.4$  mm  
 $X > 25.0$ :  $\pm 0.5$  mm  
 unless otherwise noted

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	body	brass	nickel
2	insulator	ABS (UL94HB)	white
3	terminal 2	phosphor bronze	gold
4	terminal 2	phosphor bronze	gold
5	plastic tube	POM (UL94HB)	natural
6	cover	PVC	black
7	crimp contact	brass	nickel



Model No.	MR-3530
Schematic	
TERMINAL	
1	sleeve
2	tip

## REVISION HISTORY

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

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