

MODEL: MR-3530A | DESCRIPTION: AUDIO RECEPTACLE

FEATURES

- 2 conductor
- cable mount
- round cover



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:

$X \leq 1.0$: ± 0.1 mm

 $1.0 < X \leq 6.0: \pm 0.2 \text{ mm}$

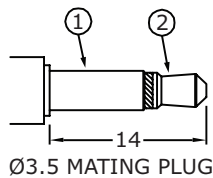
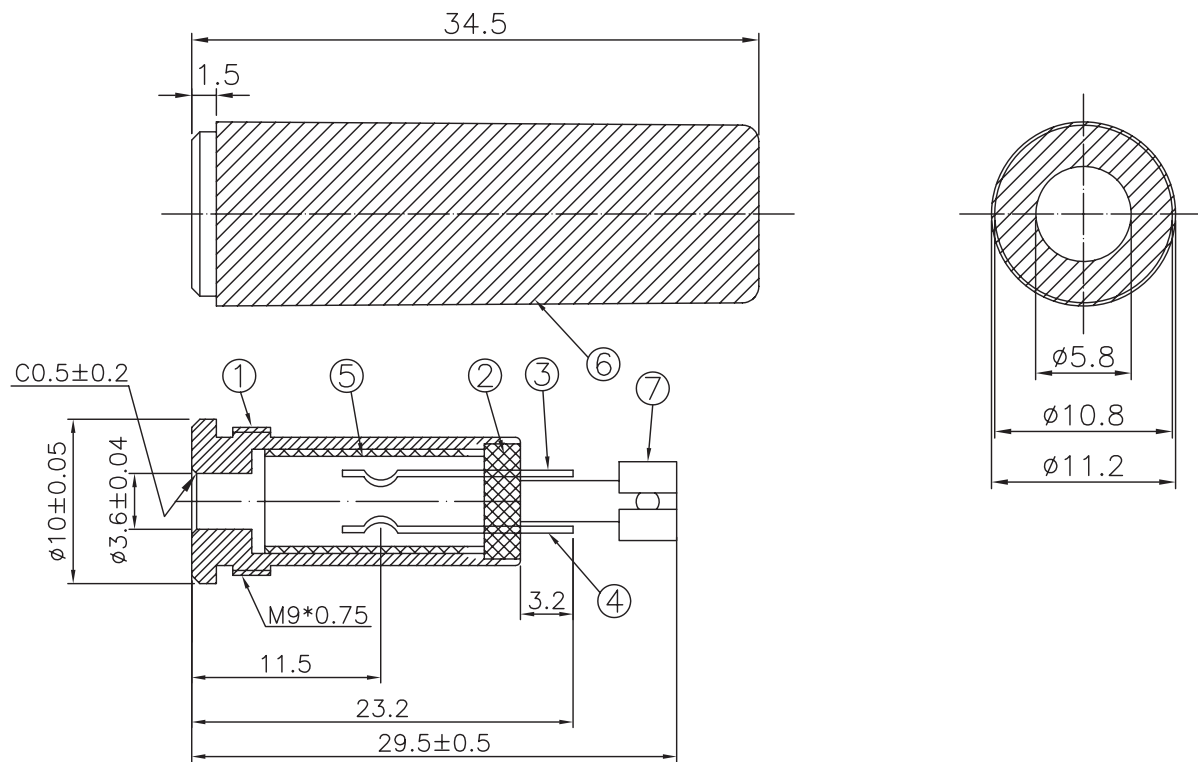
6.0<X≤12.0: ±0.3 mm

12.0<X≤25.0: ±0.4 mm

X>25.0: ± 0.5 mm

unless otherwise noted

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	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	ABS [UL94HB]	black
7	crimp contact	brass	nickel



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

REVISION HISTORY

rev.	description	date
1.0	initial release	06/15/2018
1.01	brand update	10/18/2019
1.02	logo, datasheet style update	08/18/2022
1.03	CUI Devices rebranded to Same Sky	09/12/2024

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



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

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