


MODEL: IA-MS2535 | **DESCRIPTION:** AUDIO INLINE ADAPTER

FEATURES

- 3.5 mm stereo to 2.5 mm mono
- hexagonal cover


SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance	between plug and jack			1	Ω
insulation resistance	at 300 Vdc	2			M Ω
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	$^{\circ}$ C
operating humidity				85	%
life			5,000		cycles
flammability rating	see material table				
RoHS	yes				

MECHANICAL DRAWING

units: mm

tolerance:

$X \leq 1.0$: ± 0.1 mm

$1.0 < X \leq 6.0$: ± 0.2 mm

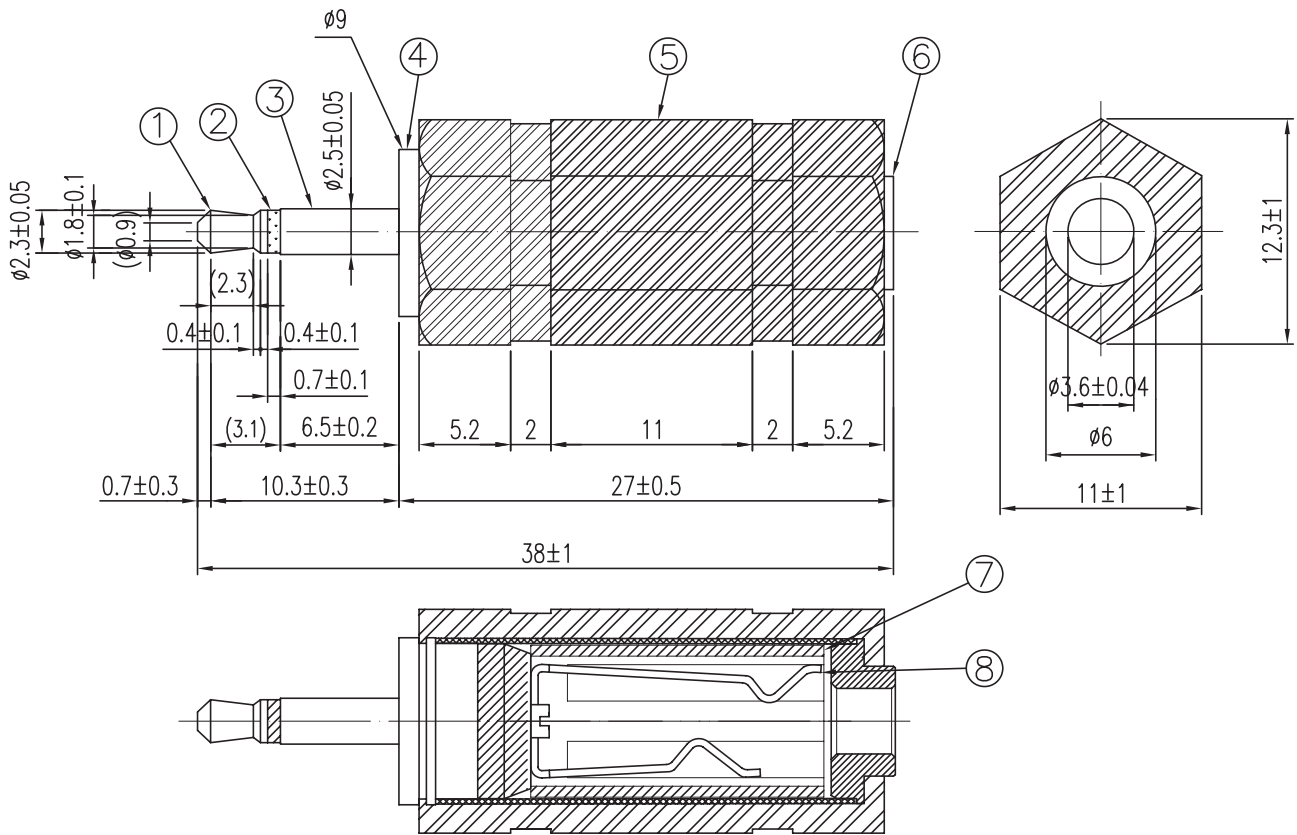
$6.0 < X \leq 12.0$: ± 0.3 mm

$12.0 < X \leq 25.0$: ± 0.4 mm

$X > 25.0$: ± 0.5 mm

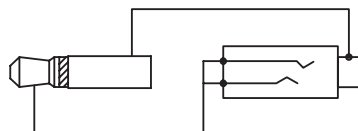
unless otherwise noted

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	plug tip	brass	nickel
2	insulator	ABS[UL94HB]	black
3	plug sleeve	brass	nickel
4	body	brass	nickel
5	cover	PVC	black
6	receptacle sleeve	brass	nickel
7	insulator	PE	
8	receptacle tip & ring	brass	nickel



Ø2.5 Mono Plug

Ø3.5 Stereo Receptacle



Schematic

REVISION HISTORY

rev.	description	date
1.0	initial release	06/18/2018
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.



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