

MODEL: IA-MS3535 | DESCRIPTION: AUDIO INLINE ADAPTER

FEATURES

- 3.5 mm stereo to 3.5 mm mono
- hexagonal cover



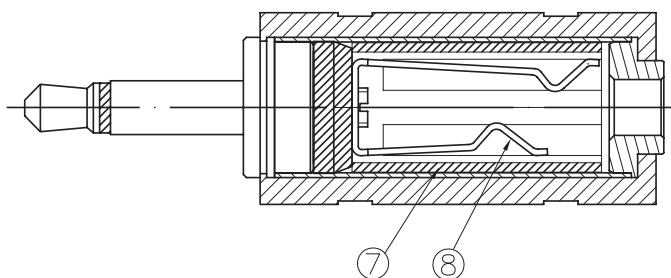
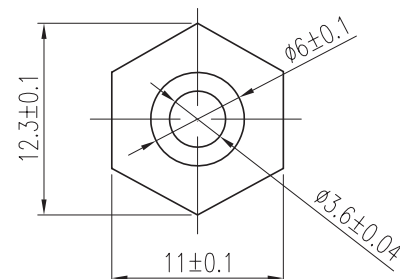
SPECIFICATIONS

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			MΩ
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				

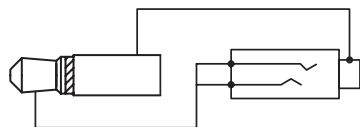
units: mm
tolerance:
X≤1.0: ±0.1 mm
1.0<X≤6.0: ±0.2 mm
6.0<X≤12.0: ±0.3 mm
12.0<X≤25.0: ±0.4 mm
X>25.0: ±0.5 mm
unless otherwise noted

Technical drawing of a mechanical part with dimensions and feature callouts:

- Dimensions:**
 - Overall length: 41 ± 0.5
 - Section 1 length: 14 ± 0.3
 - Section 2 length: 27 ± 0.5
 - Section 3 length: 8.5 ± 0.2
 - Section 4 length: 7.2
 - Section 5 length: 11
 - Section 6 length: 2
 - Section 7 length: 5.2
 - Section 8 length: 3.8
 - Section 9 length: 0.7 ± 0.1
 - Section 10 length: 0.4 ± 0.1
 - Section 11 length: 0.4 ± 0.1
- Feature Callouts:**
 - ①: Fillet with radius $R0.02 \pm 0.1$
 - ②: Fillet with radius $R0.02 \pm 0.1$
 - ③: Fillet with radius $R0.02 \pm 0.1$
 - ④: Fillet with radius $R0.02 \pm 0.1$
 - ⑤: Fillet with radius $R0.02 \pm 0.1$
 - ⑥: Fillet with radius $R0.02 \pm 0.1$
 - ⑦: Fillet with radius $R0.02 \pm 0.1$
 - ⑧: Fillet with radius $R0.02 \pm 0.1$
 - ⑨: Fillet with radius $R0.02 \pm 0.1$
 - ⑩: Fillet with radius $R0.02 \pm 0.1$
 - ⑪: Fillet with radius $R0.02 \pm 0.1$
- Other Dimensions:**
 - Overall diameter: $\phi 3.2 \pm 0.1$
 - Section 1 diameter: $\phi 3 \pm 0.05$
 - Section 2 diameter: $\phi 2.5 \pm 0.1$
 - Section 3 diameter: $\phi 3.5 \pm 0.05$



Ø3.5 Stereo Receptacle



Schematic

REVISION HISTORY

rev.	description	date
1.0	initial release	06/15/2018
1.01	brand update	10/18/2019

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

CUI DEVICES

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