CUI DEVICES

date 10/11/2019

page 1 of 3

MODEL: SP-2544 | DESCRIPTION: AUDIO PLUG

FEATURES

- 4 conductor
- hexagonal cover with strain relief





SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	А
contact resistance	between plug and jack			100	mΩ
insulation resistance	at 100 Vdc	50			MΩ
voltage withstand	for 1 minute			200	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	ves				

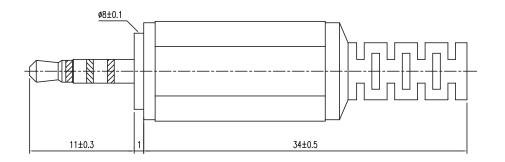
SOLDERABILITY

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

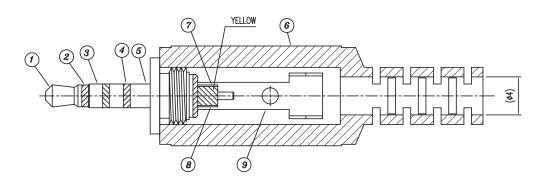
MECHANICAL DRAWING

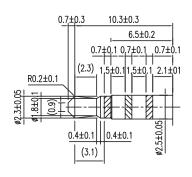
units: mm tolerance: $X \le 1.0$: ± 0.1 mm $1.0 < X \le 6.0$: ± 0.2 mm $6.0 < X \le 12.0$: ± 0.3 mm $12.0 < X \le 25.0$: ± 0.4 mm X > 25.0: ± 0.5 mm unless otherwise noted

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	tip	brass	nickel
2	insulator	POM (UL94HB)	black
3	ring 1	brass	nickel
4	insulator	POM (UL94HB)	black
5	sleeve	brass	nickel
6	cover	PVC	black
7	ring 2 contact	brass	gold
8	ring 1 contact	brass	nickel
9	crimp contact	brass	nickel









Additional Resources: Product Page | 3D Model

CUI Devices | MODEL: SP-2544 | DESCRIPTION: AUDIO PLUG date 10/11/2019 | page 3 of 3

REVISION HISTORY

rev.	description	date
1.0	initial release	06/15/2018
1.01	brand update	10/11/2019

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

CUI DEVICES

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

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