

date 06/18/2018

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MODEL: SP-3544G | DESCRIPTION: AUDIO PLUG

FEATURES

- 4 conductor
- designed for overmolding
- gold plated





SPECIFICATIONS

parameter	conditions/description	min	typ	max	units	
rated input voltage			12		Vdc	
rated input current				1	Α	
contact resistance	between plug and jack			50	mΩ	
insulation resistance	at 500 Vdc	100			MΩ	
voltage withstand	for 1 minute			250	Vac	
insertion force	when mating with a standard jack	0.3		4	kgf	
withdrawal force	when mating with a standard jack	0.3		4	kgf	
operating temperature		-25		70	°C	
operating humidity				85	%	
life			5,000		cycles	
flammability rating	see material table					
RoHS	yes					

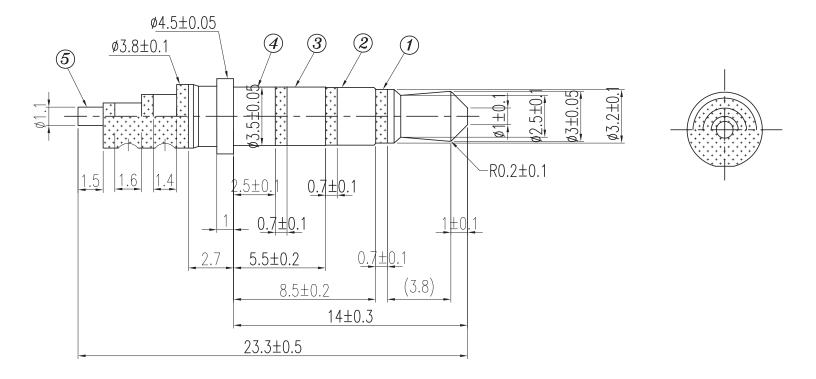
SOLDERABILITY

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

MECHANICAL DRAWING

units: mm tolerance: X≤1.0: ±0.1 mm 1.0<X≤6.0: ±0.2 mm 6.0<X≤18.0: ±0.3 mm 18.0<X≤40.0: ±0.4 mm X>40.0: ±0.5 mm unless otherwise noted

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	insulator	POM (UL94HB)	black
2	ring 1	brass	gold
3	ring 2	brass	gold
4	sleeve	brass	gold
5	tip contact	brass	gold



REVISION HISTORY

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

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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