

date 06/18/2018

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MODEL: SP-3533-02 | DESCRIPTION: AUDIO PLUG

FEATURES

- 3 conductor
- PCB mount
- through hole





SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	А
contact resistance	between plug and jack			50	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	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	yes				

SOLDERABILITY

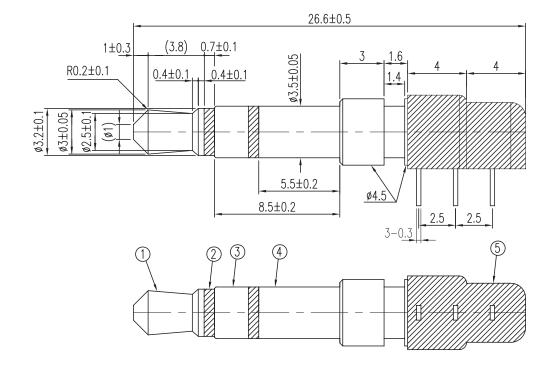
parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 1 second	380	400	420	°C

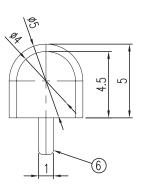
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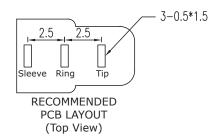
MECHANICAL DRAWING

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	nylon (UL94V-0)	black
3	ring	brass	nickel
4	sleeve	brass	nickel
5	insulator	nylon (UL94V-0)	black
6	solder pins	brass	nickel







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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