

Additional Resources: Product Page | 3D Model

date 09/12/2024

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

FEATURES

- 3 conductor
- · designed for overmolding





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			МΩ
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				

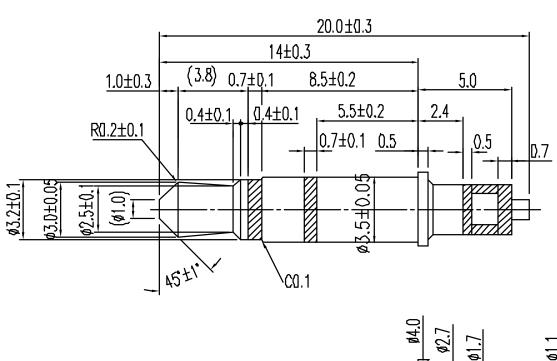
SOLDERABILITY

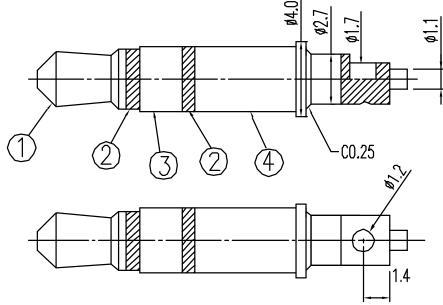
parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 1 second	380	400	420	°C

MECHANICAL DRAWING

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

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	tip	brass	nickel
2	insulator	POM (UL94HB)	white
3	ring	brass	nickel
4	sleeve	brass	nickel







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SAME SKY | MODEL: SP-3533-WT | DESCRIPTION: AUDIO PLUG

REVISION HISTORY

rev.	description	date	
1.0	initial release	06/18/2018	
1.01	brand update	10/11/2019	
1.02	logo, datasheet style update	08/16/2022	
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.



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

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