

**date** 06/18/2018

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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			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				

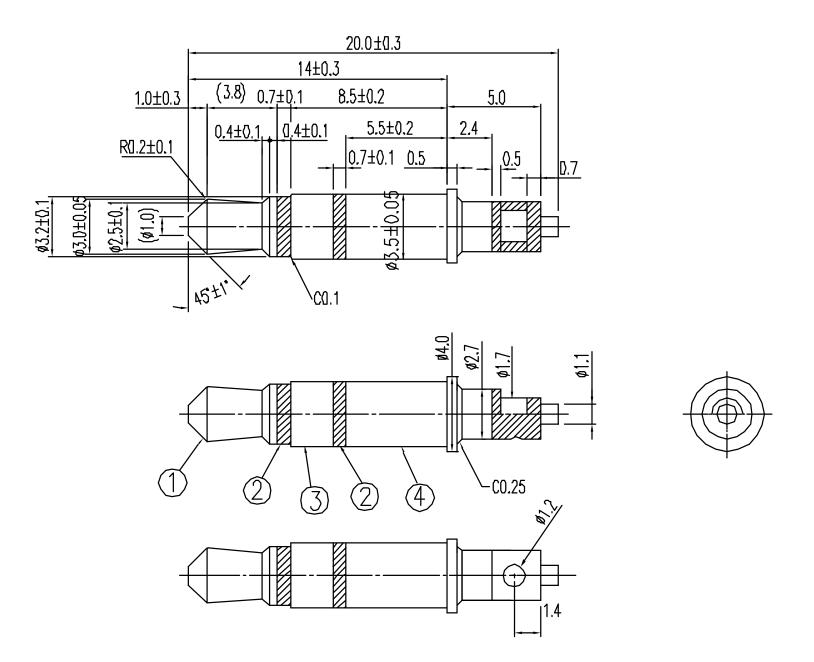
## **SOLDERABILITY**

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

# **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	tip	brass	nickel
2	insulator	POM (UL94HB)	white
3	ring	brass	nickel
4	sleeve	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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