


**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	A
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				

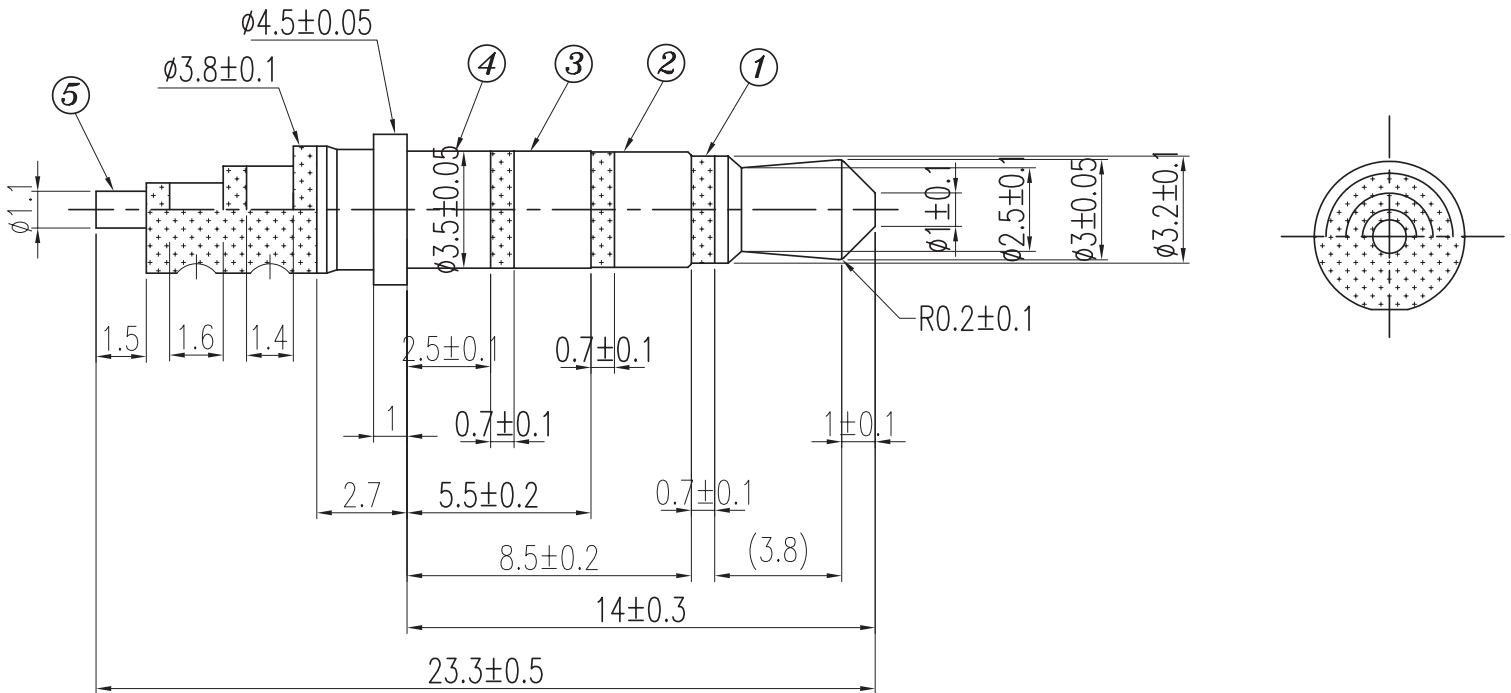
**SOLDERABILITY**

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

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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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