

**MODEL:** MJ-3536NG | **DESCRIPTION:** AUDIO JACK

**FEATURES**

- isolated ground
- internal tip switch


**SPECIFICATIONS**

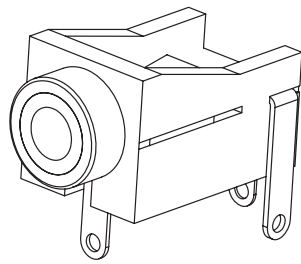
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance				30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-40		85	°C
storage temperature		-10		50	°C
life			5,000		cycles
RoHS	yes				

**SOLDERABILITY**

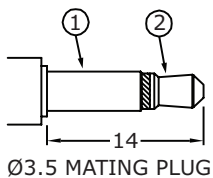
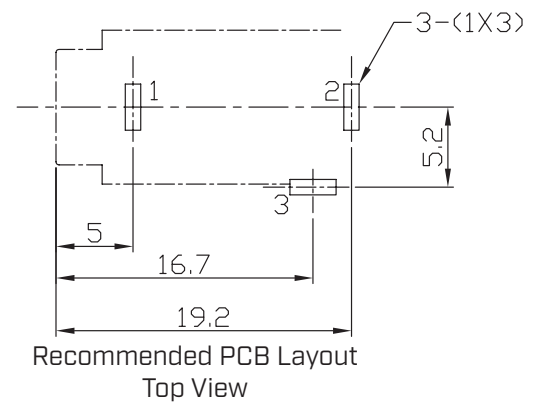
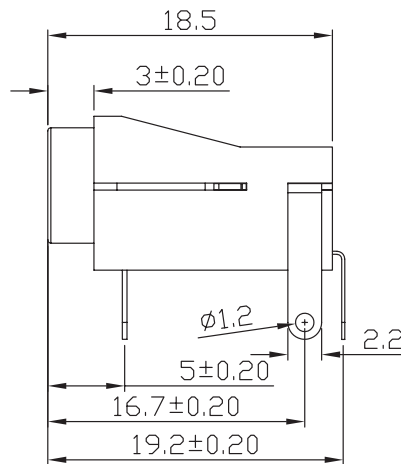
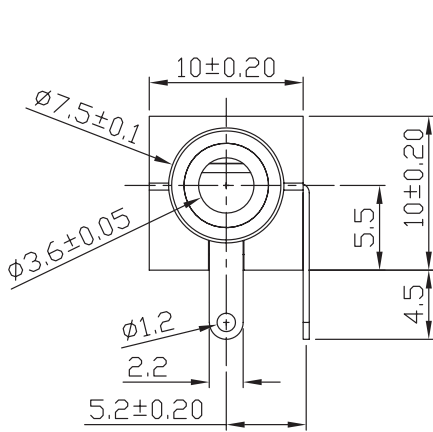
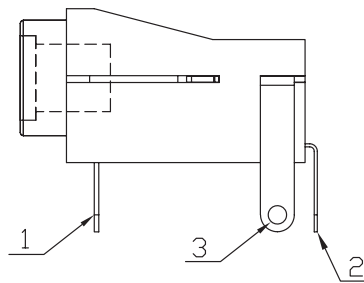
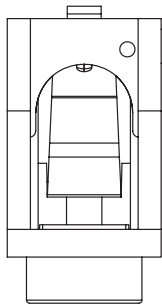
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 10 seconds max		260	265	°C

## MECHANICAL DRAWING

units: mm  
 tolerance:  
 X.X ±0.30 mm  
 X.XX ±0.20 mm  
 X.XXX ±0.10 mm  
 PCB: ±0.05 mm  
 unless otherwise specified



DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	brass t=0.30	copper-tin
terminal 2	phosphor bronze t=0.20	copper-tin
terminal 3	brass t=0.40	copper-tin
housing	PA66 (UL94HB)	black



Model No.	MJ-3536NG
Schematic	
PIN	
1	sleeve
2	tip
3	tip switch

## REVISION HISTORY

rev.	description	date
1.0	initial release	11/11/2005
1.01	added PCB slot dimensions	10/07/2010
1.02	brand update	02/03/2020
1.03	product reengineered for improved manufacturability and production yield, see PCN for details	02/22/2023

The revision history provided is for informational purposes only and is believed to be accurate.



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