

date 04/11/2023

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MODEL: MJ-3536N | DESCRIPTION: AUDIO JACK

FEATURES

- flashed bushing
- · internal tip switch





SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	А
contact resistance	between terminal and mating plug between terminal in a closed circuit			50 30	$m\Omega$
insulation resistance	at 500 Vdc	100			МΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life		5,000		cycles	
flammability rating	UL94V-D				
RoHS	Ves				

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°C

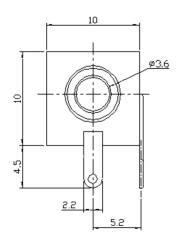
MECHANICAL DRAWING

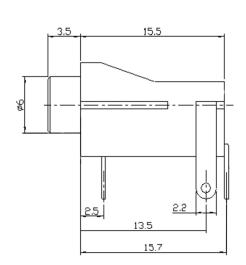
units: mm

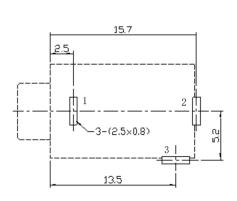
tolerance: ±0.15 mm PCB: ±0.05 mm

unless otherwise specified

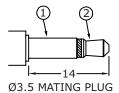
DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	brass	silver
terminal 2	brass	silver
terminal 3	brass	silver
bushing	brass	tin
housing	PA (UL94V-0)	black







Recommended PCB Layout Top View



Model No.	MJ-3536N
Schematic	01
PIN	
1	sleeve
2	tip
3	tip switch

REVISION HISTORY

rev.	description	date	
1.0	initial release	11/17/2005	
1.01	added PCB slot dimensions	10/07/2010	
1.02	brand update	02/10/2020	
1.03	product reengineered for improved manufacturability and production yield, see PCN for details	04/11/2023	

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



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