same sky

Additional Resources: Product Page | PCB Footprint

date 09/12/2024

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MODEL: MJ-3536N | DESCRIPTION: AUDIO JACK

FEATURES

- · flashed bushing
- internal tip switch





SPECIFICATIONS

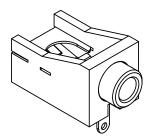
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	А
contact resistance	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ
insulation resistance	at 500 Vdc	100			МΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal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

SOLDERABILITY

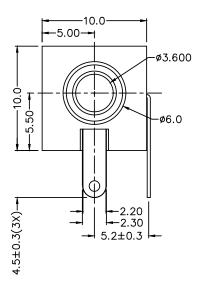
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°C

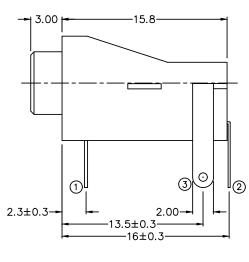
MECHANICAL DRAWING

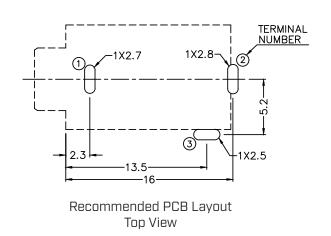
units: mm tolerance: X. ±0.50 mm X.X ±0.30 mm X.XX ±0.20 mm X.XXX ±0.10 mm PCB: ±0.05 mm unless otherwise specified

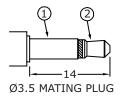


DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	brass	tin over nickel
terminal 2	copper alloy	tin over nickel
terminal 3	brass	tin over nickel
bushing	brass	nickel
housing	PBT (UL94V-0)	black









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	
1.04	product reengineered for improved manufacturability and production yield, see PCN for details	08/14/2024	
1.05	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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Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.