

date 03/06/2023

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MODEL: MJ-3523-SMT-TR | DESCRIPTION: AUDIO JACK

FEATURES

- 3.5 mm
- · right angle
- reflow solder compatible
- surface mount



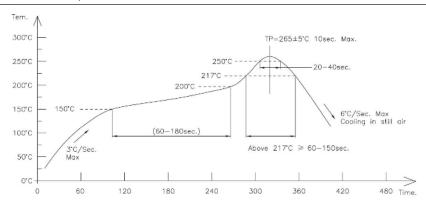


SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	А
contact resistance				50	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-0				
RoHS	yes				

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reflow soldering	see reflow profile	260	265	270	°C

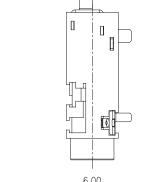


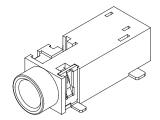
MECHANICAL DRAWING

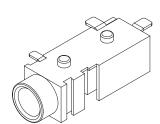
units: mm tolerance: X. ±0.50 mm X.X ±0.30 mm X.XX ±0.20 mm PCB: ±0.05 mm

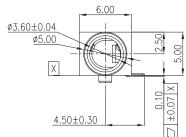
unlage	otherwise	anaaifiaa
uniess	Utilei Wise	Specified

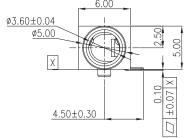
DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	copper alloy	silver
terminal 2	copper alloy	silver
terminal 10	brass	silver
housing	PA10T (UL94V-0)	black

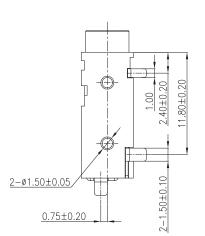


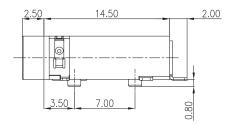


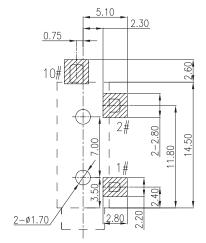




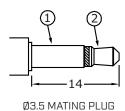








Recommended PCB Layout Top View



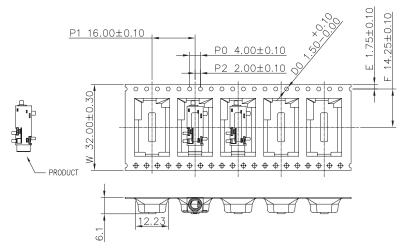
Schematic	01002	
PIN		
1	sleeve	
2	tip	
10	tip switch	

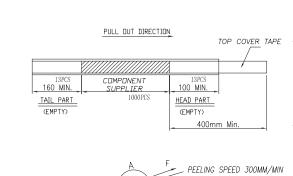
PACKAGING

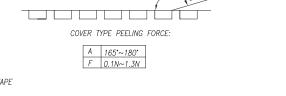
units: mm

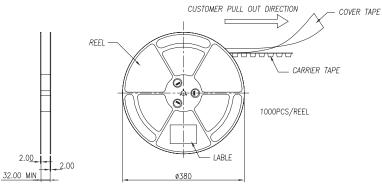
Reel Size: Ø380mm

Reel QTY: 1,000 pcs per reel









REVISION HISTORY

rev.	description	date	
1.0	initial release	12/02/2005	
1.01	updated plastic mold	12/18/2007	
1.02	corrected dimension from 2.15 to 1.40 mm	08/18/2009	
1.03	brand update	03/30/2020	
1.04	product reengineered for improved manufacturability and production yield, see PCN for details	03/06/2023	

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



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