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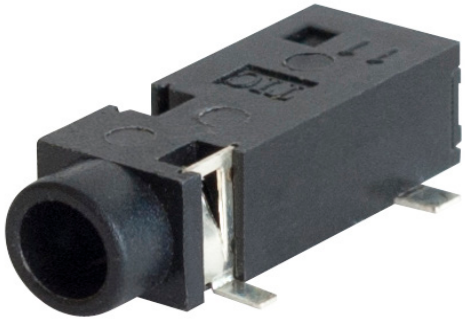
MODEL: MJ-3523-SMT-TR | DESCRIPTION: AUDIO JACK

FEATURES

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



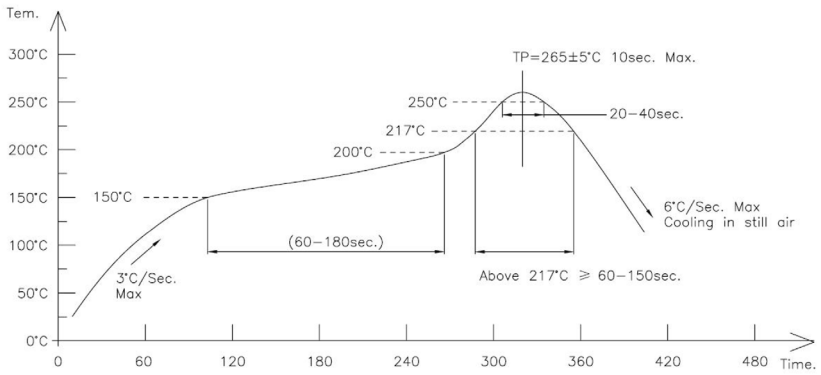
RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance				50	mΩ
insulation resistance	at 500 Vdc	100			MΩ
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

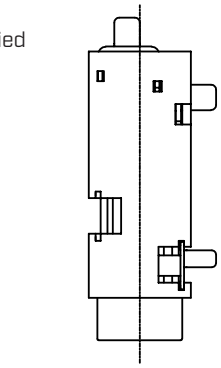
parameter	conditions/description	min	typ	max	units
reflow soldering	see reflow profile	260	265	270	°C

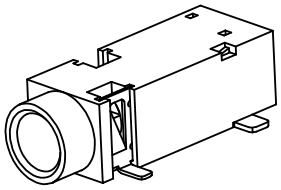


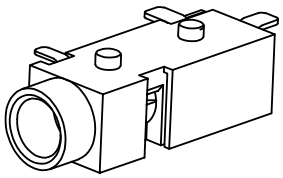
MECHANICAL DRAWING

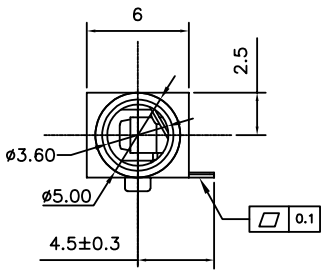
units: mm
tolerance:
X. ±0.50 mm
X.X ±0.30 mm
X.XX ±0.20 mm
PCB: ±0.05 mm
unless otherwise specified

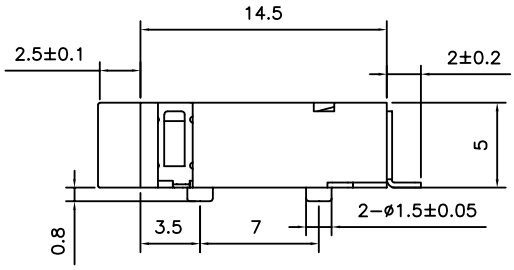
DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	phosphor copper t=0.2 mm	silver
terminal 2	phosphor copper t=0.3 mm	silver
terminal 10	brass t=0.3 mm	silver
housing	PA10T (UL94V-0)	black

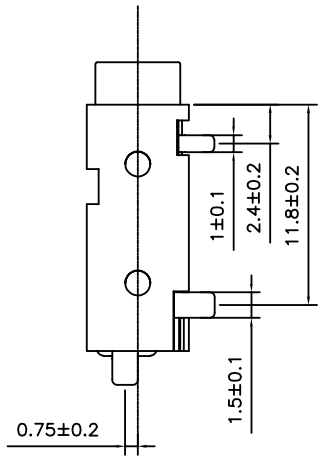


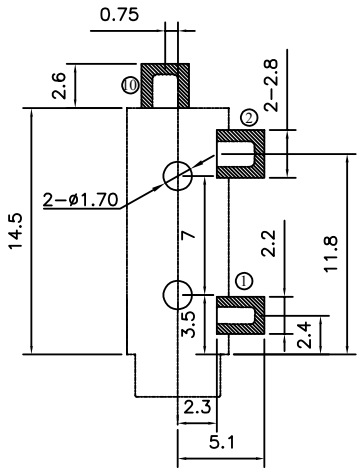




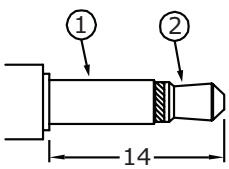




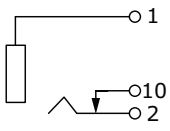




Recommended PCB Layout
Top View



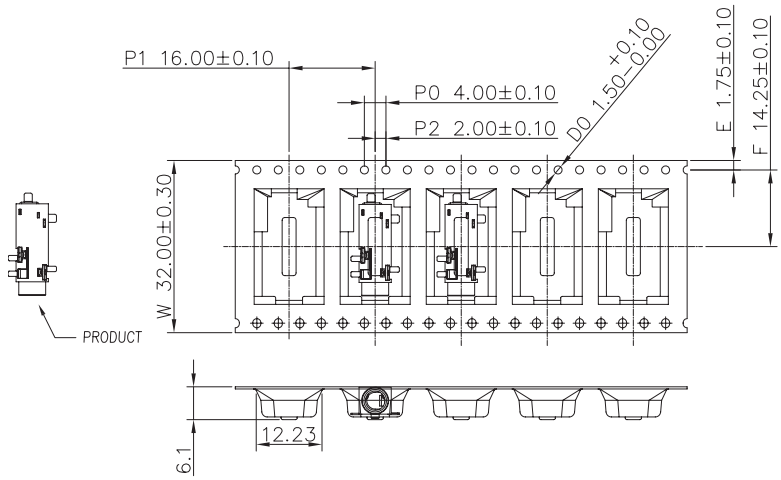
Ø3.5 MATING PLUG

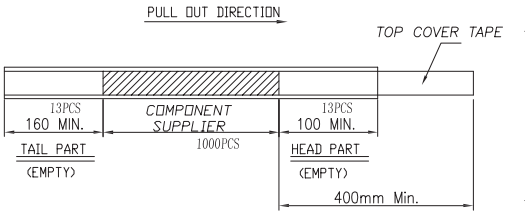
Schematic	
PIN	
1	sleeve
2	tip
10	tip switch

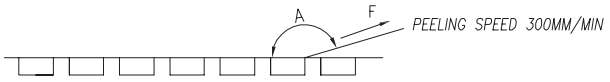
PACKAGING

units: mm

Reel Size: Ø380mm
Reel QTY: 1,000 pcs per reel

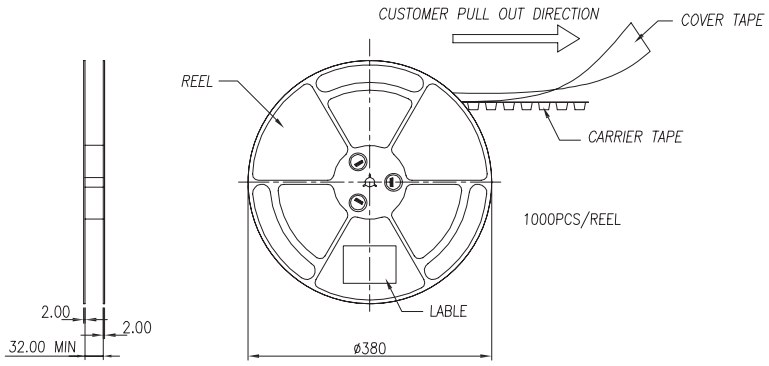






COVER TYPE PEELING FORCE:

A	165°~180°
F	0.1N~1.3N



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
1.05	CUI Devices rebranded to Same Sky	09/12/2024
1.06	modified housing, terminal materials changed	04/15/2025

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

same sky

Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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