

date 05/01/2015

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SERIES: SJ1-351X-SMT | DESCRIPTION: 3.5 MM AUDIO JACKS

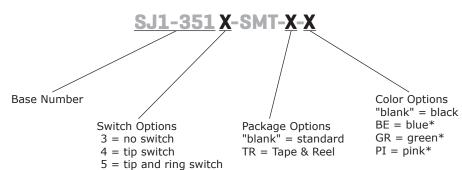
FEATURES

- low profile design
- switch options include:
- no switch
- tip switch
- tip and ring switch
- gold flash
- · plastic housing





PART NUMBER KEY



*tip and ring switch model only

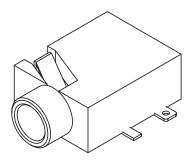
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	А
contact resistance ¹	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			ΜΩ
voltage withstand	at 50/60Hz for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
terminal strength	any direction for 10 seconds			500	g
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	2011/65/EU				
Notes: 1. When measured at a cu	rrent of less than 100 mA / 1 kHz				

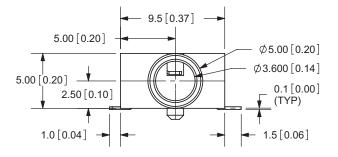
MECHANICAL DRAWING

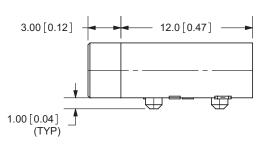
units: mm[inches]

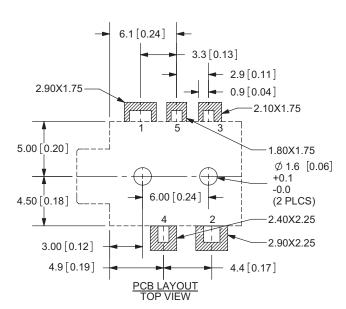
TOLERANCE: $X.X \pm 0.2mm$ $X.XX \pm 0.1mm$ $X.XXX \pm 0.05mm$

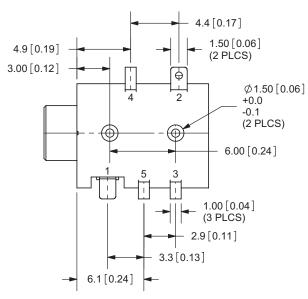


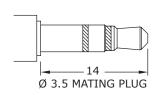
	MATERIAL	PLATING
terminal 1	copper alloy	gold (min 0.5 μ")
terminal 2	copper alloy	gold (min 0.5 μ")
terminal 3	copper alloy	gold (min 0.5 μ")
terminal 4	brass	gold (min 0.5 μ")
terminal 5	brass	gold (min 0.5 μ")
plastic	PA6T	





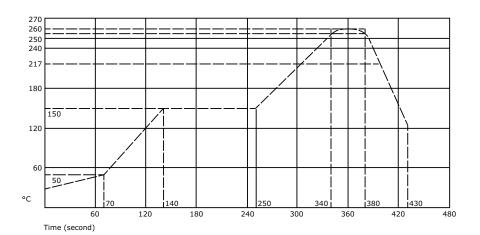






Model No.	SJ1-3513-SMT	SJ1-3514-SMT	SJ1-3515-SMT
Schematic	°1 °3 °2	01 03 04 02	01 03 05 04 02
PIN			
1	sleeve	sleeve	sleeve
2	tip	tip	tip
3	ring	ring	ring
4	NP	tip switch	tip switch
5	NP	NP	ring switch

parameter	conditions/description	min	typ	max	units
reflow soldering	see reflow profile	255	260	265	°C



REVISION HISTORY

rev.	description	date
1.0	initial release	11/21/2005
1.01	new template applied	01/27/2012
1.02	added TR package and color options	11/01/2012
1.03	updated datasheet	05/01/2015

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



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