

date 11/01/2012

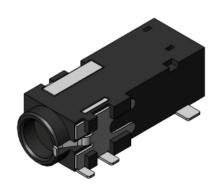
page 1 of 3

SERIES: SJ-4351X-SMT | **DESCRIPTION:** 3.5 MM AUDIO JACKS

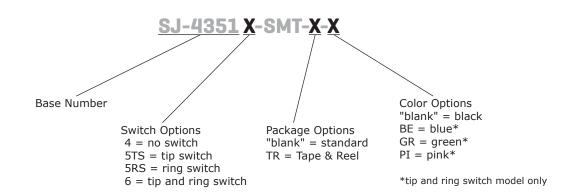
FEATURES

- narrow footprint
- plastic bushing
- multiple switch options available





PART NUMBER KEY



SPECIFICATIONS

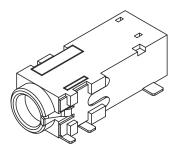
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	А
contact resistance	between terminal and mating plug between terminal in a closed circuit ¹			50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			ΜΩ
voltage withstand	at 50/60Hz for 1 minute			500	Vac
insertion/withdrawl force		0.3		3	kg
terminal strength	any direction for 10 seconds			500	g
operating temperature		-25		85	°C
life			5,000		cycles

Notes: 1. When measured at a current of less than 100 mA / 1 kHz

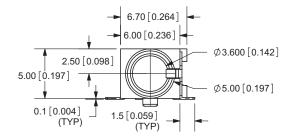
MECHANICAL DRAWING

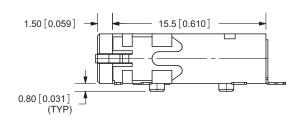
units: mm[inches]

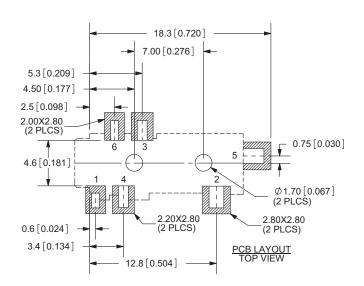
TOLERANCE: $X.X \pm 0.2mm$ $X.XX \pm 0.1mm$ $X.XXX \pm 0.05mm$

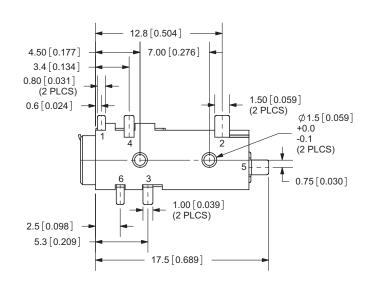


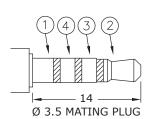
	MATERIAL	PLATING
terminal 1	copper alloy	silver
terminal 2	copper alloy	silver
terminal 3	copper alloy	silver
terminal 4	copper alloy	silver
terminal 5	brass	silver
terminal 6	copper alloy	silver
plastic	PA6T	







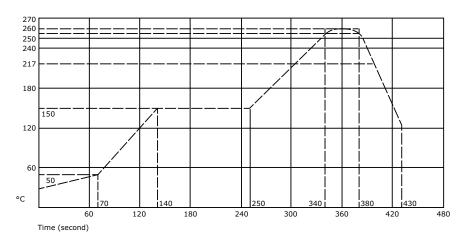




Model No.	SJ-43514-SMT	SJ-43515TS-SMT	SJ-43515RS-SMT	SJ-43516-SMT
Schematic	01 04 03	01 04 03 05 05 02	01 04 03 06	0 1 0 4 0 6 0 6 0 5 0 5
PIN				
1	sleeve	sleeve	sleeve	sleeve
2	tip	tip	tip	tip
3	ring 1	ring 1	ring 1	ring 1
4	ring 2	ring 2	ring 2	ring 2
5	NP	tip switch	NP	tip switch
6	NP	NP	ring switch	ring switch

SOLDERABILITY

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	01/17/2006	
1.01	new template applied	02/02/2012	
1.02	added TR package and color options	11/01/2012	

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



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