

**SERIES:** SJ1-4251X | **DESCRIPTION:** AUDIO JACK**FEATURES**

- low profile design
- switch options include:
 - no switch
 - tip switch
 - ring switch
 - tip and ring switch

**PART NUMBER KEY****SJ1 - 4251 X**

Base Number

Switch Options

4 = no switch

5TS = tip switch

6 = tip and ring switch

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	at 50/60Hz 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
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°C

REVISION HISTORY

rev.	description	date
1.0	initial release	10/27/2005
1.01	new template applied	12/15/2011
1.02	brand update	01/31/2020
1.03	discontinued model SJ1-42515RS; logo, datasheet style update	08/18/2022
1.04	product reengineered for improved manufacturability and production yield, see PCN for details	07/27/2023

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