CUI Devices is now Same Sky! Learn More

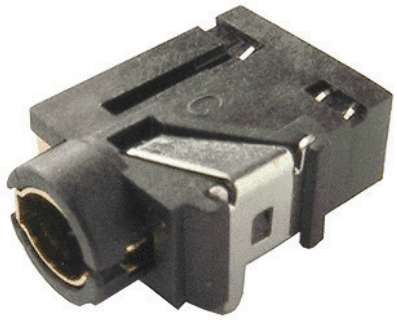
same sky

Additional Resources: Product Page | 3D Model | PCB Footprint

SERIES: SJ-4351X | DESCRIPTION: AUDIO JACK

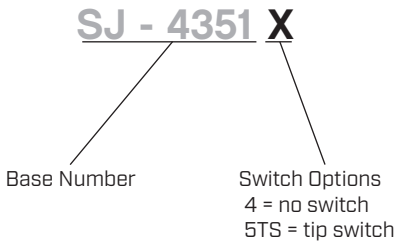
FEATURES

- PCB mount
- plastic bushing
- low profile design



RoHS

PART NUMBER KEY



SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			16		Vdc
rated input current				300	mA
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		0.4		3	kg
terminal strength	any direction for 10 seconds			500	g
operating temperature		-25		85	°C
life			5,000		cycles
RoHS	yes				

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

SOLDERABILITY

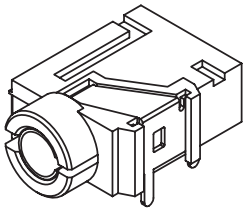
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5±0.5 seconds at	255	260	265	°C

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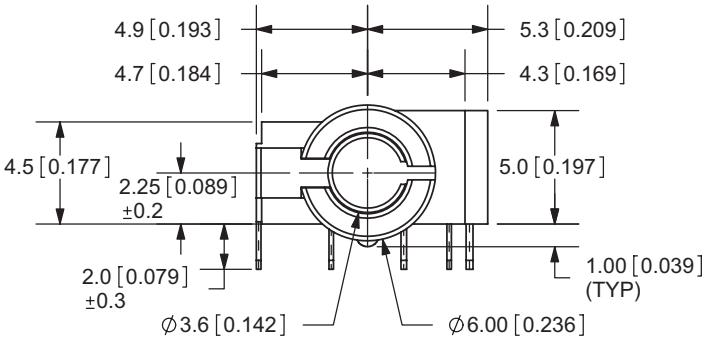
MECHANICAL DRAWING

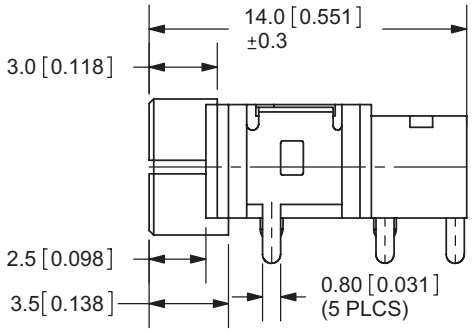
units: mm[inches]

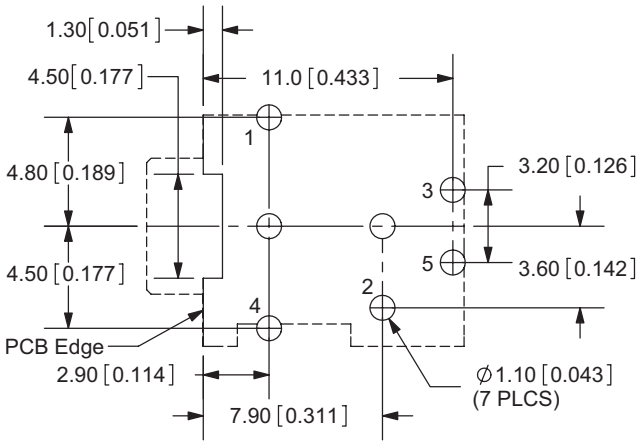
TOLERANCE:
X.X ±0.2mm
X.XX ±0.1mm
X.XXX ±0.05mm



	MATERIAL	PLATING
terminal 1	phosphor bronze	gold
terminal 2	titanium copper	tin
terminal 3	phosphor bronze	tin
terminal 4	phosphor bronze	tin
terminal 5	brass	tin
plastic	PA66	

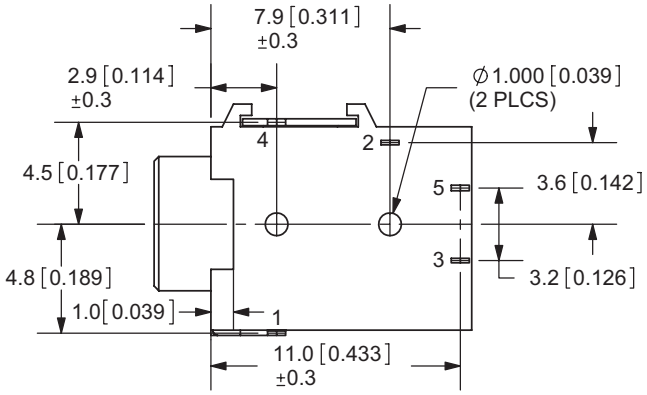


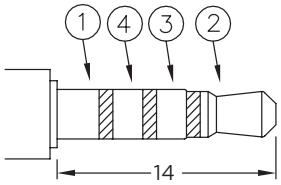




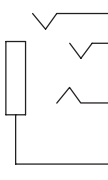
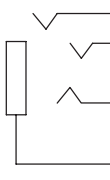
PCB LAYOUT
TOP VIEW

NOTE: Tolerance for PCB Layout is ± 0.05mm





Ø 3.5 MATING PLUG

Model No.	SJ-43514	SJ-43515TS
Schematic		
PIN		
1	sleeve	sleeve
2	tip	tip
3	ring 1	ring 1
4	ring 2	ring 2
5	NP	tip switch

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REVISION HISTORY

rev.	description	date
1.0	initial release	05/01/2006
1.01	new template applied	02/21/2012
1.02	pin numbering changed	03/09/2012
1.03	added notch to pcb layout	04/05/2012
1.04	updated drawing	06/05/2012
1.05	brand update	01/31/2020
1.06	CUI Devices rebranded to Same Sky	09/12/2024

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

same sky

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