

date 08/24/2022

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SERIES: SJ-352X-SMT | DESCRIPTION: AUDIO JACK

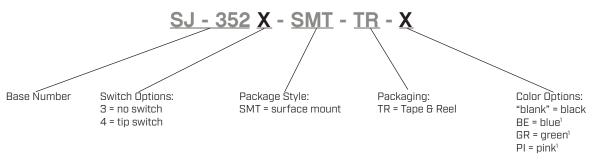
FEATURES

- · low profile design
- switch options inclue:
 - -no switch
 - -tip switch





PART NUMBER KEY

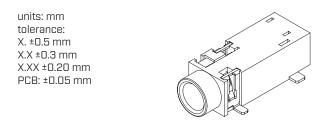


Note: 1. Tip switch option only

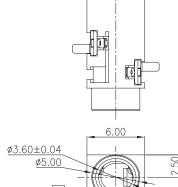
SPECIFICATIONS

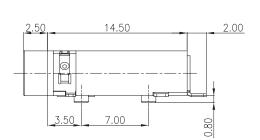
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	А
contact resistance				50	mΩ
insulation resistance	at 500 Vdc	100			ΜΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

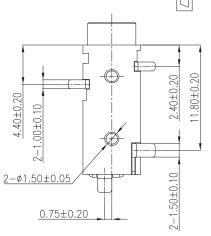
MECHANICAL DRAWING



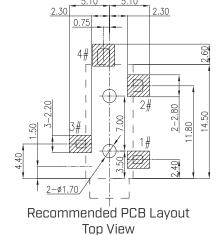
DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	copper alloy	silver
terminal 2	copper alloy	silver
terminal 3	copper alloy	silver
terminal 4	copper alloy	silver
housing	PA10T (UL94V-0)	see part number key







9.00±0.30



1 3 2 1 14 Ø3.5 MATING PLUG

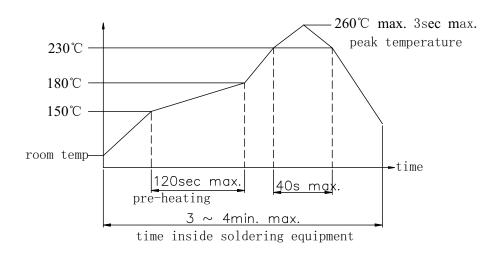
0.10 ±0.07 X

> Model No. SJ-3523-SMT SJ-3524-SMT ∘3 Schematic PIN 1 sleeve sleeve 2 tip tip ring 3 ring 4 NΡ tip switch

SOLDERABILITY

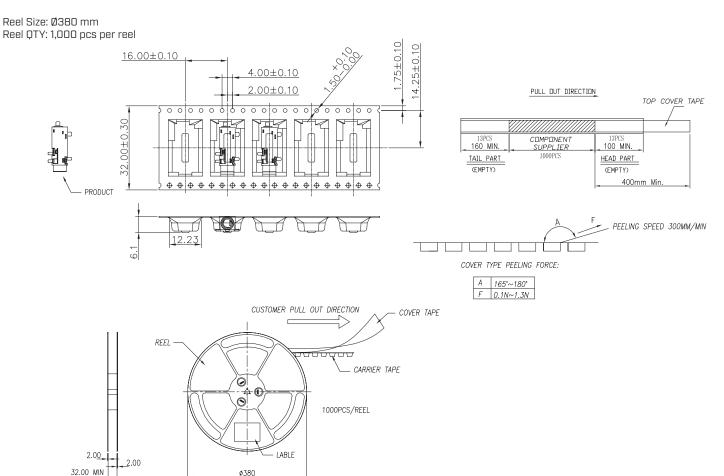
parameter	conditions/description	min	typ	max	units
reel storage	-5~35°C, 25~80% humidity reel opened: use within 1 month reel unopened: use within 6 months				
reflow soldering	see reflow profile			260	°C

Note: 1. CUI Devices recommends usage of the product within 2 hours after T&R is opened. After 6 hours, CUI Devices recommends drying the parts prior to use.



PACKAGING

units: mm



REVISION HISTORY

rev.	description	date	
1.0	initial release	02/07/2006	
1.01	new remplate applied	01/25/2012	
1.02	added TR package and color options	11/01/2012	
1.03	added storage and drying conditions, and tape and reel packaging details	02/15/2018	
1.04	brand update	10/09/2019	
1.05	updated datasheet	08/24/2022	

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



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

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CUI Devices products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.