CUI DEVICES

date 01/31/2020

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SERIES: SJ-358XNG | DESCRIPTION: AUDIO JACK

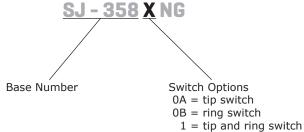
FEATURES

- low profile design
- switch options include:
- no switch
- tip switch
- ring switch
- tip and ring switch
- w/isolated DPDT switch
- plastic bushing
- w/kinked pins





PART NUMBER KEY



9A = no switch

9B = tip switch (no ring)

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*			50 30	$m\Omega$
insulation resistance	at 500 Vdc	100			МΩ
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
RoHS	yes				

SOLDERABILITY

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

Notes:

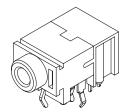
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5±0.5 seconds at	255	260	265	°C

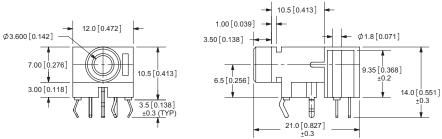
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MECHANICAL DRAWING

units: mm[inches] TOLERANCE:

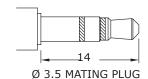






	20.0
5.0 [0.197] 3.0 [0.118]	10.0 [0.394] (5 PLCS) (3 PLCS) (3 PLCS) (4 PLCS)
\$\psi_{1.00}^{\text{1.00}} \begin{picture}(0.0394) \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	10 ms 5 8 5.0 [0.197] 10.0 [0.394] (3 PLCS) (3 PLCS) (3 PLCS) (3 PLCS) (3 PLCS) (12.5 [0.492] 12.5 [0.492]
TOP VIEW	(3 PLCS)

	MATERIAL	PLATING
terminal 1	brass	tin
terminal 2	copper alloy	tin
terminal 3	copper alloy	tin
terminal 4	brass	silver
terminal 5	brass	silver
terminal 6	brass	silver
terminal 7	brass	silver
terminal 8	brass	silver
terminal 9	brass	silver
terminal 10	brass	tin
terminal 11	brass	tin
spring	stainless steel	
contact clip	C5210R-EH	silver
insulator	PA66	·
plastic	PBT	



Model No.	SJ-3580ANG	SJ-3580BNG	SJ-3581NG	SJ-3589ANG	SJ-3589BNG	
	0 1 0 3 0 10 0 10 0 2	0 1 0 3 0 11 0 11	0 1 0 3 0 11 0 10 0 2	○ 1 ○ 3 ○ 2	o10	
Schematic	Plug	Plug	Plug	Plug	Plug	
	Plug O D D D D D D D D D	Plug 0 5 0 8 Inserted 0 6 0 9	Plug 0 5 0 8 Inserted 0 6 0 9	Plug O 1 1 1 1 1 1 1 1 1	Plug 0 5 0 8	
Pin						
1	sleeve	sleeve	sleeve	sleeve	sleeve	
2	tip	tip	tip	tip tip		
3	ring	ring	ring	ring	NP	
10	tip switch	NP	tip switch	NP	tip switch	
11	NP	ring switch	ring switch	NP	NP	

REVISION HISTORY

rev.	description	date		
1.0	initial release	09/13/2006		
1.01	new template applied	01/27/2012		
1.02	brand update	01/31/2020		

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

CUI DEVICES

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

CUI Devices reserves the right to make changes to the product at any time without notice. Information provided by CUI Devices is believed to be accurate and reliable. However, no responsibility is assumed by CUI Devices for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

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