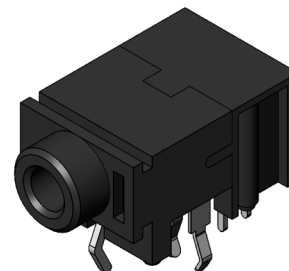
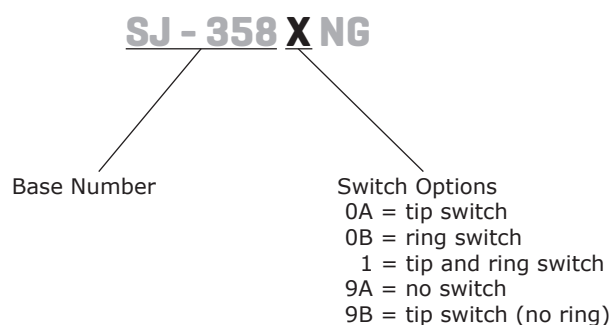


**SERIES:** SJ-358XNG    **DESCRIPTION:** 3.5 MM AUDIO JACKS

**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**

**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			50	mΩ
	between terminal in a closed circuit*			30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
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:    \*When measured at a current of less than 100 mA / 1 kHz

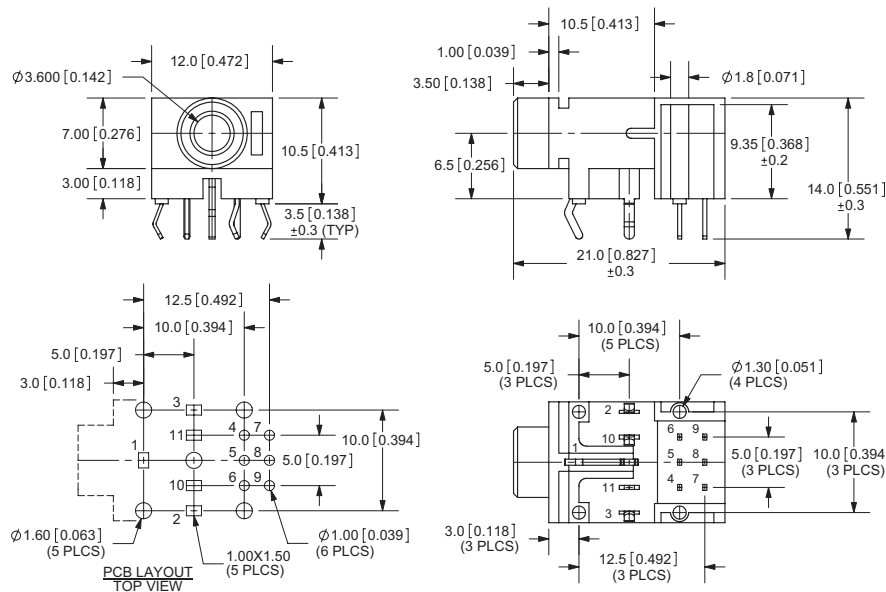
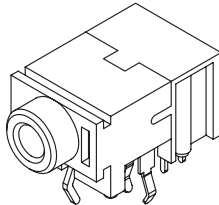
**SOLDERABILITY**

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

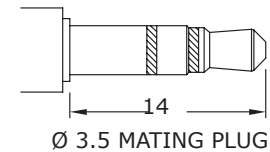
## MECHANICAL DRAWING

units: mm[inches]

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



	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
Schematic					
	Plug Not Inserted	Plug Not Inserted	Plug Not Inserted	Plug Not Inserted	Plug Not Inserted
	Plug Inserted	Plug Inserted	Plug Inserted	Plug Inserted	Plug Inserted
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

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



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

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