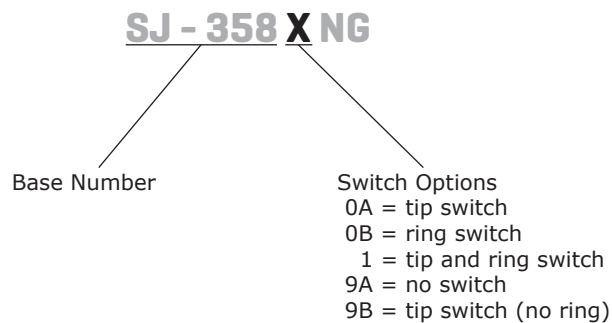


**SERIES:** SJ-358XNG | **DESCRIPTION:** AUDIO JACK**FEATURES**

- 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****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<br>between terminal in a closed circuit* |     |       | 50<br>30 | mΩ<br>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       |
| 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    |

Ø 3.5 MATING PLUG

|              | 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             |         |

## 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.

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