



## *ST-314/ST-315 Series PCB Mount 3.5mm Jack Slim Design with Switch*

### Features

**Audio Jack** 



- Audio Applications for Computers and Multimedia
- Can be Used to Activate Speakers, an Equalizer or to Configure the Audio Signal
- Up to One Double-Pole Single-Throw Switch
- Spring Loaded Contacts for High Contact Reliability
- Narrow Body Uses Minimal Board Space
- CSA/NRTL Certified File No. LR78160

#### **Performance Specifications** Materials and Finish



Housing: PBT Thermoplastic, Black Color, UL94V-0 Rated Cover: PBT Thermoplastic, UL94V-0 Rated Bushing: Brass, Nickel Plated Terminals and Contacts: Phosphor Bronze, Tin Plated Coil Springs: Spring Steel

#### **Mechanical Characteristics**

Insertion Force 0.4kg - 3.0kg Extraction Force 0.3kg - 3.0kg Durability 5000 Mating Cycles

## **AUDIO JACKS**

ST-314 / ST-315 Series

#### **Electrical Characteristics**

Contact Rating DC 16V at 0.3 Amps

#### **Contact Resistance**

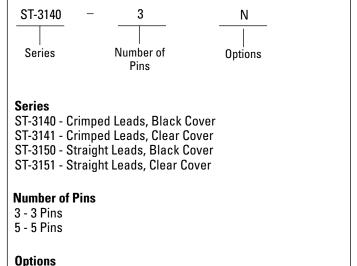
Before Durability Test To Terminals: 30 Milliohms Max. To Sleeve: 50 Milliohms Max. After Durability Test with Mating Plug To Terminals: 60 Milliohms Max. To Sleeve: 100 Milliohms Max.

Insulation Resistance 100 Megohms Min. at 500V DC

Dielectric Strength 500V AC for 1 Minute

**Temperature Rating** Operating Temperature: -25°C to +80°C

#### **Ordering Information**



C - Threaded Barrel N - Non-Threaded Barrel CM - Threaded Barrel, Mono NM - Non-Threaded Barrel, Mono

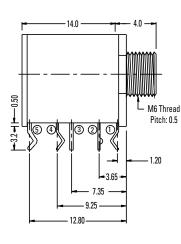


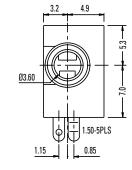
# ST-314 and ST-315 Series Dimensions

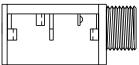
# ST-3140 (Black Side Cover)

ST-3141 (Clear Side Cover)

Crimped Leads (shown with Threaded Bushing)

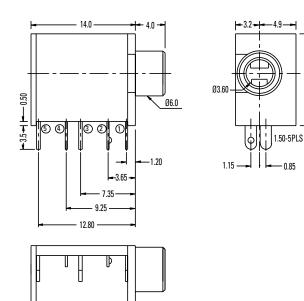






#### ST-3150 (Black Side Cover) ST-3151 (Clear Side Cover)

Straight Leads (shown with Non-Threaded Bushing)



**AUDIO JACKS** 

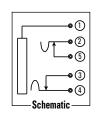
ST-314 / ST-315 Series

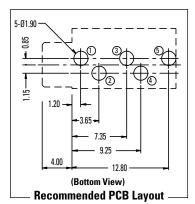
#### **ST-314 and ST-315 Series Dimensions** Dimensions in mm

-5C and -5N Options

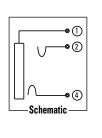
5 Pins

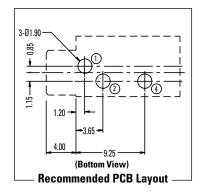
One Double-Pole, Single-Throw Switch





<sup>-3</sup>C and -3N Options 3 Pins Audio Jack





### -3CM and -3NM Options

3 Pins, Mono One Single-Pole, Single-Throw Switch

