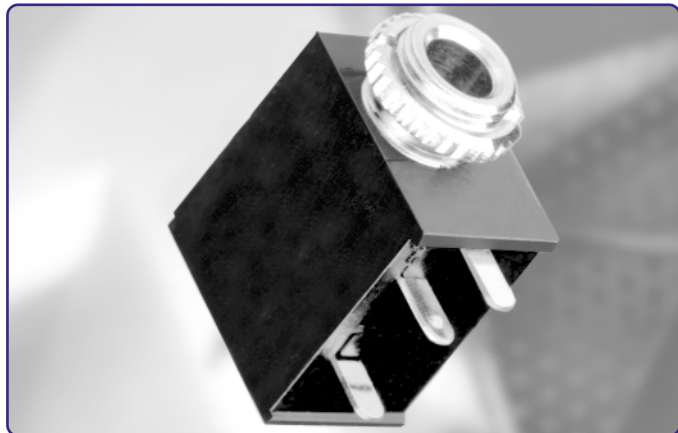




## **ST-314/ST-315 Series PCB Mount 3.5mm Jack Slim Design with Switch**

### **Features**



- 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**

##### **Audio Jack**



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**

|         |   |                |         |
|---------|---|----------------|---------|
| ST-3140 | — | 3              | N       |
| Series  |   | Number of Pins | Options |

#### **Series**

ST-3140 - Crimped Leads, Black Cover

ST-3141 - Crimped Leads, Clear Cover

ST-3150 - Straight Leads, Black Cover

ST-3151 - Straight Leads, Clear Cover

#### **Number of Pins**

3 - 3 Pins

5 - 5 Pins

#### **Options**

C - Threaded Barrel

N - Non-Threaded Barrel

CM - Threaded Barrel, Mono

NM - Non-Threaded Barrel, Mono

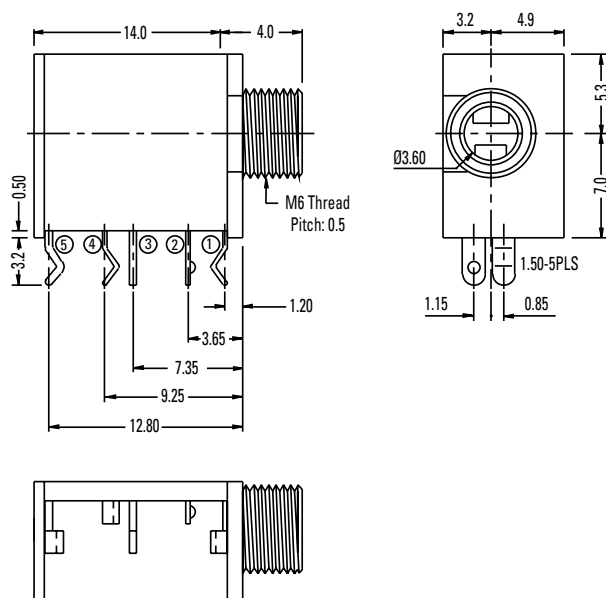
## ST-314 and ST-315 Series Dimensions

Dimensions in mm

### ST-3140 (Black Side Cover)

### ST-3141 (Clear Side Cover)

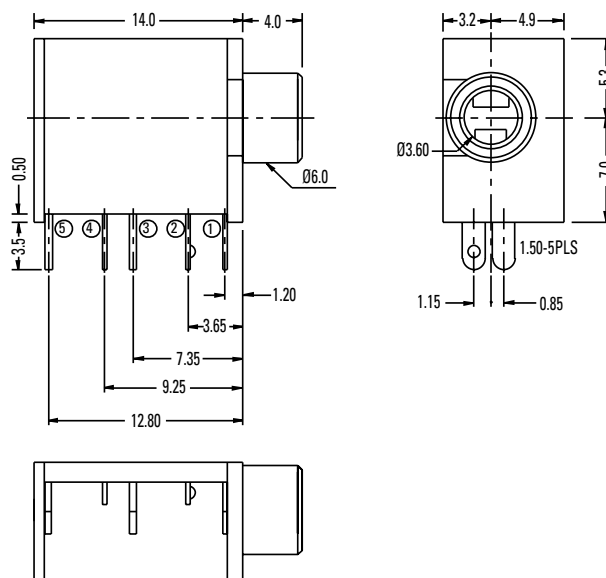
Crimped Leads (shown with Threaded Bushing)



### ST-3150 (Black Side Cover)

### ST-3151 (Clear Side Cover)

Straight Leads (shown with Non-Threaded Bushing)



## AUDIO JACKS

## ST-314 / ST-315 Series

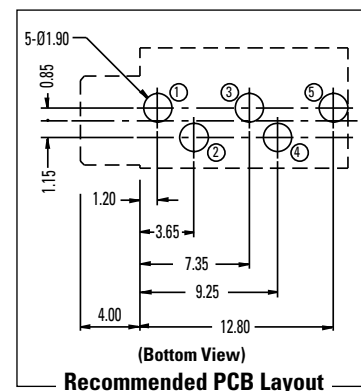
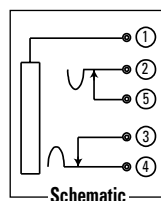
## ST-314 and ST-315 Series Dimensions

Dimensions in mm

### -5C and -5N Options

5 Pins

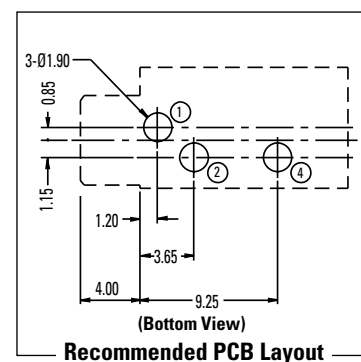
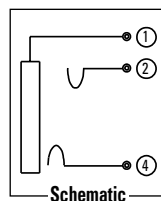
One Double-Pole, Single-Throw Switch



### -3C and -3N Options

3 Pins

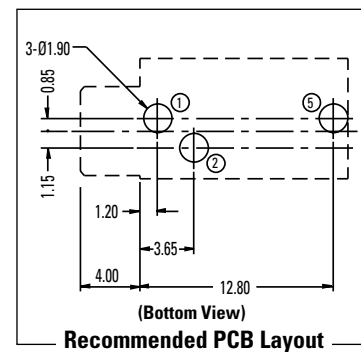
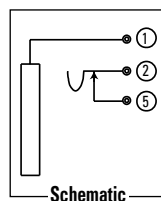
Audio Jack



### -3CM and -3NM Options

3 Pins, Mono

One Single-Pole, Single-Throw Switch



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