



## AUDIO JACKS: STX-3120 Series

### 3.5mm Audio Jack All Plastic PCB Mount

#### Product Features

Audio Applications for Computers and Multimedia  
Can Be Used To Activate Speakers, an Equalizer or to  
Configure the Audio Signal  
Available with One Double-Pole Single-Throw Switch  
CSA/NRTL Certified File No. LR78160

#### Performance Specifications

##### Materials and Finish

##### Housing

PBT Thermoplastic 15% Glass Filled, Black Color,  
UL 94V-0 Rated

##### Terminals

Pin 1, 3, 4: Brass, Matte Tin Plated  
Pin 2, 5: Phosphor Bronze, Matte Tin Plated

#### Mechanical Characteristics

##### Insertion Force

0.4kg - 3.0kg

##### Extraction Force

0.3kg - 3.0kg

##### Durability

5000 Mating Cycles

#### Electrical Characteristics

##### Contact Resistance

##### Before Durability Test

50 milliohms Max.

##### After Durability Test

100 milliohms Max.

##### Insulation Resistance

More than 100 Megohms at 500V DC

##### Dielectric Withstanding Voltage

500V AC RMS for 1 Minute

##### Operating Temperature

-25°C to + 85°C

|                       |                     |                      |                  |
|-----------------------|---------------------|----------------------|------------------|
| 2D Drawing            | IGES                | STEP                 | 3D PDF           |
| Solder Profile        | CofC RoHS Compliant | CofC REACH Compliant | UL Plastic File  |
| Certificate of Origin | Check Stock         | Request a Sample     | Send Us An Email |

#### Generated Part Number

#### Part Number Builder

|                      |   |                      |                      |                      |
|----------------------|---|----------------------|----------------------|----------------------|
| <input type="text"/> | - | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Series               |   | Number of Pins       | Back Plate Option    | PC99 Color Option    |

#### Series

STX-3120 - 3.5mm Audio Jack All Plastic PCB Mount

#### Number of Pins

3 - Pins

5 - Pins

#### Back Plate Option

B - With Back Plate

#### PC99 Color Option

Blank - Black ( Standard )

157C - Orange

284C - Blue

577C - Lime

701C - Pink

Contact Kycon for other options

#### STX-3120 Series

Dimensions in mm

