



## AUDIO JACKS: STX-4235 Series

### Stacked 3.5mm Audio Jack

#### Product Features

Audio Applications for Computers and Multimedia  
Can Be Used To Activate Speakers, an Equalizer or to  
Configure the Audio Signal  
Stacked Design Saves on Horizontal Board Space  
Multiple Switching Options Available  
CSA/NRTL Certified File No. LR78160

#### Performance Specifications

##### Materials and Finish

##### Housing

PA46 Thermoplastic, 15% Glass Filled,  
Color: Black

**Terminals:** Phosphor Bronze, Tin Plated

#### Mechanical Characteristics

##### Insertion Force

0.4kg - 3.0kg

##### Extraction Force

0.4kg - 3.0kg

**Durability:** 5000 Mating Cycles

#### Electrical Characteristics

##### Contract Resistance

##### Before Durability Test

50 milliohms Max.

##### After Durability Test

100 milliohms Max.

##### Insulation Resistance

More than 100 Megohm at 500V DC

##### Dielectric Strength

500V AC RMS for 1 Minute

##### Operating Temperature

-25°C to + 85°C

##### Voltage Rating:

16 Volts DC

##### Current Rating: 0.3 A

##### Max Process Temp:

With Jack mounted on PCB,  
Terminals immersed in solder bath at  
260±5°C for 10±1 sec.

|                       |                     |                      |                  |
|-----------------------|---------------------|----------------------|------------------|
| 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"/> |
| Series               |   | Configuration        | Threading Option     |

#### Series

**STX-4235** - Stacked 3.5mm Audio Jack over 3.5mm Audio Jack

#### Configuration

**3/3** - 3 Pins over 3 Pins

**3/5** - 3 Pins over 5 Pins

#### Threading Option

**N** - Non-Threaded Barrel

Contact Kycon for other options

#### STX-4235 Series

Dimensions in mm

#### STX-4235-3/3-N

