



## Audio Jacks: STX-2550 Series

### Surface Mount 2.5mm Audio Jack

#### Product Features

Audio Applications for Computers and Multimedia  
Surface Mount Design  
CSA/NRTL Certified File No. LR78160

#### Performance Specifications

##### Materials and Finish

###### Housing

High Temperature Thermoplastic, Black Color,  
UL94V-0 Rated

###### Terminals

Copper Alloy, Gold Flash over Nickel Underplate

#### Mechanical Characteristics

##### Insertion Force

0.4kg - 2.0kg

##### Extraction Force

0.3kg - 2.0kg

**Durability** 5000 Mating Cycles

#### Electrical Characteristics

##### Contact Resistance

###### Before Durability Test

30 milliohms Max.

###### After Durability Test

60 milliohms Max.

##### Insulation Resistance

100 Megohms Min. at 250V DC

##### Dielectric Withstanding Voltage

250V AC 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       | Threading Option     | Packaging            |

#### Series

**STX-2550** - 2.5mm Surface Mount Audio Jack

#### Number of Pins

3 Pins

4 Pins

5 Pins

#### Threading Option

**N** - Non-Threaded Barred

#### Packaging

**TR** - Tape and Reel

Contact Kycon for other options

#### STX-2550

Dimensions in mm

