



**STX-3100 Series**  
**PCB Mount 3.5mm Audio Jack**

**Features**

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



**Performance Specifications**

**Materials and Finish**

**Housing**

PBT Thermoplastic, Black Color UL94V-0 Rated

**Bushing**

Brass, Nickel Plated

**Mechanical Characteristics**

**Insertion Force**

0.4kg - 2.0 kg

**Extraction Force**

0.3kg - 2.0kg

**Durability**

5000 Mating Cycles

**Electrical Characteristics**

**Contact Rating**

16V DC at 0.3 A

**Contact Resistance**

Before Durability Test

**To Terminals**

30 milliohms Max.

**To Sleeve**

50 milliohms Max.

**After Durability Test**

**To Terminals**

60 milliohms Max.

**To Sleeve**

100 milliohms Max.

**Insulation Resistance**

100 Megohms Min. at 250V DC

**Dielectric Strength**

250V AC RMS for 1 Minute

**Operating Temperature**

-25°C to +85°C



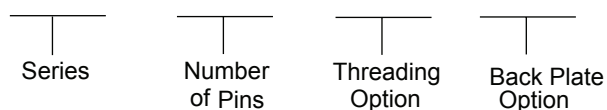
**AUDIO JACKS**

**STX-3100 Series**

**Documentation & Ordering Information**


**Kycon Part #**

**Part Number Builder**



**Series**

STX- 3100 - 3.5mm Audio Jacks

**Number of Pins**

- 3 Pin - Audio Jack, No Switch
- 5 Pin - One Double-Pole Single-Throw Switch
- 9 Pin - One Double-Pole Double-Throw Switch
- 11 Pin - One Double-Pole Single-Throw Switch/  
One Double-Pole Double-Throw Switch

**Threading Option**

- C - Threaded
- N - Non Threaded

**Back Plate Option**

- Blank - No Back Plate
- B - With Back Plate (Available only with 3 & 5 Pin Option)

Contact Kycon for other options

**STX-3100-3C Dimensions**

Dimensions in mm

