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

| Series | – | Number of Pins | Threading Option | Back Plate Option |

CSA C US
LR78160

AUDIO JACKS: STX-3100 Series
PCB Mount 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
Available with Up to One Double-Pole Single-Throw Switch & 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
Terminals
Pin #1: Brass, Nickel Plated
Pin #5 and Pin #2: Phosphor Bronze, Matte Tin Plated
Pin #3 and Pin #4: Brass, Matte Tin Plated
Slide Switch Terminals: Brass, Silver Plated

Mechanical Characteristics

Insertion Force
0.3kg - 3.0kg
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
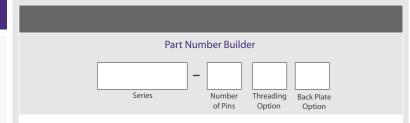**Dielectric Withstanding Voltage**
250V AC RMS for 1 Minute
Operating Temperature
-25°C to + 85°C

Series
STX-3100 - 3.5mm Audio Jack

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

Threading Option
C - Threaded Barred
N - Non-Threaded Barred

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

Contact Kycon for other options

STX-3100-3C
Dimensions in mm