



Recommended PCB Layout
(Bottom View)

Materials and Finish

Housing: High Temperature Thermoplastic, 15% Glass Filled Light Green (Pantone 577C) Color UL 94V-0 Rated

Terminals:

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

Electrical Characteristics

Contact Resistance:
Before Test: 50 milliohms Max.
After Durability Test: 100 milliohms Max.

Insulation Resistance:
More than 100 Megohms at 500V DC

Dielectric Strength:
500V AC RMS for 1 minute

Operating Temp:
-25°C to +85°C

Mechanical Characteristics

Insertion Force:
0.4kg - 3.0kg

Extraction Force:
0.3kg - 3.0kg

Durability: 5000 mating cycles



| Tolerances | |
|---------------|-----------|
| X.X ± 0.3 | |
| X.XX ± 0.15 | |
| Unless Stated | Otherwise |

| REV. | DATE | DESCRIPTION | REV. BY | CHK. BY | DRAWN BY | DATE |
|------|----------|-----------------|------------|---------|------------|----------|
| A0 | 9/22/05 | New Drawing | R. Aguirre | H. MA | R. Aguirre | 07/14/05 |
| A1 | 6/2/06 | Release Drawing | H. MA | N/A | | |
| B1 | 08/12/09 | ECO #09-039 | S. Vien | H. MA | | UNITS |
| B2 | 11/10/10 | ECO #10-078 | S. Vien | H. MA | | |
| B3 | 05/25/11 | ECO #11-036 | S. Vien | H. MA | | |
| B4 | 04/28/15 | ECO #15-023 | W. Cook | H. MA | | |

STX-3120-3B-577C

Stereo Jack, 3 Position, RoHS Compliant

Meets PC99 spec, Light Green Color

