



Recommended PCB Layout  
(Bottom View)

**Materials and Finish**  
 Housing: PBT Thermoplastic  
 15% Glass Filled, Black Color,  
 UL 94V-0 Rated

**Terminals:**  
 Pin # 2R, 5T: Phosphor Bronze,  
 Matte Tin Plated  
 Pin # 1S: Copper Alloy, Nickel 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 Withstanding Voltage:**  
 500V AC RMS for 1 minute

**Operating Temp:**  
 -25°C to +100°C

**Mechanical Characteristics**

**Insertion Force:**  
 0.4kg - 3.0kg

**Extraction Force:**  
 0.3kg - 3.0kg

**Durability:** 5000 mating cycles

**RoHS COMPLIANT**  
 EU Directive 2002/95/EC

**US**  
 LR78160

**Tolerances**  
 X.X ± 0.3  
 X.XX ± 0.15  
 Unless Stated  
 Otherwise

| REV. | DATE     | DESCRIPTION     | REV. BY     | CHK. BY | DRAWN BY   | DATE     |
|------|----------|-----------------|-------------|---------|------------|----------|
| A0   | 9/28/05  | New Drawing     | R. Aguirre  | H. MA   | R. Aguirre | 07/14/05 |
| A1   | 6/7/06   | Release Drawing | H. MA       | N/A     |            |          |
| A2   | 06/02/08 | Add Nut Info.   | S. Vjen     | H. MA   |            |          |
| B2   | 10/18/10 | ECO #10-369     | P. DalCanto | H. MA   |            |          |
| B3   | 5/2/11   | ECO #11-027     | P. DalCanto | H. MA   |            |          |

**STX-3200-3CB**

High Profile Stereo Jack, 3 pos., RoHS Compliant  
 Metal Bushing, Threaded Barrel, Backplate

