

Recommended PCB Layout  
(Bottom View)

**Materials and Finish**

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

Terminals: Copper Alloy  
Matte Tin Plating

Barrel: Brass, Nickel Plated

**Electrical Characteristics**

Rated Voltage:  
DC 24 V

Rated Current:  
3.0 A

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:  
-40°C to +105°C

**Mechanical Characteristics**

Insertion Force:  
0.3kg - 3.0kg

Extraction Force:  
0.3kg - 3.0kg

Durability:  
5000 Mating Cycles Min.

Tolerances

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

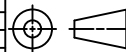
**RoHS COMPLIANT**

| REV. | DATE     | DESCRIPTION     | REV. BY     | CHK. BY   | DRAWN BY   | DATE     |
|------|----------|-----------------|-------------|-----------|------------|----------|
| A1   | 6/2/06   | Release Drawing | H. MA       | N/A       | R. Aguirre | 07/11/05 |
| A2   | 6/2/08   | Add Nut Info.   | S. Vien     | H. MA     |            |          |
| B1   | 08/04/09 | ECO #09-045     | S. Vien     | H. MA     |            |          |
| B2   | 07/27/11 | ECO #11-049     | S. Vien     | H. MA     |            |          |
| B3   | 08/14/18 | Update Address  | D. Shehan   | N/A       |            |          |
| B4   | 04/22/19 | ECO #19-035     | C. Kelleher | D. Shehan |            |          |

**STX-3081-3C**

Low Profile Stereo Jack, RoHS Compliant

3 Position, Metal Bushing, Threaded Barrel



UNITS  
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