

**Materials and Finish**

Housing: High Temperature Thermoplastic, UL 94V-0 Rated, Black Color

Contact Material:

Copper Alloy, Silver Plating  
all over Nickel Underplating

**Electrical Characteristics**

Rated Voltage: 16 V DC

Rated Current: 0.3A

Insulation Resistance:  
100 Megohms at 500V DC

Contact Resistance:  
50 milliohms Max.

Dielectric Withstanding Voltage:  
500V AC RMS for 1 Minute

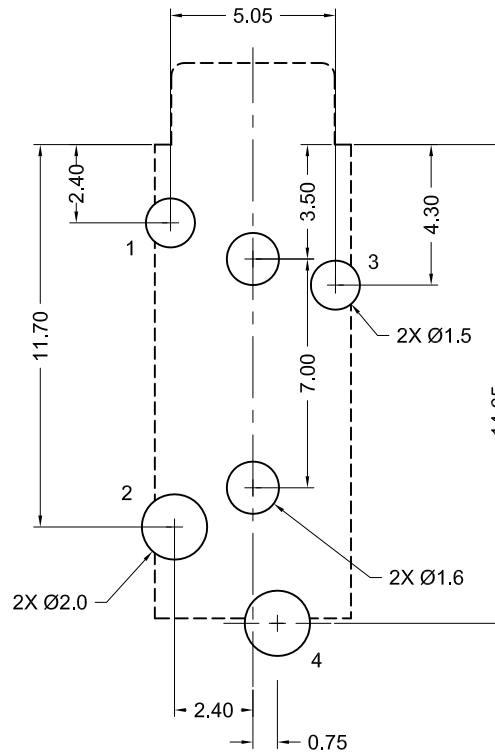
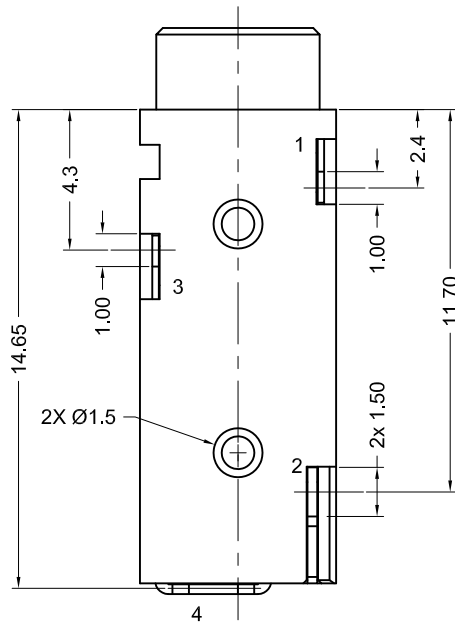
**Mechanical Characteristics**

Insertion Force: 3.0kg Max.

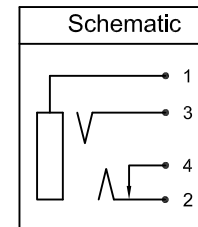
Withdrawal Force: 0.2kg Min.

Durability: 5000 Mating Cycles Min.

Operating Temperature:  
-25°C to +85°C



Recommended PCB Layout  
(Top View)



**Tolerances**

X.X ± 0.35  
X.XX ± 0.25  
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   | 07/11/06 | Release Drawing | R. Aguirre | H. MA       |            |          |
| A2   | 01/17/11 | ECO #10-102     | S. Vien    | H. MA       |            |          |
| A3   | 09/21/12 | ECO #12-053     | S. Vien    | P. DalCanto |            |          |
| A4   | 07/16/15 | ECO #15-034     | H. MA      | W. Cook     |            |          |

**STX-3501-4N**

3.5mm Stereo Jack, 4 Position, RoHS Compliant

All Plastic Body, Right Angle, Thru Hole

