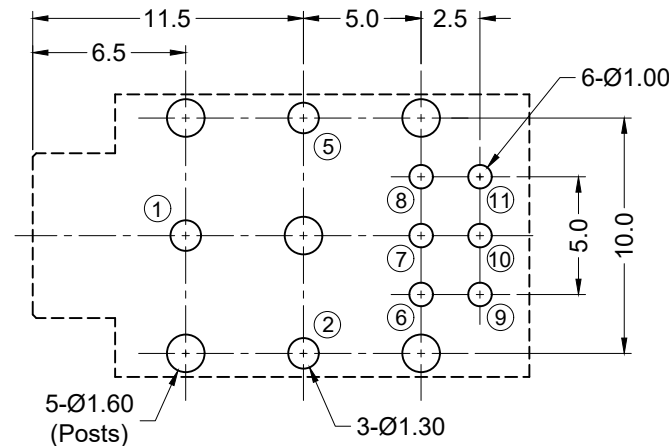
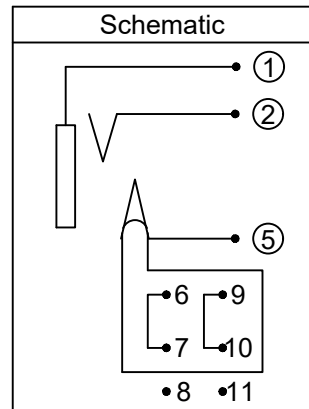
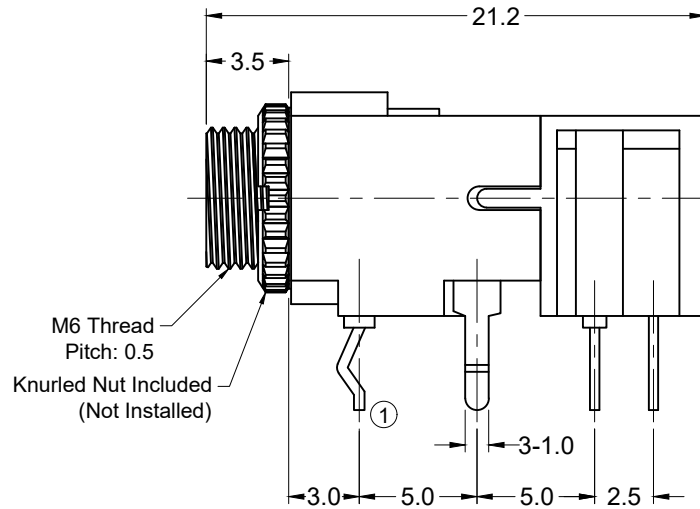
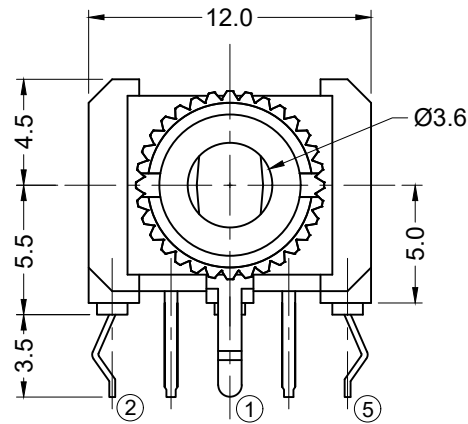




Recommended PCB Layout  
(Bottom View)

## Materials and Finish

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

## Terminals:

Pin #1: Brass, Nickel Plated  
Pin #5 & Pin #2:  
Phosphor Bronze, Matte Tin Plated  
Slide Switch Terminals:  
Brass, Silver Plated

Bushing: Brass, Nickel Plated

## Electrical Characteristics

Rated Voltage: DC 24 V

Rated Current: 3.0 A

## Contact Resistance:

Before Test: 50mohms Max.  
After Durability Test: 100 mohms 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: 0.3kg - 3.0kg

Extraction Force: 0.3kg - 3.0kg

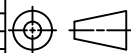
Durability: 5000 Mating Cycles Min.

**RoHS COMPLIANT**

## Tolerances

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

| REV. | DATE     | DESCRIPTION | REV. BY     | CHK. BY     | DRAWN BY   | DATE     |
|------|----------|-------------|-------------|-------------|------------|----------|
| A1   | 9/6/05   | New Drawing | R. Aguirre  | H. MA       | R. Aguirre | 07/13/05 |
| B1   | 03/23/10 | ECO #10-008 | S. Vien     | H. MA       |            |          |
| B2   | 07/14/11 | ECO #11-033 | S. Vien     | P. DalCanto |            |          |
| B3   | 06/04/13 | ECO #13-028 | W. Cook     | P. DalCanto |            |          |
| B4   | 04/12/18 | ECO #18-017 | J. Elbanna  | C. Kelleher |            |          |
| B5   | 04/19/19 | ECO #19-035 | C. Kelleher | D. Shehan   |            |          |



**STX-3100-9C**

Stereo Jack, for Ø3.5mm Plugs, RoHS Compliant

W/Double Throw, Double Pole Switch, Threaded Barrel

