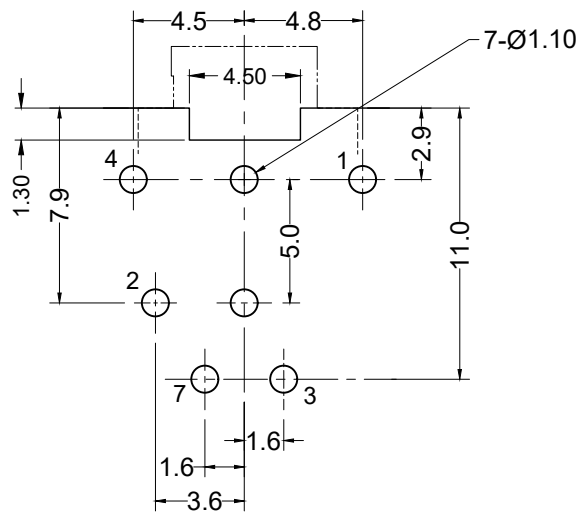
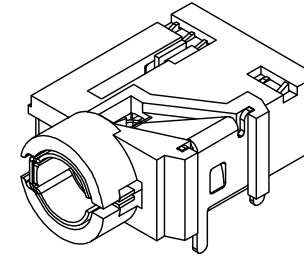
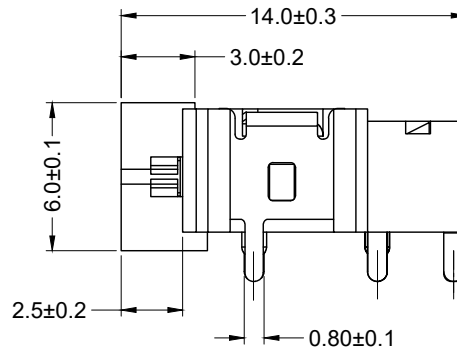
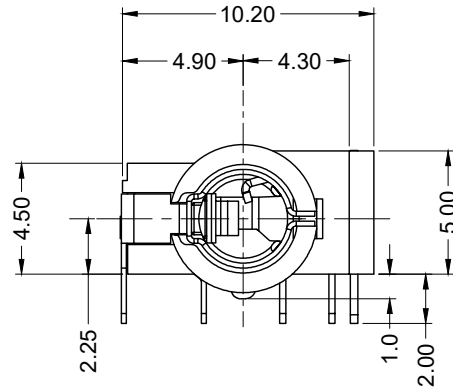
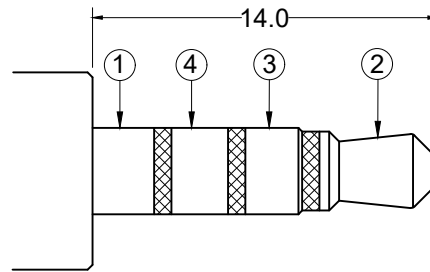
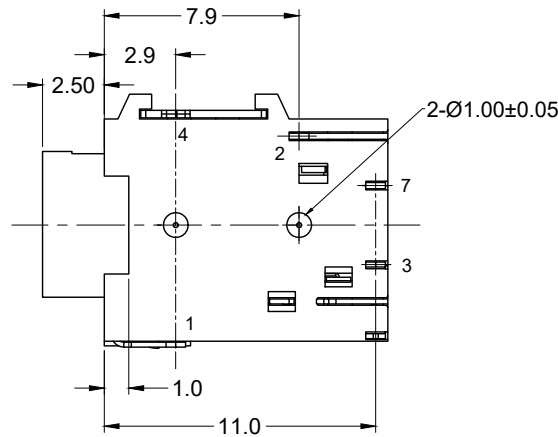




Recommended PCB Layout  
(Top View)



Ø3.5 MATE PLUG

|           |              |              |
|-----------|--------------|--------------|
| SCHEMATIC |              |              |
| MODEL NO. | STX-35061-3T | STX-35061-4T |

## Materials and Finish

Housing: High Temp Thermoplastic  
Color: Black

Contact Material:

Pin #2, 3, 4, 7 :  
Copper Alloy, Tin Plated

Pin #1: Copper Alloy, Gold Flash

## Electrical Characteristics

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: 0.4kgf - 3.0kgf

Withdrawal Force: 0.4kgf - 3.0kgf

Durability: 5000 Mating Cycles Min.

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

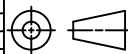
RoHS COMPLIANT



## Tolerances

X.X ± 0.35  
X.XX ± 0.25  
Unless Stated  
Otherwise

| REV. | DATE       | DESCRIPTION     | REV. BY    | CHK. BY     | DRAWN BY   | DATE       |
|------|------------|-----------------|------------|-------------|------------|------------|
| A0   | 11/30/2016 | New Drawing     | G. Serrato | W. Cook     | G. Serrato | 11/30/2016 |
| A1   | 04/05/2017 | Release Drawing | J. Elbanna | C. Kelleher |            |            |
| A2   | 02/08/2018 | Update Drawing  | J. Elbanna | C. Kelleher |            |            |
| B1   | 05/03/2019 | ECO #19-041     | H. MA      | D. Shehan   |            |            |



STX-35061-xT

3.5 mm Audio Jack, 4 Pole

Through Hole, RoHS Compliant

