



Recommended PCB Layout
(Bottom View)

Materials and Finish

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

Terminals:

Pin 1, 4: Brass, Matte Tin Plated
Pin 5: Phosphor Bronze
Matte Tin 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 Strength:
500V AC RMS for 1 minute

Operating Temp:
-25°C to +85°C

Mechanical Characteristics

Insertion Force:
0.4kg - 3.0kg

Extraction Force:
0.3kg - 3.0kg

Durability: 5000 mating cycles



| Tolerances |
|----------------------------|
| X.X ± 0.3 |
| X.XX ± 0.15 |
| Unless Stated Otherwise |

| REV. | DATE | DESCRIPTION | REV. BY | CHK. BY | DRAWN BY | DATE |
|------|----------|-------------|---------|-------------|----------|---------|
| A1 | 05/11/05 | New Drawing | H. MA | C. Furumasu | H. MA | 5/11/06 |
| B1 | 08/12/09 | ECO #09-039 | S. Vien | H. MA | | |
| B2 | 11/11/10 | ECO #10-078 | S. Vien | H. MA | | |
| B3 | 04/28/15 | ECO #15-023 | W. Cook | H. MA | | |

STX-3120-3BM

Stereo Jack, 3 Position, RoHS Compliant

Switch, Color Black

