

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

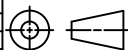


REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	02/10/06	New Drawing	R. Aguirre	H. MA	R. Aguirre	02/10/06
B1	08/04/09	ECO #09-045	S. Vien	H. MA		
B2	07/27/11	ECO #11-049	S. Vien	H. MA		
B3	08/14/18	Update Address	D.Shehan	N/A		
B4	04/22/19	ECO #19-035	C. Kelleher	D.Shehan		

**STX-3081-5N**

Low Profile Stereo Jack, RoHS Compliant

5 Position, Metal Bushing, Nonthreaded



UNITS  
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