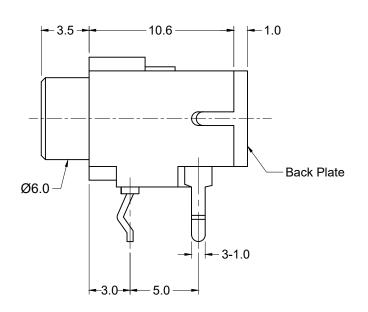
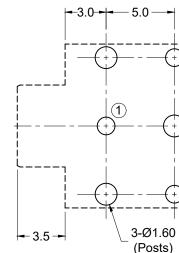


Schematic







## 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

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 A2	04/29/08 07/14/11	New Drawing ECO #11-033	S. Vien S. Vien	H. MA P. DalCanto	S. Vien	04/29/08
A3 A4	08/14/18 04/22/19	Update Address ECO #19-035	D.Shehan C. Kelleher	N/A D. Shehan	$\oplus$	UNITS
					$\Psi =$	mm

(2)

STX-3100-3NB

Thru-Hole 3.5mm Stereo Jack, RoHS Compliant

Non-Threaded Barrel, With Back Plate, 3 Pos., No Switch

5.0

5.0

3-Ø1.30

