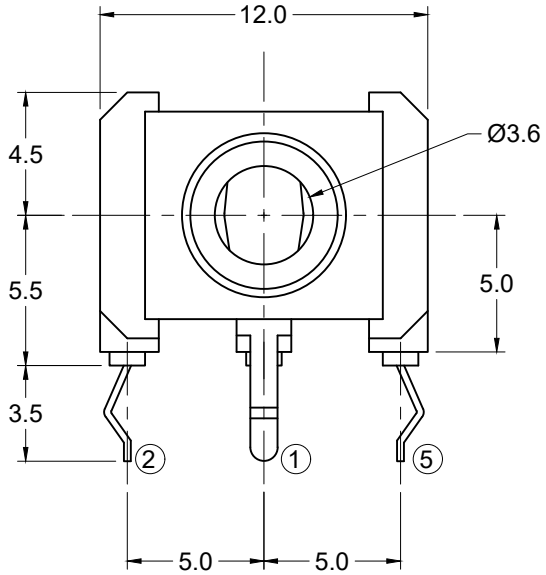
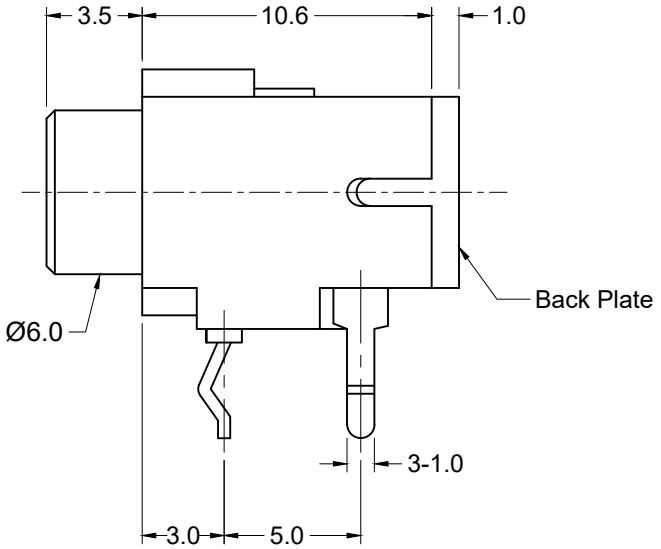
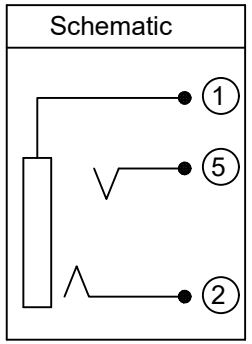
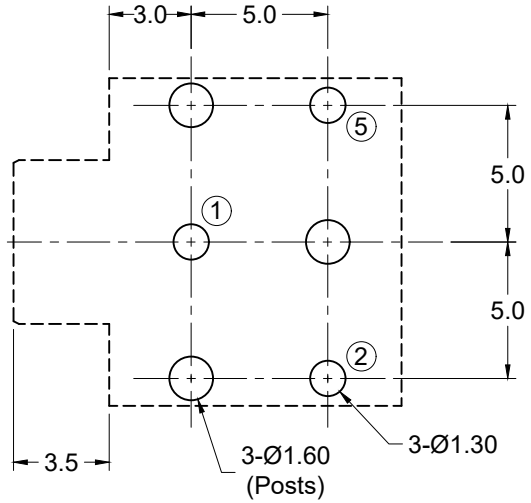
KYCON, Inc. 305 Digital Drive, Morgan Hill, CA 95037 (408)494-0330









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

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
A1	04/29/08	New Drawing	S. Vien	H. MA
A2	07/14/11	ECO #11-033	S. Vien	P. DalCanto
A3	08/14/18	Update Address	D.Shehan	N/A
A4	04/22/19	ECO #19-035	C. Kelleher	D. Shehan

DRAWN BY	DATE
S. Vien	04/29/08
	UNITS
	mm

STX-3100-3NB

Thru-Hole 3.5mm Stereo Jack, RoHS Compliant

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

KYCON