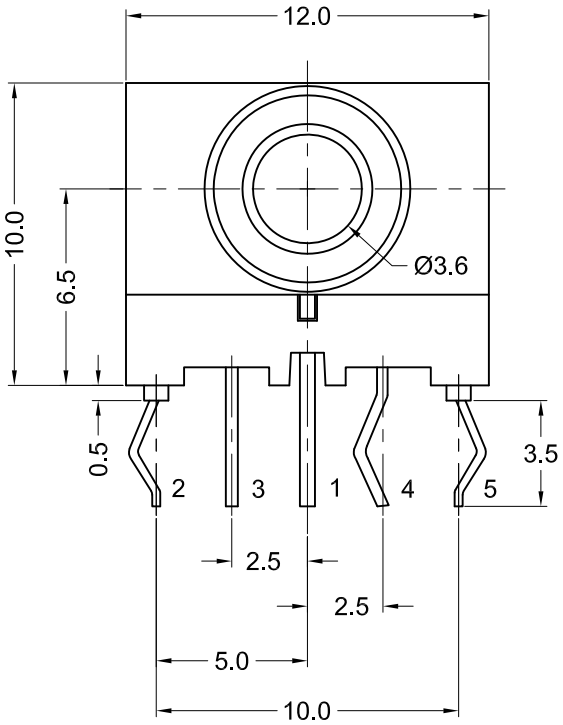
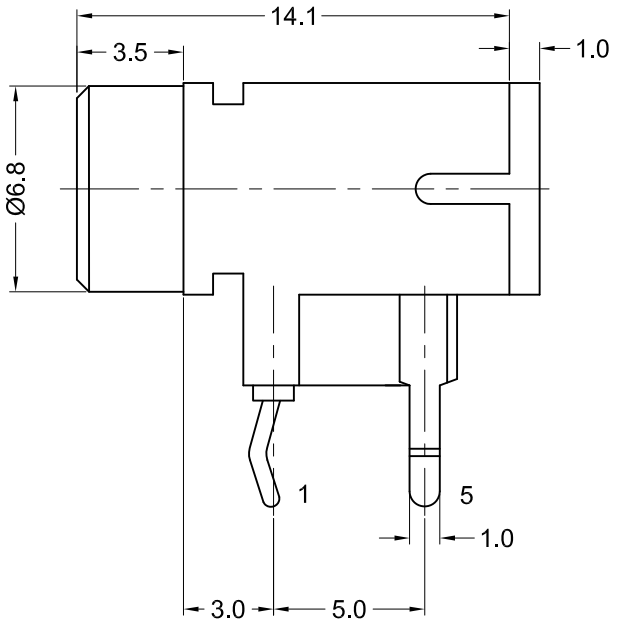
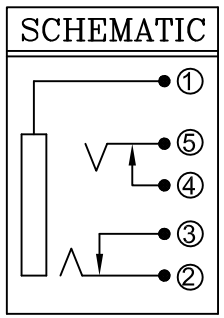
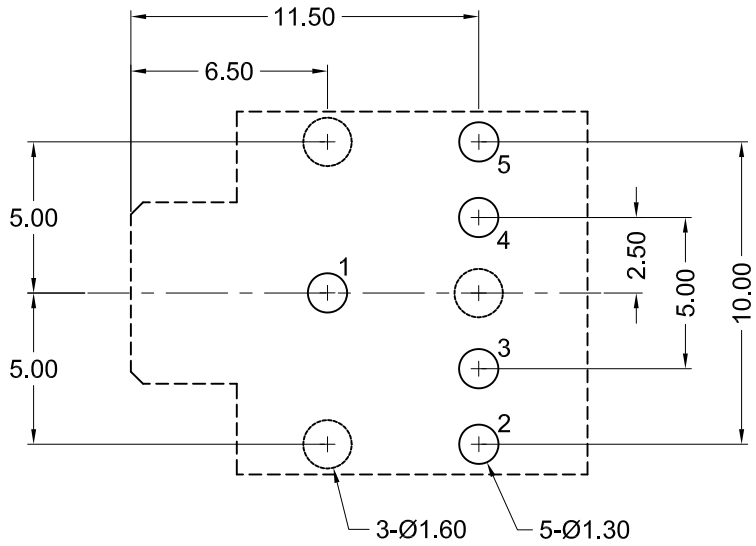
KYCON, Inc. 305 Digital Drive, Morgan Hill, CA 95037 (408)494-0330









Recommended PCB Layout
(Bottom View)

Materials and Finish

Housing: High Temperature
Thermoplastic, 15% Glass Filled
Light Blue (Pantone 284C) Color
UL 94V-0 Rated

Terminals:
Pin 1, 3 ,4: Brass, Matte Tin Plated
Pin 2, 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

RoHS COMPLIANT

C US LR78160

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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY
A0	9/22/05	New Drawing	R. Aguirre	H. MA
A1	6/2/06	Release Drawing	H. MA	N/A
B1	08/12/09	ECO #09-039	S. Vien	H. MA
B2	11/11/10	ECO #10-078	S. Vien	H. MA
B3	05/25/11	ECO #11-036	S. Vien	H. MA
B4	04/28/15	ECO #15-023	W. Cook	H. MA

DRAWN BY	DATE
R. Aguirre	07/14/05
	UNITS
	mm

STX-3120-5B-284C

Stereo Jack, 5 Position, RoHS Compliant

Meets PC99 Spec, Light Blue Color

KYCON