



Recommended PCB Layout  
(Bottom View)

**Materials and Finish**

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

Terminals: Copper Alloy,  
100u" Tin over  
50u" Nickel Underplating

**Mechanical Characteristics**

Insertion Force:  
0.4kg - 3.0kg  
Extraction Force:  
0.3kg - 3.0kg  
Durability: 5000 mating cycles

**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

Tolerances
X.X ± 0.2
X.XX ± 0.1
Unless Stated Otherwise

CSA NRTL/C Certified File No. LR78160

REVISION	DATE	DESCRIPTION	DRAWN BY	DESIGNED BY	UNITS	ST-3120-5B-284C	Stereo Jack, 5 Position	KYCON
A1	7/6/00	New Drawing	K. Wallace		mm			
			CHECKED BY	APPROVED BY	DATE		Meets PC99 Spec, Light Blue Color	
					7/6/00			