

## Recommended PCB Layout (Bottom View)

## Materials and Finish

Housing: PBT Thermoplastic  
15% Glass Filled,  
Pink (Pantone 701C) 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

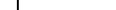
Operating Temp:  
-25°C to +85°C

**Tolerances**

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X.X  $\pm$  0.2  
X.XX  $\pm$  0.1  
Unless Stated  
Otherwise

CSA • CSA NRTL/C Certified File No. LR78160

REVISION	DATE	DESCRIPTION	DRAWN BY	DESIGNED BY	UNITS	ST-3120-5B-701C	Stereo Jack, 5 Position	 KYCON
A1	7/6/00	New Drawing	K. Wallace		mm			
			CHECKED BY	APPROVED BY	DATE		Meets PC99 Spec, Pink Color	
					7/6/00			

# Mouser Electronics

Authorized Distributor

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[Kycon](#):

[ST-3120-5B-701C](#)