



**Material:**  
 Housing: PBT+Glass Filled Polyester  
 Flammability Rating : UL94V-0  
 Contacts: Phosphor Bronze  $\phi 0.46\text{mm}$   
 Plating: Gold Plating

**Electrical:**  
 Voltage Rating: 125VAC  
 Current Rating: 1.5A  
 Contact Resistance:  $30\text{m}\Omega$  Max.  
 Insulation Resistance:  $500\text{M}\Omega$  Min.  
 Dielectric Strength: 1000VAC Rms  
 50Hz, 1 Min.  
 Durability: 600 cycles Min.  
 Operation Temperature:  $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$

**Order Information**  
 L-KLS12-142-6P6C - 1 - XX

RoHS   
 Contacts: 6P6C   
 Color Code:   
 1-Black  
 Plating Code:   
 01-Fu" Gold Plating  
 02-3u" Gold Plating  
 03-6u" Gold Plating  
 04-15u" Gold Plating  
 05-30u" Gold Plating

SECTION A-A

PCB Layout

| GENERAL TOLERANCE   | PROJECTION |            | Description:                   |
|---------------------|------------|------------|--------------------------------|
| X. $\pm 0.30$       | UNITS      | mm         | RJ12-6P6C 1x2 Modular jacks    |
| .X $\pm 0.25$       | SCALE      | 1:1        |                                |
| .XX $\pm 0.20$      | Draw by:   | Jenny      | KLS P/N: L-KLS12-142-6P6C-1-XX |
| ANGLE TOLERANCE     | Check by:  | Daniel     | NingBo KLS ELECTRONIC CO.,LTD. |
| X. $\pm 3^{\circ}$  | Date       | 2019-12-26 |                                |
| .X $\pm 2^{\circ}$  | SHEET      | 1 OF 1     |                                |
| .XX $\pm 1^{\circ}$ |            |            |                                |