

PCB Layout

**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:** 30m $\Omega$  Max.  
**Insulation Resistance:** 500M $\Omega$  Min.  
**Dielectric Strength:** 1000VAC Rms 50Hz, 1 Min.  
**Durability:** 600 cycles Min.  
**Operation Temperature:** -40°C ~ +70°C

**Order Information**

L-KLS12-157-8P8C-1-1x4-XX

RoHS

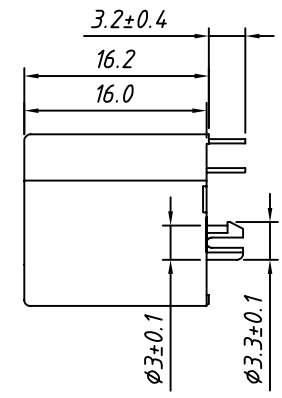
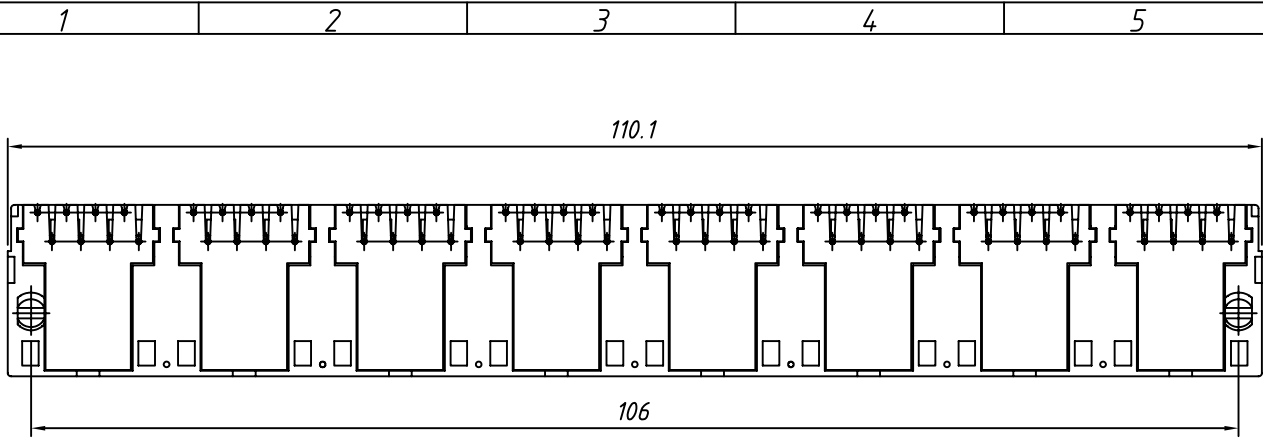
Contacts: 8P8C

Color Code: 1-Black

Plating Code:

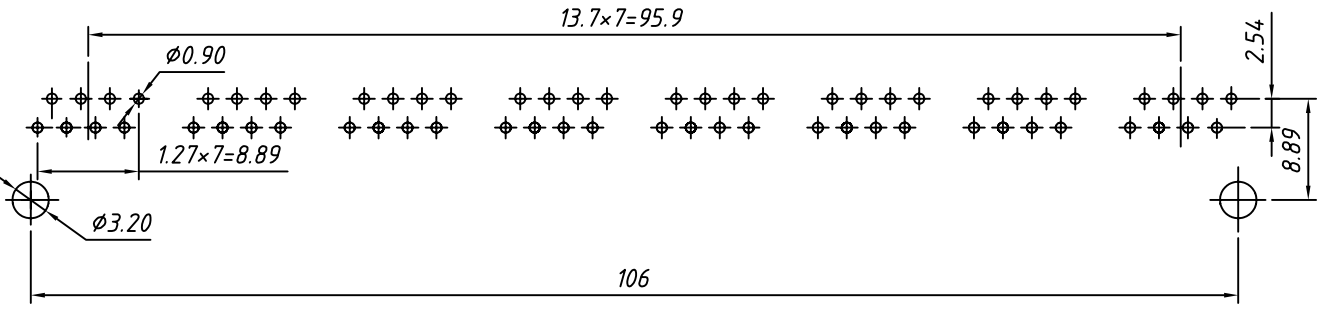
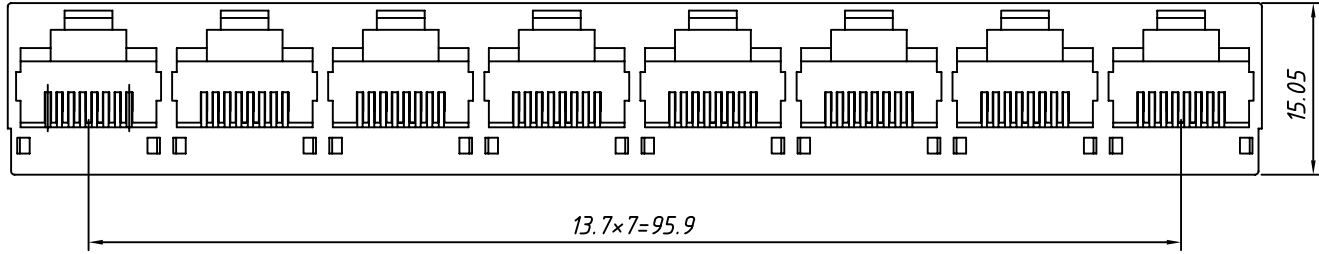
- 01-Fu" Gold Plating
- 02-3u" Gold Plating
- 03-6u" Gold Plating
- 04-15u" Gold Plating
- 05-30u" Gold Plating

| GENERAL TOLERANCE | PROJECTION |            | Description:                         |
|-------------------|------------|------------|--------------------------------------|
| X. $\pm 0.50$     | UNITS      | mm         | 1x4 Modular jacks                    |
| .X $\pm 0.25$     | SCALE      | 1:1        | RJ45-8P8C Jack, without SHELL, Black |
| .XX $\pm 0.10$    | Draw by:   | Jenny      | KLS P/N: L-KLS12-157-8P8C-1-1x4-01   |
| ANGLE TOLERANCE   | Check by:  | Daniel     | NingBo KLS ELECTRONIC CO.,LTD.       |
| X. $\pm 5^\circ$  | Date       | 2019-12-26 |                                      |
| .X $\pm 3^\circ$  | SHEET      | 1 OF 1     |                                      |



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 50Hz, 1 Min.  
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 Operation Temperature: -40°C ~ +70°C



Order Information  
 L-KLS12-157-8P8C-1-1x4-XX

RoHS  
 Contacts: 8P8C  
 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

PCB Layout

| GENERAL TOLERANCE | PROJECTION |            | Description:                         |
|-------------------|------------|------------|--------------------------------------|
| X. $\pm 0.50$     | UNITS      | mm         | 1x8 Modular jacks                    |
| .X $\pm 0.25$     | SCALE      | 1:1        | RJ45-8P8C Jack, without SHELL, Black |
| .XX $\pm 0.10$    | Draw by:   | Jenny      | KLS P/N: L-KLS12-157-8P8C-1-1x8-XX   |
| ANGLE TOLERANCE   | Check by:  | Daniel     | NingBo KLS ELECTRONIC CO.,LTD.       |
| X. $\pm 5^\circ$  | Date       | 2019-12-26 |                                      |
| .X $\pm 3^\circ$  | SHEET      | 1 OF 1     |                                      |
| .XX $\pm 2^\circ$ |            |            |                                      |