



RECOMMENDED PCB LAYOUT
GENERAL TOLERANCE: ±0.05

Electrical
 Current Rating: 1.5A Max
 Voltage: 100 VAC
 Contact Resistance: 40mΩ Max
 Insulation Resistance: 100MΩ Min.

Mechanical
 Operating Temperature: -30°C TO +85°C.
 Insertion Force: 5N~20N
 Unmating Force: 8N~20N
 Durability: 10000 Cycles

Order Information

L-KLS1- 5405
 USB Type C
 Female Connector
 RoHS

| | | | |
|-----|-------------|-----|-------------|
| A1 | GND | B12 | GND |
| A2 | SSTXP1 | B11 | SSRXP1 |
| A3 | SSTXN1 | B10 | SSRXN1 |
| A4 | VBUS | B9 | VBUS |
| A5 | CC1 | B8 | SBU2 |
| A6 | DP1 | B7 | DN2 |
| A7 | DN1 | B6 | DP2 |
| A8 | SBU1 | B5 | CC2 |
| A9 | VBUS | B4 | VBUS |
| A10 | SSRXN2 | B3 | SSTXN2 |
| A11 | SSRXP2 | B2 | SSTXP2 |
| A12 | GND | B1 | GND |
| Pin | Signal Name | Pin | Signal Name |

| | | | |
|------|-----------------|--------------------------------|------|
| 5 | Shell | Stainless Steel; Ni/Sn plated | 1PCS |
| 4 | Spring | Stainless Steel; | 1PCS |
| 3 | Shielding Plate | Stainless Steel; Nickel plated | 1PCS |
| 2 | Contact | Copper Alloy,Au/Nickel plated | 1SET |
| 1 | Housing | High Temperature Plastic,Black | 1PCS |
| No.: | Name | DESCRIPTION | Q'TY |

| | | |
|------------|--------------|--------------------------------|
| TOLERANCE | Description: | |
| .X ±0.30 | PROJECTION | USB Type C Female CONN.24P,SMD |
| .XX ±0.20 | UNITS | |
| .XXX ±0.10 | SHEET | A4 |
| X. ±2° | Draw: | Daniel |
| .X ±1° | Check: | Daniel |
| .XX ±0.5° | Date | 2018-03-01 |
| KLS | | NingBo KLS ELECTRONIC CO.,LTD. |