



Electrical
 Current Rating: 3.0A 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- 5426
 USB Type C
 Female Connector
 RoHS

| | | B12 | GND |
|-----|-------------|-----|-------------|
| | | | |
| | | B9 | VBUS |
| A5 | CC1 | | |
| | | | |
| | | B5 | CC2 |
| A9 | VBUS | | |
| | | | |
| A12 | GND | | |
| Pin | Signal Name | Pin | Signal Name |

RECOMMENDED PCB LAYOUT
GENERAL TOLERANCE: ±0.05

| 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 | |
| .XX ±0.20 | UNITS | mm |
| .XXX ±0.10 | SHEET | A4 |
| X. ±2° | Draw: | Daniel |
| .X ±1° | Check: | Daniel |
| .XX ±0.5° | Date | 2018-03-01 |
| | | |
| | | NingBo KLS ELECTRONIC CO.,LTD. |
| | | USB Type C Female CONN.6P,SMD |
| | | KLS P/N: KLS1-5426 |