



**Material**  
Housing:Hing Temperature Thermoplastic,  
UL 94V-0 LCP,Black.  
Contact:Copper Alloy C2680.  
Shell:steel

**Finish:**  
Contact:Plated Gold In Mating Area;  
Tin On Solder Talls.  
Shell:Nickel Plating.

**Electrical:**  
Current Rating:1.0A/Contact Terminal.  
Voltage Rating:30V DC  
Contact Resistance:50mΩ Max.  
Dielectric Withstanding Voltage:300 V AC  
AT Sea Level.  
Insulation Resistance:100MΩ Min.  
Connector Mate and Unmated Force  
Mate Force:3.0kgf Max.  
Unmated Force:0.7kgf Min.  
Terminal Retenion:0.5kgf Min.

RECOMMENDED PCB LAYOUT

Order Information

L-KLS1- 229 - 5FB-B-R

- Packing: R- TAPE on Reel  
T- Tube Y- Tray
- Color:B=Black
- Serial number
- Model
- RoHS

| GENERAL TOLERANCE | PROJECTION |            | Description:                    |
|-------------------|------------|------------|---------------------------------|
| X. ±0.30          | UNITS      | mm         | CONN MINI USB RCPT, TYPE B SMD  |
| .X ±0.25          | SCALE      | 1:1        |                                 |
| .XX ±0.20         | Draw by:   | Jenny      | KLS P/N: L-KLS1-229-5FB-B-R     |
| ANGLE TOLERANCE   | Check by:  |            | NingBo KLS ELECTRONIC CO.,L TD. |
| X. ±3°            | Date       | 2018-03-01 |                                 |
| .X ±2°            | SHEET      | 1 OF 1     |                                 |
| .XX ±1°           |            |            |                                 |