



RECOMMENDED PCB LAYOUT

Material

Housing:Hing Temperature Thermoplastic,UL 94 V-0
PBT/LCP,Black/White.

Contact:Copper Alloy C2680.

Shell:Copper Alloy C2680/SPCC.

Finish:

Contact:Plated Gold In Mating Area; Tin On Solder Tails.

Shell:Nickel Plating.

Electrical:

Current Rating:1.5A/Contact Terminal.

Voltage Rating:30V DC

Contact Resistance:30mΩ Max.

Dielectric Withstanding Voltage:500 V AC AT Sea Level.

Insulation Resistance:1000MΩ Min.

Connector Mate and Unmated Force

Mate Force:3.75kgf Max.

Unmated Force:1.02kgf Min.

Terminal Retention:1.2kgf Min.

Order Information

L-KLS1- 1821 - B

Color:W=White B=Black

CONN USB 2.0

RoHS

| | | | |
|-------------------|------------|------------|--|
| GENERAL TOLERANCE | PROJECTION | | Description: |
| X. ±0.50 | UNITS | mm | CONN COM TYPE A USB Female Straight H13.7 |
| .X ±0.25 | SCALE | 1:1 | |
| .XX ±0.10 | Draw by: | Jenny | KLS P/N: L-KLS1-1821-X |
| ANGLE TOLERANCE | Check by: | | NingBo KLS ELECTRONIC CO.,L TD. |
| X. ±5° | Date | 2018-03-01 | |
| .X ±3° | SHEET | 1 OF 1 | |
| .XX ±2° | | | |