



RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05

Material
Housing: Hing Temperature Thermoplastic,
UL 94 V-0 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- 181C - B - R

RoHS
USB 2.0 A Female
Color: W=WHITE
B=BLACK
Packing: P=Tray
R= Tape on REEL

GENERAL TOLERANCE	PROJECTION		Description:
X. ±0.50	UNITS	mm	CONN COM TYPE A USB Female SMD
.X ±0.25	SCALE	1:1	
.XX ±0.10	Draw by:	Jenny	
ANGLE TOLERANCE	Check by:		KLS P/N: L-KLS1-181C-X-X
X. ±5°	Date	2018-03-01	NingBo KLS ELECTRONIC CO.,L TD.
.X ±3°	SHEET	1 OF 1	
.XX ±2°			