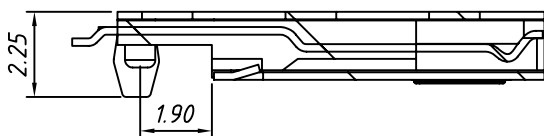
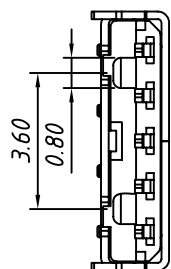
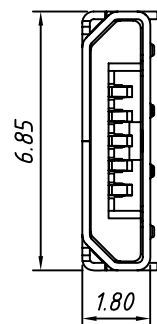
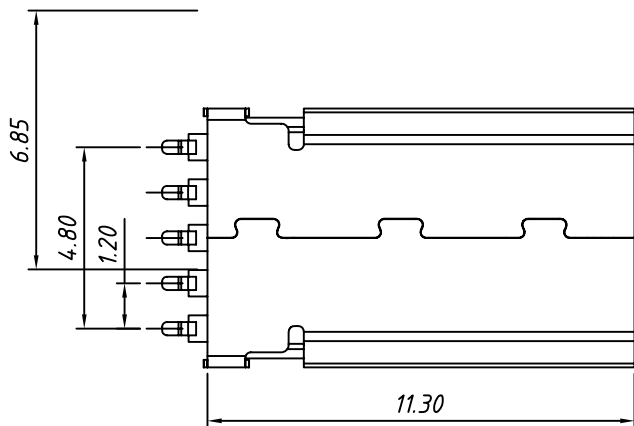
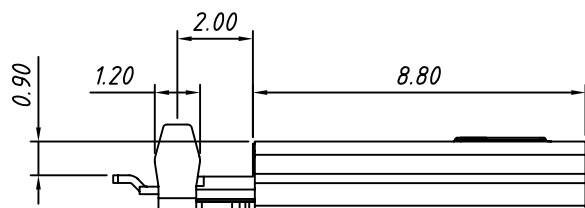


RECOMMENDED PCB LAYOUT



**Material**  
Housing:LCP,UL 94 V-0,Black.  
Contact:Copper Alloy.  
Shell:SUS 304 T=0.20.

**Finish:**  
Contact:Gold Plating on Contact area.  
80u" Sn Plating on solder tail area.  
50u" Min.Nickel Under plating over all.

**Electrical:**  
Voltage Rating:30VAC RMS.  
Current Rating:2.0A(pin 15);  
1.0A(pin 2 3 4).  
Contact Resistance:50m $\Omega$  Max.  
Insulation Resistance:100M $\Omega$  Min.  
Dielectric Withstanding Voltage:  
500 V AC For 1 Minute.  
Operating Life:5000 cycles.  
Operating Temperature: -20 $^{\circ}$ C ~ +85 $^{\circ}$ C

**Order Information**

L-KLS1- 236 -5M1- B - R

- R-Reel packing
- Color:L=Blue
- Serial Number
- Micro USB
- RoHS

**Pin Assignments**

Contact No.	Signal Name
1	VBUS
2	D-
3	D+
4	ID
5	GND
Shell	Shield

GENERAL TOLERANCE	PROJECTION		Description:
X. $\pm 0.50$	UNITS	mm	CONN PLUG MICRO USB TYPE B PCB MID MOUNT
.X $\pm 0.25$	SCALE	1:1	
.XX $\pm 0.10$	Draw by:	Jenny	KLS P/N: L-KLS1-236-5M1-B-R
ANGLE TOLERANCE	Check by:		NingBo KLS ELECTRONIC CO.,L TD.
X. $\pm 5^{\circ}$	Date	2018-03-01	
.X $\pm 3^{\circ}$	SHEET	1 OF 1	
.XX $\pm 2^{\circ}$			