

### SUGGESTED PCB LAYOUT (TOP VIEW)

### ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

#### NOTES:

#### ELECTRICAL:

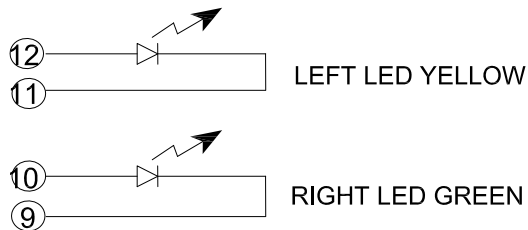
1. VOLTAGE RATING : 125 VAC RMS.
2. CURRENT RATING : 1.5 AMP.
3. CONTACT RESISTANCE : 30 MILLIOHMS MAX.
4. INSULATION RESISTANCE : 500 MEGOHMS MIN @ 500 VDC.
5. DIELECTRIC STRENGTH : 1000 VAC RMS 50Hz or 60Hz, 1MIN.

#### MECHANICAL:

1. HOUSING & INSERT MATERIAL : PBT UL94V-0;PANTONE COLOUR No:114C(YELLOW)
2. CONTACT MATERIAL : PHOSPHOR BRONZE T=0.3MM.
3. SHIELD : 0.20 ~ 0.25MM THICKNESS BRASS WITH TIN PLATE
4. PLATING : 1. CONTACT AREA-SELECTIVE GOLD(6U") PLATING.  
2. TAILS PLATING TIN OVER NICKEL.
5. MATING/UNMATING FORCE : 2.2KG.F MAX.
6. RETENTION STRENGTH : 7.7KG.F MIN BETWEEN JACK AND PLUG.
7. OPERATING LIFE : 600 CYCLES MIN.

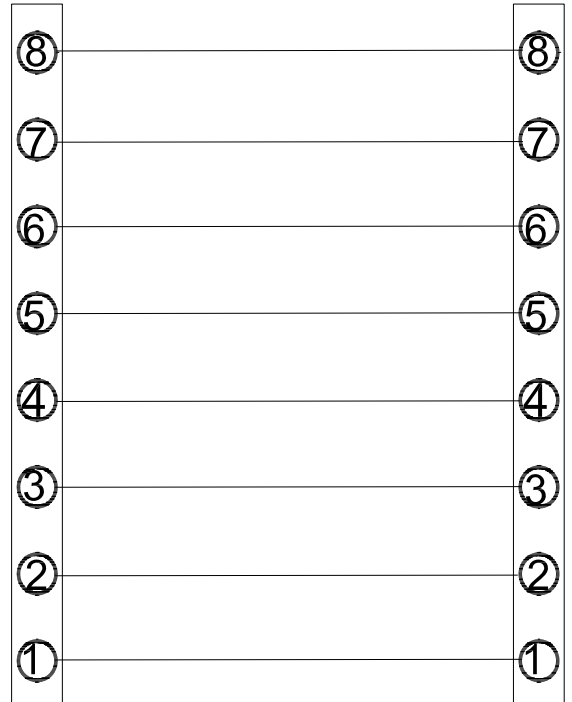
#### ENVIRONMENTAL:

1. STORAGE : -10°C ~ +40°C RELATIVE HUMIDITY<70%.
2. OPERATION : -40°C ~ +70°C.



P 端

J 端



UNIT:mm

.x+/-0.30 .xx +/-0.25, .xxx +/-0.13

Approved By:

JP.GONG



东莞市涪程电子科技有限公司

DONG GUAN FU CHENG ELECTRONIC TECHNOLOGY Co., LTD

1X1 RJ45+USB

Part No:

FCRJ-USB02NL

REV  
A

Drafted by:JG.CHEN

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