



RECOMMENDED PCB LAYOUT

Specifications:

Electrical:

1. Current Rating
1.0A/contact terminal
2. Voltage Rating
30V DC
3. Contact Resistance
50 milliohms MAX
4. Dielectric Withstanding Voltage:
300 V AC AT Sea Level
5. Insulation Resistance:
100MEGA ohms MIN

Mechanical:

1. Connector Mate and Unmate Force
Mate force: 3.0kgf (MAX)
Unmate force: 0.7kgf (MIN)
2. Terminal Retention
0.5kgf (MIN)

Material:

1. Housing:
High Temperature Thermoplastics,
UL 94V-0 LCP Black
 2. Contact: Copper Alloy C2680
 3. Shell: Copper Alloy C2680
- Finish:
1. Contact: Plated Gold in Mating Area;
Tin On Solder Tails
 2. Shell:
Nickel Plating