



- NOTES:
- MATERIAL SPECIFICATION:
    - HOUSING: High-Temp Plastics, UL94V-0, Color: Black
    - CONTACTS: Copper Alloy T=0.25mm.
    - OUTER SHELL: Stainless Steel, T=0.30mm.
    - INNER SHELL: Stainless Steel, T=0.20mm.
    - MID-PLATE: Stainless Steel, T=0.20mm.
    - SOLDER-PLATE: Stainless Steel, T=0.10mm.
  - PLATING SPECIFICATION:
    - CONTACTS: Ni UNDERPLATED OVER ALL; Gold Plated On Contact Area; Gold Flash Plated On Solder Area.
    - SHELL: Ni UNDERPLATED OVER ALL; Gold Flash Plated On Solder Leg.
  - RoHS AND HF COMPLIANT.
  - MECHANICAL PERFORMANCE:
    - MATING FORCE: 6~20N(Initial); 5~20N(After)
    - UNMATING FORCE: 8~20N(Initial); 6~20N(After)
    - DURABILITY: 10000 CYCLES.
  - ELECTRICAL PERFORMANCE:
    - CURRENT RATING: 3.0A; VOLTAGE RATING: 5.0V
    - LLCR:
      - VBUS & GND PINS: 40mΩ/PIN MAX.;
      - OTHERS PINS: 40mΩ/PIN MAX.;
      - LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
    - INSULATION RESISTANCE: 100MΩ MIN.
    - DIELECTRIC WITHSTANDING VOLTAGE: 100V AC FOR 1 MINUTE.
  - ENVIRONMENTAL PERFORMANCE:
    - OPERATING TEMPERATURE: -20℃~+85℃.
  - RECOMMENDED PROCESS:
    - THE PEAK TEMPERATURE ON THE BOARD SHALL MAINTAIN 10±1 SECONDS AT 260±5℃.

RECOMMENDED PCB LAYOUT  
TOLERANCE: ±0.05  
(建议使用Sn 焊料厚度0.12mm)

设计:	Arvin: 2016.03.08	范围 Range	公差 Tolerance	东莞市恒祺电子科技有限公司	
审核:	Arvin:	X.X ±	X.X ±0.30		
校对:	Ru yi:	X.XX ±	X.XX ±0.20	名称: TYPE-C	料号:
比例:	视角关系:	X.XXX ±	X.XXX ±0.10	形号: 16PIN沉板1.58舌头外露1.5 IPX4	
版次:	图框大小: A4	Angle ±	Angle ±5°	共张, 第张	备注: