



**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 Thermoplastic  
UL 94V-0 LCP Black
2. Contact: Copper Alloy C2680 / C5191
3. Shell: Copper Alloy C2680

**Finish:**

1. Contact: Plated Gold in Mating Area;  
Tin On Solder Tails
2. Shell: Nickel Plating

RECOMMENDED PCB LAYOUT

RoHS Compliant		HSM 玄茂科技股份有限公司 HSUAN MAO TECHNOLOGY CO., LTD.	
APPD. 核准 HELEN	SCALE 比例 參考	TOLERANCE XX ±0.30 XXX ±0.20 XXX ±0.10 X* ±5° XX* ±2°	PART NAME 品名 MINI USB 5P FEMALE B TYPE P.C.B. DIP 180° (W/O KINK) 1.1 VERSION SELECTIVE GOLD PLATING BLACK INSULATOR ROHS
DWG. 製圖 ABBY	UNIT 單位 MM	SIZE 紙張尺寸 A4	PART NO. 料號 C8320-05BFHSB0R
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