



P.C.B LAYOUT MOUNTING PATTERN

**SPECIFICATIONS**

- 1.Electrical:
  - 1.1 Contact resistance : 50mΩ max.
  - 1.2 Dielectric withstanding voltage : 250 V RMS.
  - 1.3 Insulation resistance : 50MΩ min.
- 2.Mechanical:
  - 2.1 Mate and unmate force:
    - 2.1.1 Mate force : 3.0kg MAX
    - 2.1.2 Unmate force : 1.02kg MIN
  - 2.2 Durability : 3,000 cycles MIN.
- 3.Environment:
  - Operating Temperature : -20°C to +85°C.
- 4.Material:
  - Housing: LCP,Black
  - Contact: Phosphor Bronze
  - Shell: SUS304
- 5.Plating Layer:
  - Contact: Plated Gold in Mating Area ;
  - Gold Plated on Solder Balls ;
  - Nickel under plated overall
  - Shell: Tin under plated surface layer



TOLERANCE UNLESS OTHERWISE STATED :  
 Up to 5 ±0.2  
 Above 5 ~ 15 ±0.3  
 Above 15 ~ 30 ±0.4  
 Above 30 ~ 50 ±0.5  
 Angle ±0.3°

3RD. ANGEL'S



UNITS

MM

DRAWN BY:	DATE	MAT'L	TITLE	CONNECTOR
Jack Lu	12/18/13			
CHECKED BY:	DATE	FINISH	MODLE	MICRO USB AB TYPE 180度直插 無捲邊
Jacky Chen	12/18/13			
APPROVED BY:	DATE	SCALE	DWG NO.	MRUSB-5AB-V2-S129
Tony Kao	12/18/13	1 : 1	PART NO.	MRUSB-5AB-V2-S129
		SHEET NO.	1 of 1	

1	更新外觀材質	Jack	121813
ITEM NO.	DESCRIPTION	DRAWN	DATE