



RECOMMEND P. C. B LAYOUT COMPONENT

**SPECIFICATIONS**

**Electrical:**

- 1.Voltage Current Rating: 1.5 AMP, 30VAC
- 2.Contact Resistance: 30 mΩ Max
- 3.Insulation Resistance: 1,000 MΩ Min
- 4.Dielectric Withstanding Voltage: 500 V AC

5.Operating Temperature: -35°C ~ 85°C

6.Mating Force: 3.57 Kg Max

7.Umating Force: 1.02 Kg Min

**Material:**

1.Housing: PBT , UL 94V-0 (BLACK)

2.Contact: Phosphor Bronze

3.Shell: SPCC

**Finish:**

- 1.Contact: Plated Gold in Mating Area ;  
Tin Plated on Solder Balls ;  
Nickel under plated overall

2.Shell: Nickel under Plated surface layer

|          |                    |       |        |
|----------|--------------------|-------|--------|
| 7        | 更新PCB LAYOUT尺寸     | Jack  | 121517 |
| 6        | 更新尺寸               | Jack  | 080715 |
| 5        | 更新pcb layout 外觀孔   | Jack  | 072215 |
| 4        | 更新為A0版             | Jack  | 031815 |
| 3        | 新增2.90mm 11.20兩個尺寸 | Jack  | 121614 |
| 2        | 更新材質及SPEC          | Jack  | 053014 |
| 1        | 更新尺寸               | Jack  | 050514 |
| ITEM NO. | DESCRIPTION        | DRAWN | DATE   |

**gtk** **GTK UK LTD.**

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     | MATL      | TITLE    | CONNECTOR             |
| Jack Lu      | 12/15/17 |           | MODLE    | USB A/F MID-MOUNT, TH |
| CHECKED BY:  | DATE     | FINISH    | SCALE    | 1 : 1                 |
| Jacky Chen   | 12/15/17 |           | DWG NO.  | USBS-AF5B-R           |
| APPROVED BY: | DATE     | SHEET NO. | PART NO. | USBS-AF5B-R           |
| Tony Kao     | 12/15/17 | 1 of 1    |          |                       |