



- 1.1 Contact resistance : 30m $\Omega$  max.
- 1.2 Dielectric withstanding voltage : 100 V AC.
- 1.3 Insulation resistance : 100M $\Omega$  min.

- 2.1 Mate and unmate force:
  - 2.1.1 Mate force : 35N MAX
  - 2.1.2 Unmate force : 10N MIN
- 2.2 Durability : 3,000 cycles MIN.

3.1 Operating Temperature : -30°C to +85°C.

4.1 Housing: LCP,Black  
4.2 Contact: Phosphor Bronze  
4.3 Shell: SUS

5.1 Contact: Plated Gold in Mating Area ;  
Gold Plated on Solder Balls ;  
Nickel under plated overall

5.2 Shell: Tin under Plated surface layer

## P.C.B LAYOUT MOUNTING PATTERN

**CONTACT** 建倚科技股份有限公司  
CONTACT TECHNOLOGY CORP.

|                                        |                                                                    |                                                                     |                 |                                                                                     |       |    |
|----------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------|-------|----|
| TOLERANCE UNLESS<br>OTHERWISE STATED : | Up to 5<br>Above 5 ~ 15<br>Above 15 ~ 30<br>Above 30 ~ 50<br>Angle | $\pm 0.2$<br>$\pm 0.3$<br>$\pm 0.4$<br>$\pm 0.5$<br>$\pm 0.3^\circ$ | 3RD.<br>ANGEL'S |  | UNITS | MM |
|----------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------|-------|----|

|              |          |           |        |          |                                              |            |
|--------------|----------|-----------|--------|----------|----------------------------------------------|------------|
| DRAWN BY:    | DATE     | MAT'L     |        | TITLE    | CONNECTOR                                    |            |
| Jack Lu      | 11/05/14 |           |        |          |                                              |            |
| CHECKED BY:  | DATE     | FINISH    |        | MODLE    | MICRO USB AB TYPE vertical DIP 平口<br>腳長2.0mm |            |
| Jacky Chen   | 11/05/14 | SCALE     | 1 : 1  | DWG NO.  | MRUSB-5AB-V3-S129                            | SIZE<br>A4 |
| APPROVED BY: | DATE     | SHEET NO. | 1 of 1 | PART NO. | MRUSB-5AB-V3-S129                            | VER        |
| Tony Kao     | 11/05/14 |           |        |          |                                              | R          |