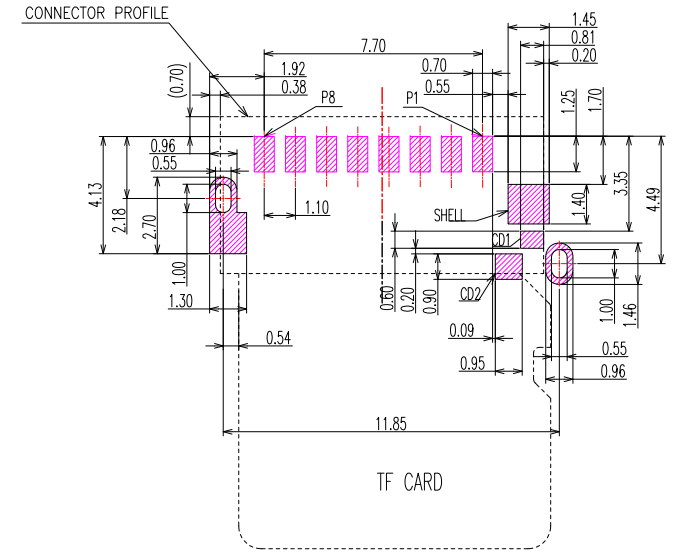
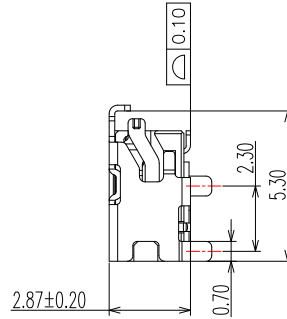
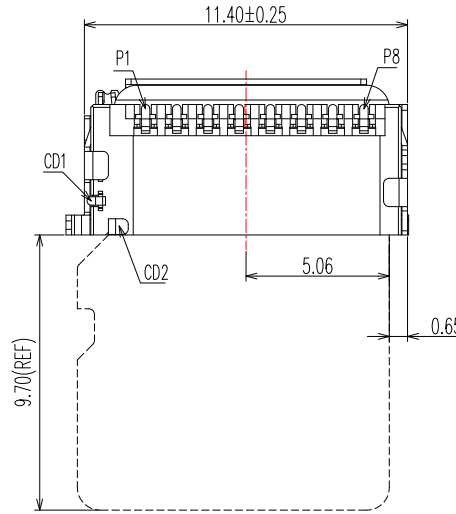
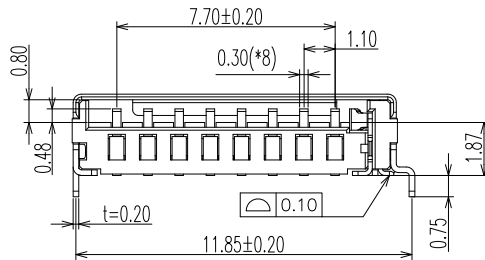
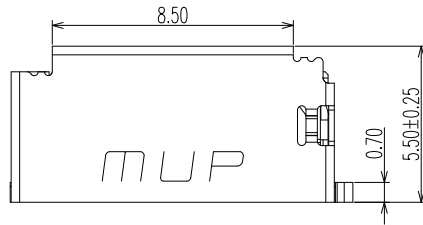
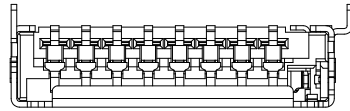




## PCB LAYOUT

| PIN ASSIGNMENT |         |      |
|----------------|---------|------|
| PIN            | SD      | SPI  |
| 1              | DAT2    | RSV  |
| 2              | CD/DAT3 | CS   |
| 3              | CMD     | DI   |
| 4              | VDD     | VDD  |
| 5              | CLK     | SCLK |
| 6              | VSS     | VSS  |
| 7              | DAT0    | DO   |
| 8              | DAT1    | RSV  |

## SPECIFICATION

### Electrical :

- 1.Contact Resistance: 50 mΩ Max.
- 2.Insulation Resistance: 1000 MΩ Min.
- 3.Dielectric Withstanding Voltage: 500V AC
- 4.Life Cycles: 5000 cycles

### Environmental:

- 1.Operating Temperature: -40℃ ~ +85℃.

| ITEM | PART NAME    | Q'TY | MATERIAL              | FINISH                   |
|------|--------------|------|-----------------------|--------------------------|
| 1    | HOUSING      | 1    | Hi-temp Thermoplastic | Black UL94V-0            |
| 2    | DATA CONTACT | 8    | Copper Alloy          | Contact area:Gold plated |
| 3    | SHELL        | 1    | Stainless Steel       | Ni plated                |
| 4    | DETECT 1     | 1    | Copper Alloy          | Contact area:Gold plated |
| 5    | DETECT 2     | 1    | Copper Alloy          | Contact area:Gold plated |

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

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      | 04/09/26 | FINISH    | MODLE    | MICRO SD 卡 短體不帶偵測PIN |
| CHECKED BY:  | DATE     | SCALE     | DWG NO.  | SD-TF03-M6017-S494   |
| Jacky Chen   | 04/09/26 | 1 : 1     | PART NO. | SD-TF03-M6017-S494   |
| APPROVED BY: | DATE     | SHEET NO. | 1 of 1   |                      |
| Tony Kao     | 04/09/26 |           |          |                      |

| ITEM NO. | DESCRIPTION | DRAWN | DATE |
|----------|-------------|-------|------|
|----------|-------------|-------|------|