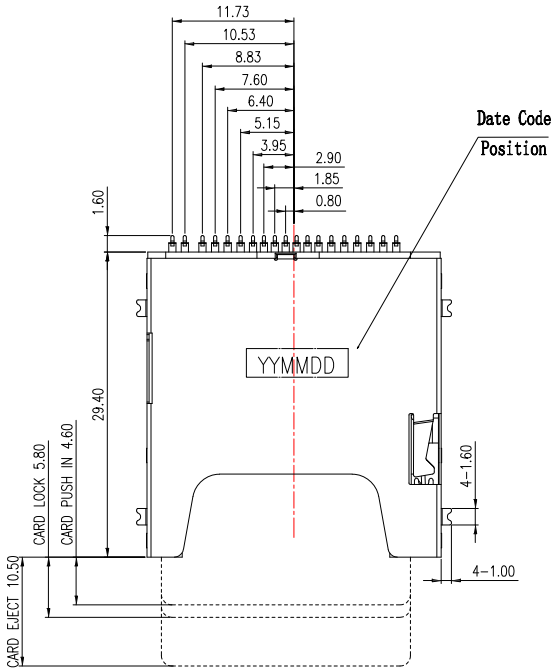
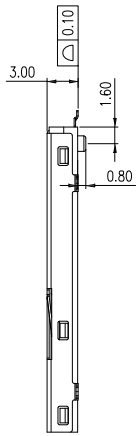
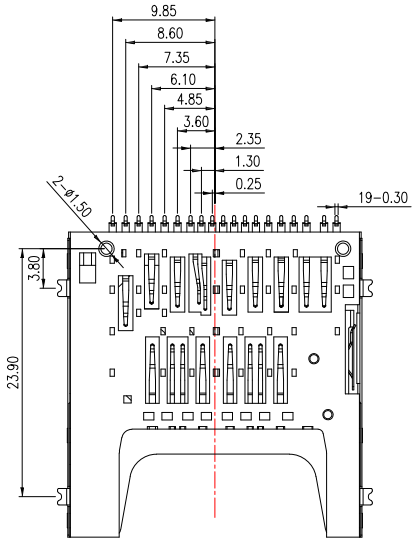
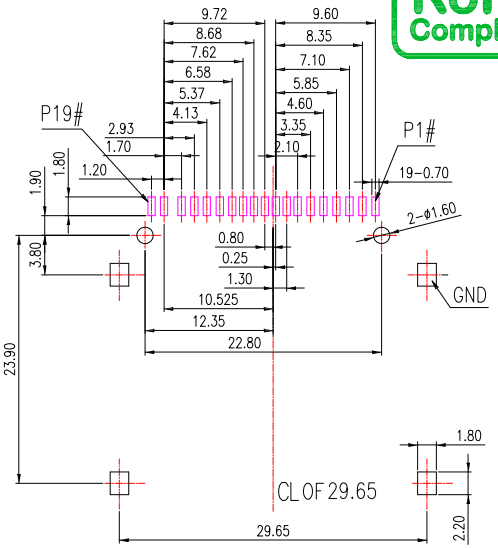
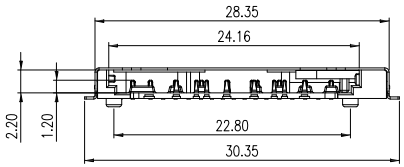



PCB LAYOUT




| | | | |
|---|---|---|---|
| CARD DETECT | 7# 8# CARD OUT | 7# 8# CARD INSERT |
| WRITE PROTECT | 19# GND WRITE PROTECTED | 19# GND# WRITE ENABLE |

PIN DEFINE:

| PIN# | NAME | DESCRIPTION | PIN# | NAME | DESCRIPTION |
|---|---|---|---|---|---|
| 1 | VSS3 | GROUND | 11 | VDD1 | SUPPLY VOLTAGE |
| 2 | DAT2 | DATA LINE BIT2 | 12 | D1- | DIFFERENTIAL DATE 1- |
| 3 | DO+ | DIFFERENTIAL DATE 0+ | 13 | CLK | CLOCK |
| 4 | CD/DAT3 | CARD DETECT/DATA LINE BIT3 | 14 | D1+ | DIFFERENTIAL DATE 1+ |
| 5 | DO- | DIFFERENTIAL DATE 0- | 15 | VSS2 | SUPPLY VOLTAGE GROUND |
| 6 | CMD | COMMAND/RESPONSE | 16 | VSS5 | GROUND |
| 7 | CD | CARD DETECT | 17 | DAT0 | DATA LINE BIT0 |
| 8 | VSS1 | SUPPLY VOLTAGE GROUND | 18 | DAT1 | DATA LINE BIT1 |
| 9 | VSS4 | GROUND | 19 | WP | WRITE PROTECT |
| 10 | VDD2 | SUPPLY VOLTAGE(1.8V) | | | |

SPECIFICATION

Electrical :

1.Current Rating: 1.0A

2.Voltage Rating: 3.3V / 5.0V(AC/DC)

3.Contact Resistance: 100 mΩ Max.

4.Insulation Resistance: 1000 MΩ Min.

5.dielectric Withstanding Voltage: 500V AC

Environmental:

1.Operating Temperature: -25°C ~ +85°C.

Material:

1.Housing: LCP

2.Contact: Phosphor Bronze

3.Shell: Stainless Steel

Finish:

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

2.Shell: Nickel under Plated surface layer

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

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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: Jack Lu | DATE 01/26/26 | MAT'L | |
| CHECKED BY: Jacky Chen | DATE 01/26/26 | FINISH | |
| APPROVED BY: Tony Kao | DATE 01/26/26 | SCALE 1 : 1 | SHEET NO. 1 of 1 |

| | | | |
|---|---|---|---|
| TITLE | CONNECTOR | | |
| MODLE | SD 4.0 H3.0 PUSH PUSH TYPE | | |
| DWG NO. | SD4-3000-S502 | SIZE | A4 |
| PART NO. | SD4-3000-S502 | VER | R |