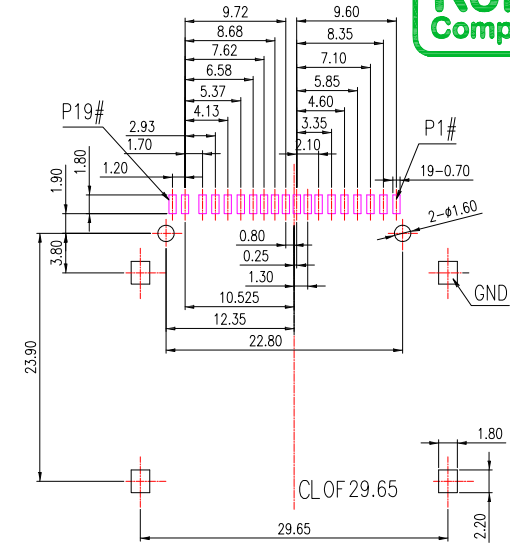
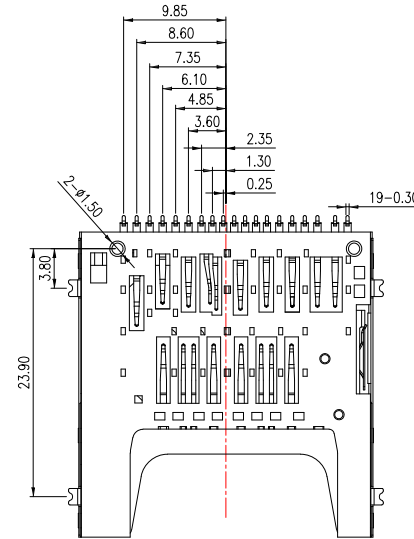
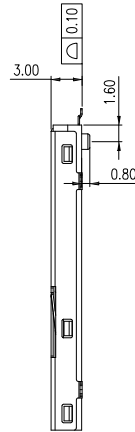
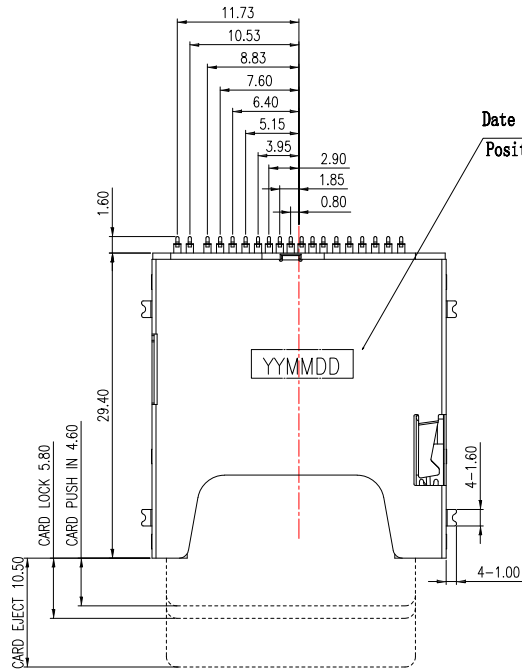




PCB LAYOUT



CARD DETECT	7#	CARD OUT	8#	CARD INSERT
WRITE PROTECT	19#	WRITE PROTECTED	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 :

- Current Rating: 1.0A
- Voltage Rating: 3.3V / 5.0V(AC/DC)
- Contact Resistance: 100 mΩ Max.
- Insulation Resistance: 1000 MΩ Min.
- dielectric Withstanding Voltage: 500V AC

Environmental:

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

Material:

- Housing: LCP
- Contact: Phosphor Bronze
- Shell: Stainless Steel

Finish:

- Contact: Plated Gold in Mating Area ;
Tin Plated on Solder Balls ;
Nickel under plated overall
- Shell: Nickel under Plated surface layer

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	01/26/26	FINISH	MODLE	SD 4.0 H3.0 PUSH PUSH TYPE
CHECKED BY:	DATE	SCALE	DWG NO.	SD4-3000-S502
Jacky Chen	01/26/26	1 : 1	PART NO.	SD4-3000-S502
APPROVED BY:	DATE	SHEET NO.	1 of 1	
Tony Kao	01/26/26			