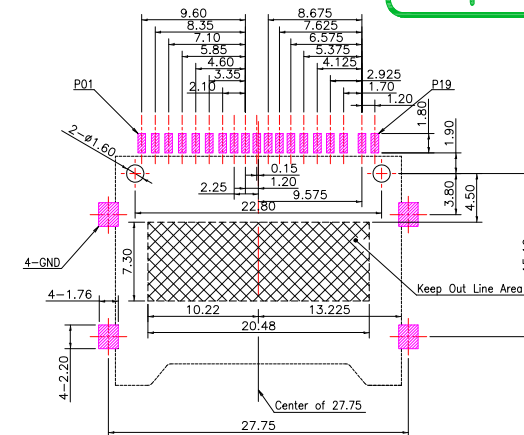
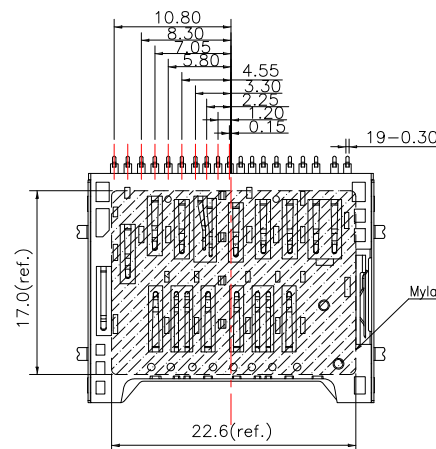
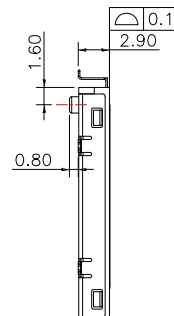
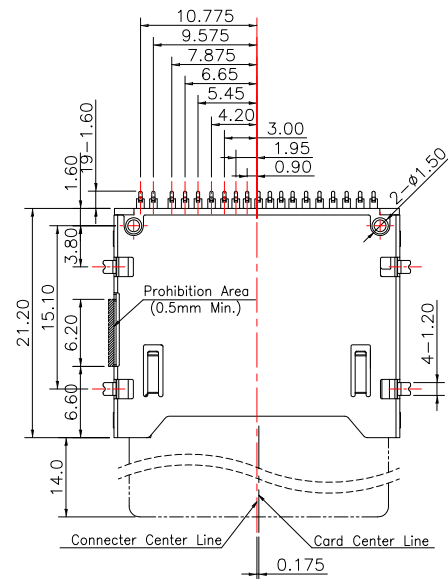




PCB LAYOUT

Pin Assignment

Pin#	Name	Description	Pin#	Name	Description
P01	VSS3	Supply Voltage Ground	P11	VDD1	Supply Voltage (3.3V)
P02	DAT2	Data Line [Bit 2]	P12	D1-	Differential Data 1-
P03	D0+	Differential Data 0+	P13	CLK	Clock
P04	CD/DAT3	Card Detect/Data Line [Bit 3]	P14	D1+	Differential Data 1+
P05	D0-	Differential Data 0-	P15	VSS2	Supply Voltage Ground
P06	CMD	Command/Response	P16	VSS5	Supply Voltage Ground
P07	CD	Card Detect	P17	DAT0	Data Line [Bit 0]
P08	VSS1	Supply Voltage Ground	P18	DAT1	Data Line [Bit 1]
P09	VSS4	Supply Voltage Ground	P19	WP	Write Protect
P10	VDD2	Supply Voltage (1.8V)			

MATERIAL

1.Housing: LCP

2.Contact: Phosphor Bronze

3.Shell: SUS

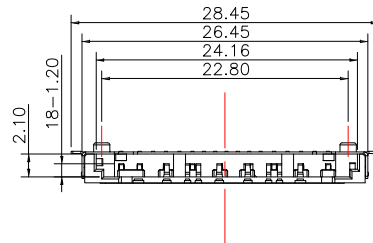
Finish:

1.Contact: Plated Gold in Mating Area ;

Tin Plated on Solder Balls ;

Nickel under plated overall

2.Shell: Nickel under Plated surface layer



Card Uninsertion	
Card Write Protect insertion	
Card Normal insertion	

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
Jack Lu 05/21/26
CHECKED BY: DATE
Jacky Chen 05/21/26
APPROVED BY: DATE
Tony Kao 05/21/26

MAT'L		TITLE	CONNECTOR
FINISH		MODLE	SD4.0 短體板上型 H2.90 NON-PUSH
SCALE	1 : 1	DWG NO.	SD4-004ZA4A-S502
SHEET NO.	1 of 2	PART NO.	SD4-004ZA4A-S502

SIZE	A4
VER	R