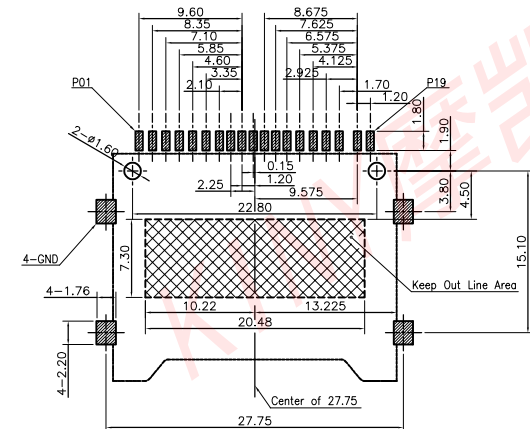
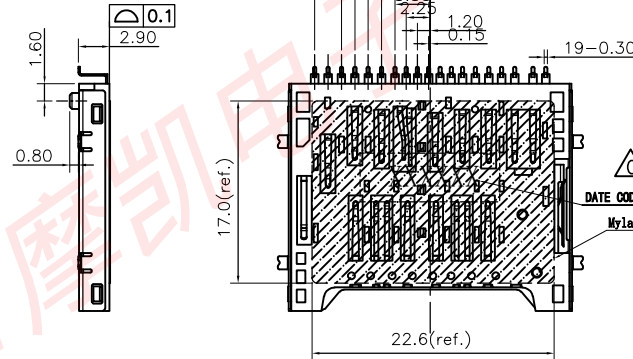
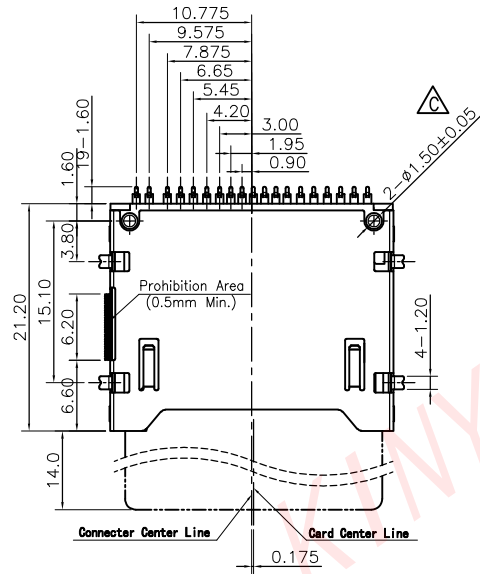


* 所有原料材质, 生产制程, 电镀必须符合HTR要求



Recommended PCB Layout
Top View (Tolerance ±0.05)

Note: $\triangle C$

1. Material:

- 1-1. Plastic: LCP, S475, Black, HF, UL94V-0
- 1-2. Contact: C5210
- 1-3. Shell: SUS304

2. Plating:

- 2-1. Contact:
Contact Area: Au 1 μ min. Plating. Over Ni 50 μ min.
Solder tail: Matte Tin 100 μ min. Plating. Over Ni 50 μ min.
- 2-2. Shell:
Solderability Ni 50 μ min. Over All

3. Contact And Tail Coplanarity To Be 0.10mm max.

4. Electrical Characteristics:

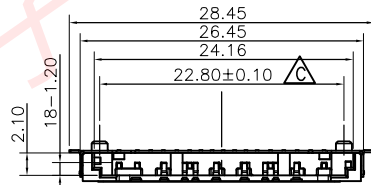
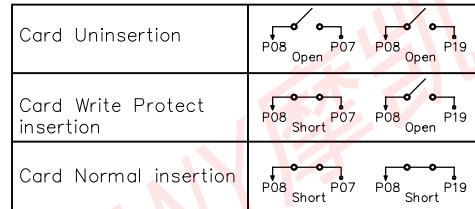
- 4-1. Contact Current Rating: 0.5Amperes.
- 4-2. Dielectric Withstanding Voltage: AC500V r. m. s.
- 4-3. Insulation Resistance: 1000 Megohms
- 4-4. Contact Resistance: 100 m Ω Maximum.

5. Mechanical Characteristics:

- 5-1. Mating Cycles: 10,000 Cycles.

6. Environmental:

- 6-1. Operating Temperature: -25° C ~ +85° C.
- 6-2. Salty spray: 48H



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-	Deferential Data 1-
P03	DO+	Deferential Data 0+	P13	CLK	Clock
P04	CD/DAT0	Card Detect/Data Line [Bit 3]	P14	D1+	Deferential Data 1+
P05	DO-	Deferential 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)			

C	----	标准化图面 $\triangle C$	FAJI	2020.11.07
B	----	更新LCP物料 $\triangle B$	pure	2020.07.06
A	----	NEW RELEASE	Alexander	2020.05.15
REVISION NO.	ECR NO.	DESCRIPTION	MARK	DATE
1	2	3	4	5

DIMENSIONS INIT: mm		PRODUCT NAME :		DRAWING:		DATE:	
UNLESS OTHERWISE SPECIFIABLE		SD4.0 Bottom H2.90 Non-push		FAJI		2020.11.07	
DIMENSION TOLERANCE		PRODUCT NO. :		CHECK:		DATE:	
X.X: ± 0.35	X.XX: ± 0.20	SD290-T1250-01		Alex		2020.11.07	
X.XXX: ± 0.10	ANGULAR: ± 2'	DRAWING NO. :		APPROVED:		DATE:	
		D-SD290-T1250-01		Alex		2020.11.07	
		SCALE: 1:1		DWG ID: C D		REV.: C	
						PAGE: 1 OF 1	