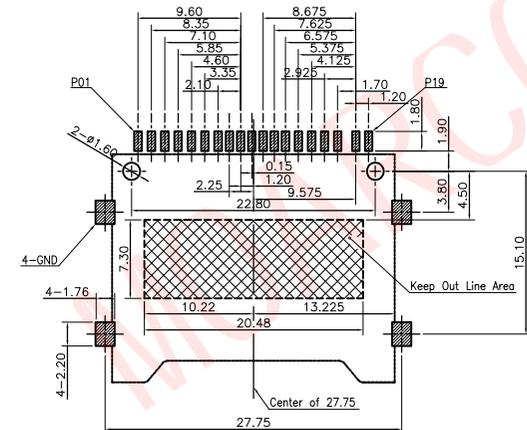
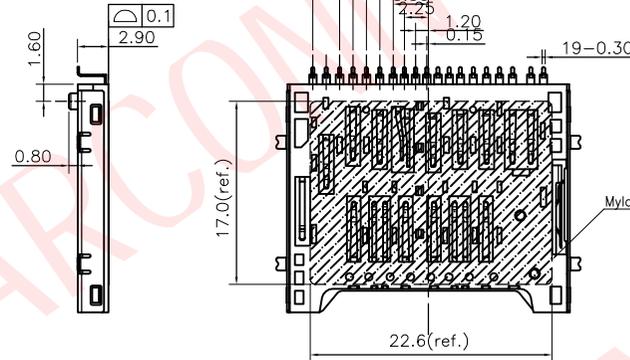
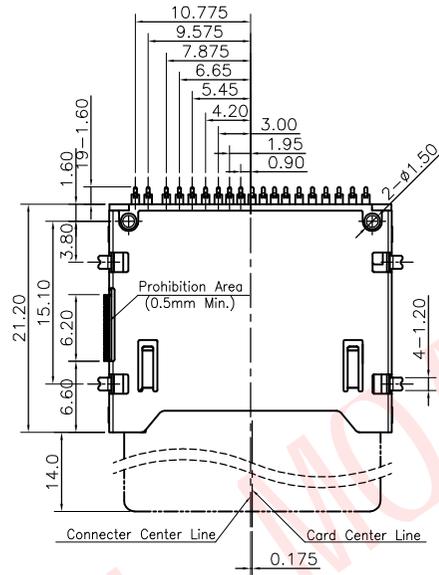
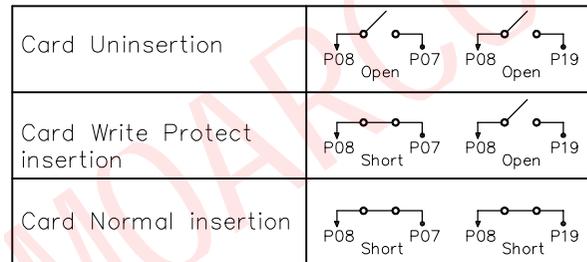
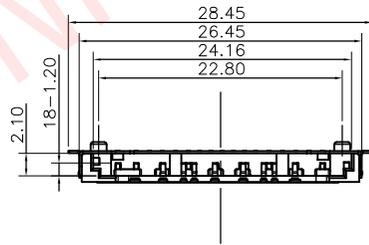


All materials, plating and process meet HF requirements.



Recommended PCB Layout  
Top View (Tolerance 0.05)



Note:

- Material:
  - 1-1. Plastic: LCP, S475, Black, UL94V-0  $\triangle B$
  - 1-2. Contact: C5210-H
  - 1-3. Shell: SUS304-H
- Plating:
  - 2-1. Contact:  
Contact Area: Au  $1\mu$ " min. Plating  
Over Ni  $50\mu$ " min.  
Solder tail: Matte Tin  $100\mu$ " min. Plating  
Over Ni  $50\mu$ " min.
  - 2-2. Shell:  
Solderability Ni  $50\mu$ " min. Over All
- Contact And Tail Coplanarity To Be 0.10mm max.

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	DO+	Differential Data 0+	P13	CLK	Clock
P04	CD/DAT3	Card Detect/Data Line [Bit 3]	P14	D1+	Differential Data 1+
P05	DO-	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)			

B	----	Change material $\triangle B$	pure	2020.07.06
A	----	NEW RELEASE	Alexander	2020.05.15
REVISION NO.	ECR NO.	DESCRIPTION	MARK	DATE

		DONG GUAN MOARCONN ELECTRONIC Co., Ltd.			
		PRODUCT NAME : SD4.0 Bottom H2.90 Non-push	DRAWING: pure	DATE: 2020.07.06	
DIMENSIONS INIT: mm UNLESS OTHERWISE SPECIFIABLE		PRODUCT NO. : SD290-T1250-01	CHECK:	DATE:	
DIMENSION TOLERANCE X.X: $\pm$ 0.35 X.XX: $\pm$ 0.20 X.XXX: $\pm$ 0.10 ANGULAR: $\pm$ 2'		DRAWING NO. : D-SD290-T1250-01	APPROVED:	DATE:	
			SCALE: 1:1	DWG ID: C D	REV.: B
				PAGE: 1 OF 1	