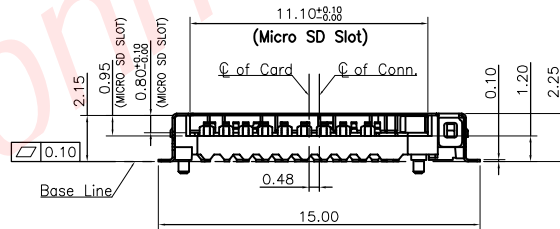
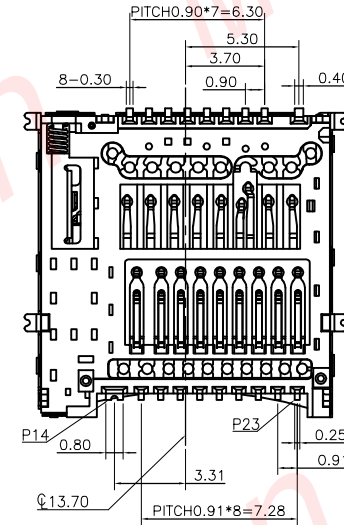
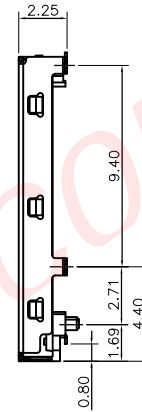
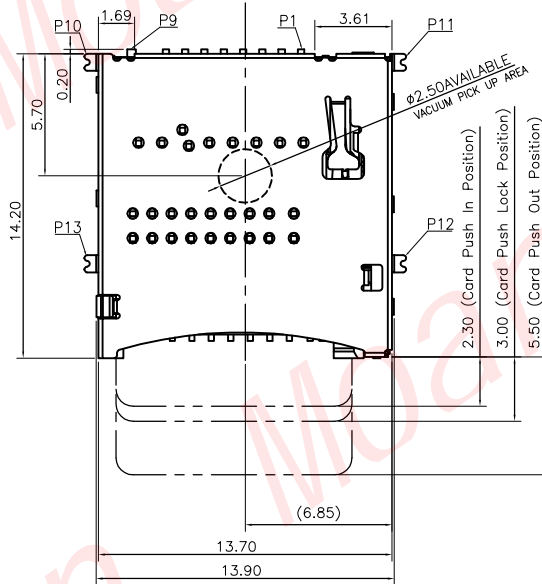
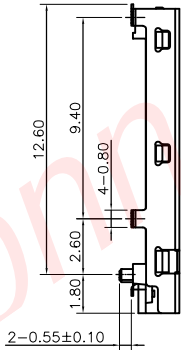
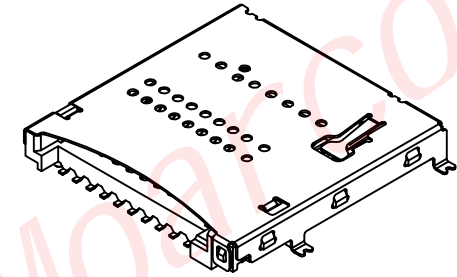
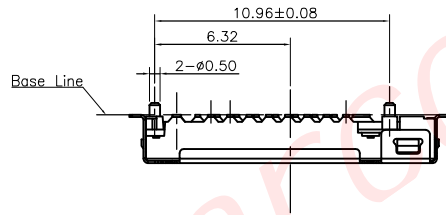


All materials, plating and process meet HF requirements.



		DONG GUAN MOARCONN ELECTRONIC Co., Ltd.					
		PRODUCT NAME : MicroSD 7.1 H2.25 push-push	DRAWING: Aaron	DATE: 2024.05.07			
DIMENSIONS INIT: mm UNLESS OTHERWISE SPECIFIABLE		PRODUCT NO. : MC225-T2250-10	CHECK:	DATE:			
DIMENSION TOLERANCE X.X: ± 0.35 X.XX: ± 0.20 X.XXX: ± 0.10 ANGULAR: ± 2'		DRAWING NO. : D-MC225-T2250-10	APPROVED:	DATE:			
				SCALE: 1:1	DWG ID: C D	REV.: X0	PAGE: 1 OF 2

X0	----	NEW RELEASE	FAJI	2023.04.17
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A

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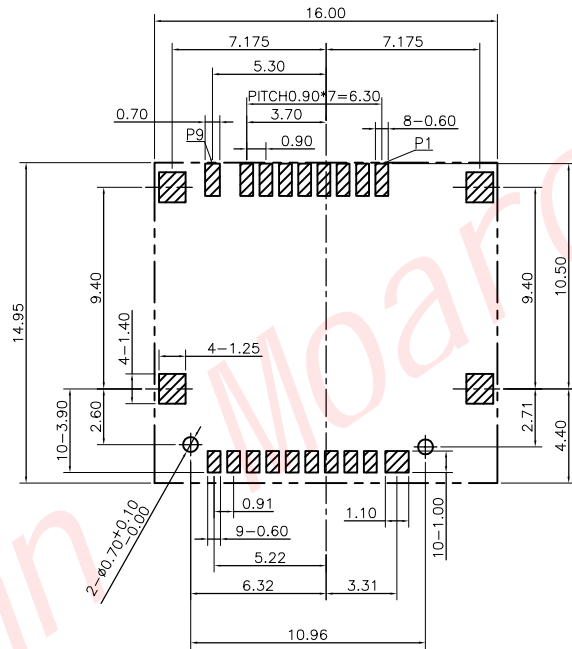
C

D

E

F

All materials, plating and process meet HF requirements.



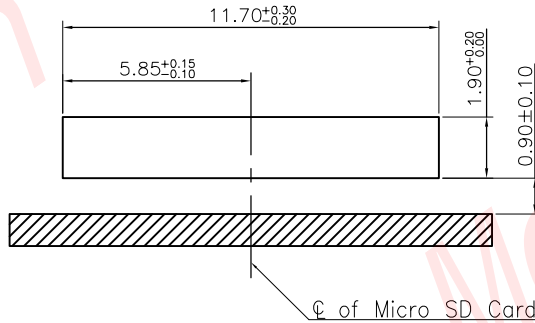
Recommended PCB Layout
Top View (Tolerance ±0.05)

Pad Area

OTHER COMPONENT KEEPOUT AREA

	Card Detect Switch
Card Uninsertion	Open
Card Half Insertion	Open
Card Insertion	Close

Open	Close



Recommended ID Dimension

Pin No.	Pin Assignment
P1	Micro SD DAT2
P2	Micro SD CD/DAT3
P3	Micro SD CMD
P4	Micro SD VDD1
P5	Micro SD CLK
P6	Micro SD VSS
P7	Micro SD DAT0/RCLK+
P8	Micro SD DAT1/RCLK-
P9	Micro SD CD
P10	GND
P11	GND
P12	GND
P13	GND
P14	GND
P15	Micro SD VDD2
P16	Micro SD SWIO
P17	Micro SD VSS
P18	Micro SD D0+
P19	Micro SD D0-
P20	Micro SD VSS
P21	Micro SD D1-
P22	Micro SD D1+
P23	Micro SD VSS

Note:

1. Material:

- 1-1. Plastic: LCP, S470, Black, UL94V-0
- 1-2. Contact: C5210
- 1-3. Shell: SUS304

2. Plating:

2-1. Contact:

Contact Area: Au 3u" min. Plating Over Ni 50u" min.
Solder tail: Matted TIN 80u" min. Over Ni 50u" min.

2-2. Shell:

Solderability Ni 50u" min. Over All

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

MOARCONN <small>MORE CONNECTIONS SMART FUTURE</small>		DONG GUAN MOARCONN ELECTRONIC Co., Ltd.			
DIMENSIONS INIT: mm UNLESS OTHERWISE SPECIFIABLE DIMENSION TOLERANCE X.X: ± 0.35 X.XX: ± 0.20 X.XXX: ± 0.10 ANGULAR: ± 2'	PRODUCT NAME :	MicroSD 7.1 H2.25 push-push	DRAWING:	Aaron	DATE: 2024.05.07
	PRODUCT NO. :	MC225-T2250-10	CHECK:		DATE:
	DRAWING NO. :	D-MC225-T2250-10	APPROVED:		DATE:
			SCALE:	DWG ID:	REV.:
		1.5:1	C D	X0	2 OF 2

X0	----	NEW RELEASE	FAJI	2023.04.17
REVISION NO.	ECR NO.	DESCRIPTION	MARK	DATE