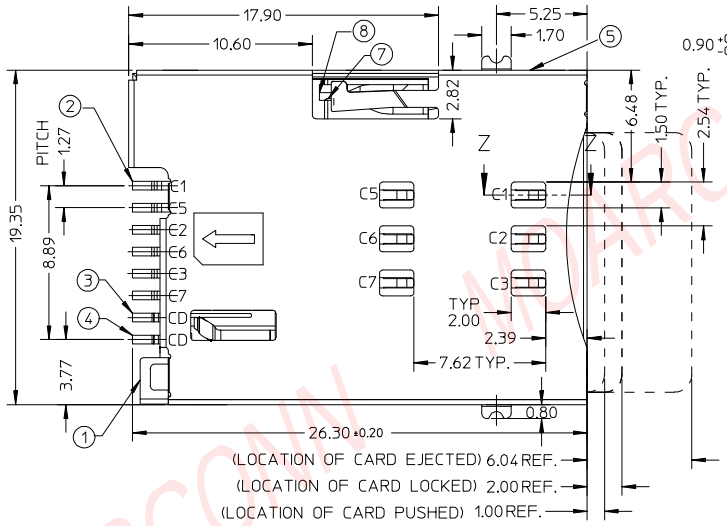
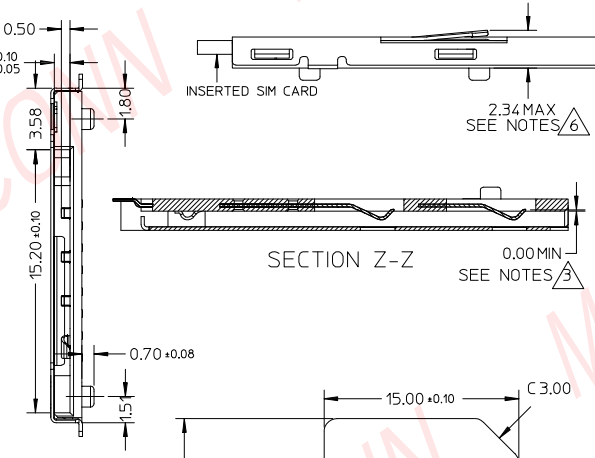
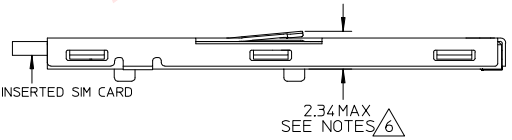
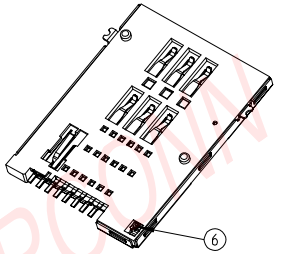
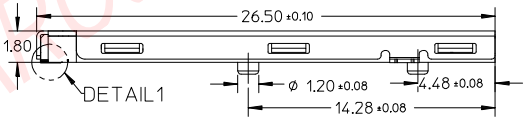
All materials,plating and process meet HF requirements.

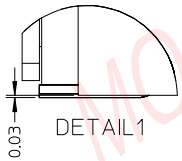


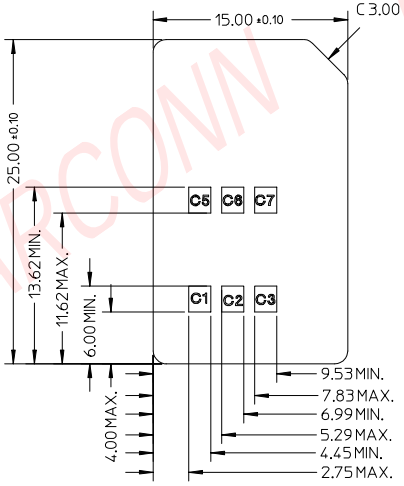




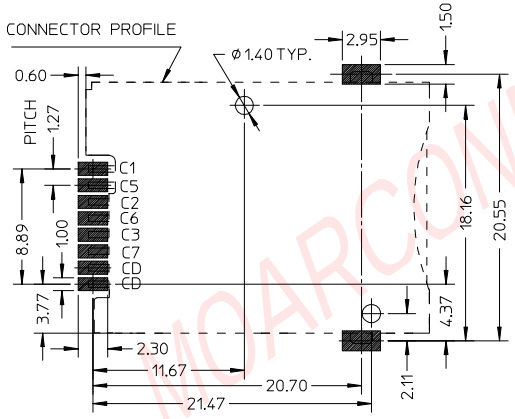








APPLICABLE CARD SIZE
THICKNESS:0.76+/-0.08



RECOMMENDED PCB LAYOUT
TOLERANCE +/-0.05MM

NOTES:
1 FINISH:
1-1 TERMINAL :
50~200μ" NICKEL UNDER PLATED
30μ" MIN GOLD PLATING ON CONTACT AREA
3μ" MIN GOLD FLASH ON SOLDERING AREA
1-2 SHELL :
50~200μ"NICKEL UNDER PLATED
3μ" MIN GOLD FLASH ON SOLDERING AREA
1-3 DETECT PIN :
50~200μ" NICKEL UNDER PLATED
30μ" MIN GOLD PLATING ON CONTACT AREA
3μ" MIN GOLD FLASH ON SOLDERING AREA
1-4 HOUSING:G/F 45%,UL94V-0,BLACK
1-5 HEART CAM :G/F 30%,UL94V-0,BLACK
2 SOLDER TAIL COPLANARITY:0.08MM MAX.
3 TERMINAL TIP MUST SINK INTO HOUSING
4 PRODUCT COMPLIANT TO ROHS DIRECTIVE 2002/95/EC AND ELV DIRECTIVE 2000/53/EC
5 DETECT SWITCH: INSERT CARD=ON (NORMAL=OPEN)
6 SPRING RISE UP DURING PUSH-PUSH PERIOD

CD—CD CARD INSERTED
CD CD WITHOUT CARD

NO.	DESCRIPTION	Q'TY	MATERIAL
1	HOUSING	1	HIGH TEMPERATURE THERMOPLASTIC
2	TERMINAL	6	COPPER ALLOY
3	DETECT PIN LOWER	1	COPPER ALLOY
4	DETECT PIN UPPER	1	COPPER ALLOY
5	SHELLL	1	STAINLESS STEEL
6	COIL SPRING	1	PIANO WIRE
7	HEART CAM	1	NYLON
8	CAM PIN	1	STAINLESS STEEL

REVISION NO.	ECR NO.	DESCRIPTION	MARK	DATE
X0	--------	NEW RELEASE	Zhangli	2025.1.4

MOARCONN®
More Connections Smart Future

DIMENSIONS INIT: mm
UNLESS OTHERWISE SPECIFIABLE

DIMENSION	TOLERANCE
X.X: ±	0.10
X.XX: ±	0.05
X.XXX: ±	0.02
ANGULAR: ±	1°

DONG GUAN MOARCONN ELECTRONIC Co.,Ltd.

PRODUCT NAME : SIM Card H1.8 push-push SMT	DRAWING: Zhangli	DATE: 2025.1.4	
PRODUCT NO. : SM180-T6153-01-W	CHECK: /	DATE: /	
DRAWING NO. : D-SM180-T6153-01-W	APPROVED:	DATE:	
	SCALE: 1:1	DWG ID: P D	REV.: X0	PAGE: 1 OF 1

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