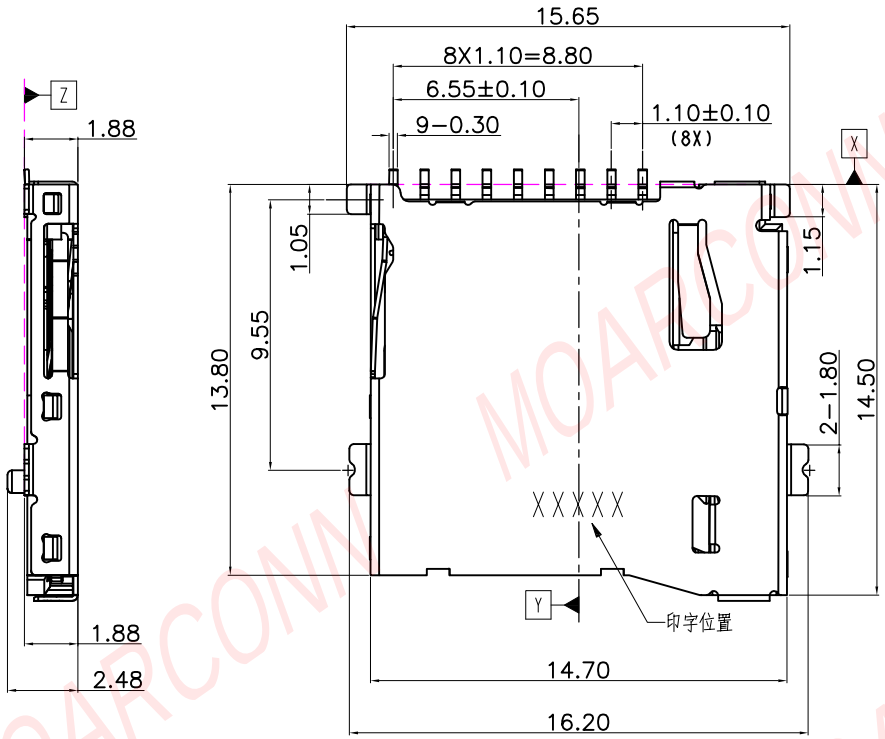
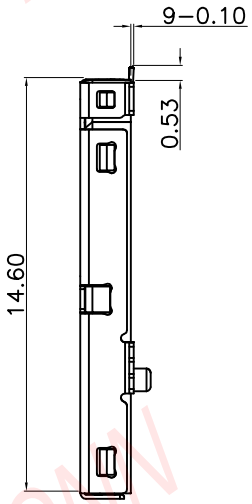
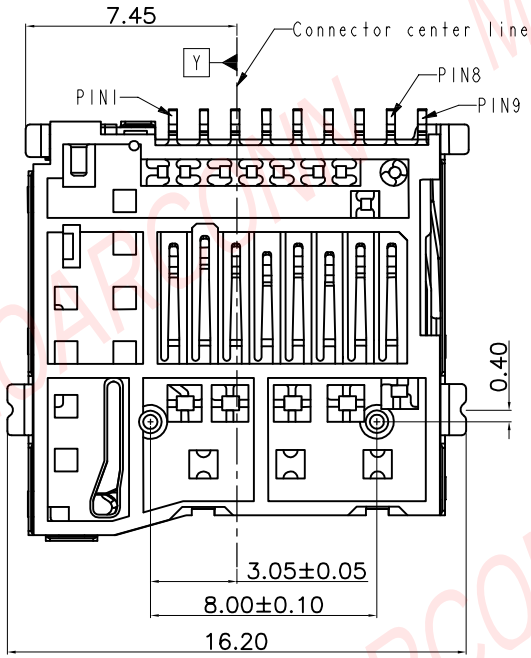
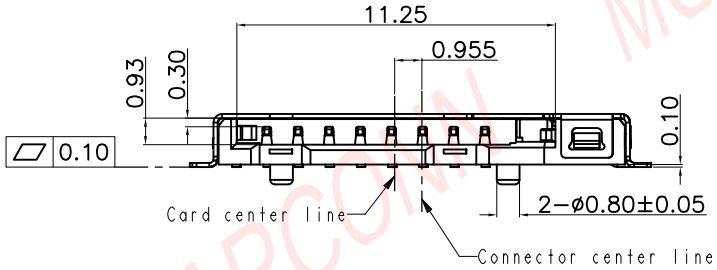
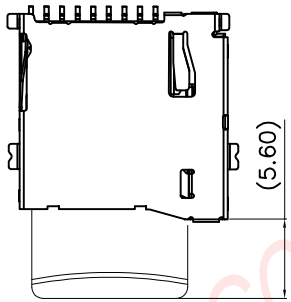
All materials, plating and process meet HF requirements.



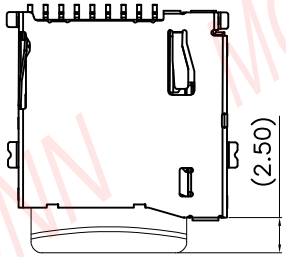




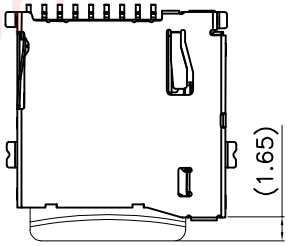




Card Push Out



Card Working



Card Push In

MOARCONN®
More Connections Smart Future

DONG GUAN MOARCONN ELECTRONIC Co., Ltd.

DIMENSIONS INIT: mm
UNLESS OTHERWISE SPECIFIABLE

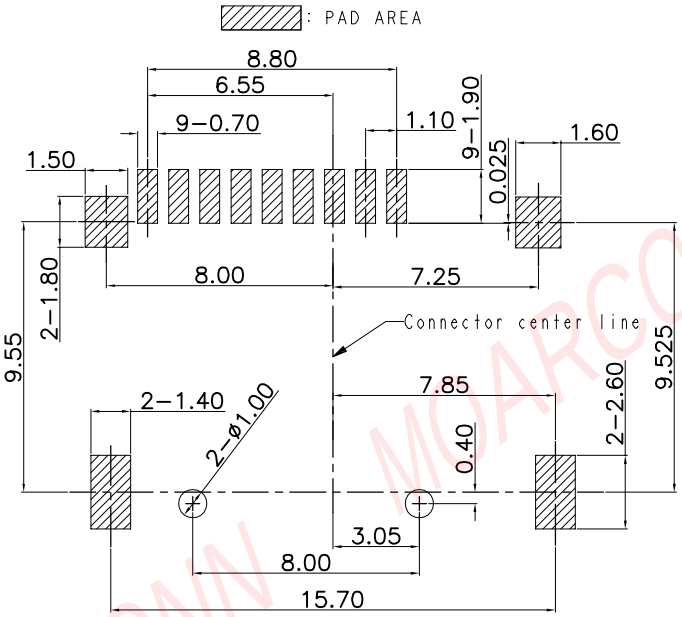
DIMENSION	TOLERANCE
X.X: ±	0.35
X.XX: ±	0.25
X.XXX: ±	0.10
ANGULAR: ±	2°

PRODUCT NAME : Micro SD P-P H1.85	DRAWING: Aaron	DATE: 2026.05.06
PRODUCT NO. : MC185-T1250-40	CHECK:	DATE:
DRAWING NO. : D-MC185-T1250-40	APPROVED:	DATE:
	SCALE: 1:1 / DWG ID: C D / REV.: X0	PAGE: 1 OF 2

REVISION NO.	ECR NO.	DESCRIPTION	MARK	DATE
X0	----	NEW RELEASE	Aaron	2026.05.06

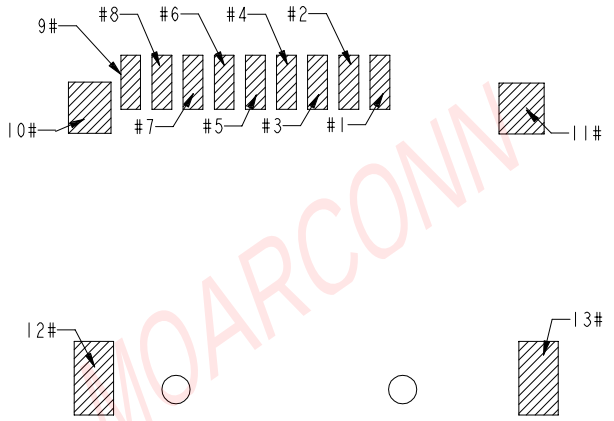
MOARCONN

All materials, plating and process meet HF requirements.



RECOMMENDED P.C.B LAYOUT

(GENERAL TOLERANCE ±0.05)



PIN ASSIGNMENTS

Pin No.	Name	Description
#1	DAT2	Data Line
#2	CD/DAT3 [2]	Card Detect/Data Line
#3	CMD	Command/Response
#4	VDD	Supply voltage
#5	CLK	Clock
#6	Vss	Supply voltage ground
#7	DAT0	Data Line
#8	DAT1	Data Line
#9	CD	CARD Detect
#10/#11 #12/#13	GND	GND

NOTE:

1.MATERIAL:

1-1 PLASTICS: HEAT RESISTANCE POLYMER, UL94V-0,COLOR:BLACK

1-2 CONTACT: COPPER ALLOY

1-3 SHELL; STAINLESS STEEL

2.PLATING:

2-1 CONTACT:

2-1-1: CONTACT AREA: Au 1u" PLATING OVER Ni.

2-1-2: SOLDERTAIL AREA: MATTE TIN 80u" MIN. OVER Ni 50u" MIN.

X1 2-2 SHELL: SOLDERABILITY Ni 50u" MIN. PLATING OVER ALL

X1 3.INSERTION/EXTRACTION FORCE: INSERTION：40N MAX; EXTRACTION：0.5-40N.

4.DURABILITY：5000 Cycles.

5.CONTACT AND TAIL COPLANARITT TO BE 0.10mm MAX.

6.RECOMMENDING A METAL MORE THAN 0.10 THICK.
PLEASE CONFIRM SOLDILITY, IF USE A METAL MASK LESS THAN 0.10mm THICK.

7.PRODUCT PACKING: PLEASE REFER TO THE PACKING REGULATION

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X0	----	NEW RELEASE	Aaron	2026.05.06

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DIMENSIONS INIT: mm

UNLESS OTHERWISE SPECIFIABLE

DIMENSION	TOLERANCE
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			PAGE: 2 OF 2

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