

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			NEW RELEASE	08/01'25	Pei

ORDERING INFORMATION

M2G4M - 400 (XX R)

① ② ③ ④

① PRODUCT SERIES:

M.2<NGFF> M KEY/ GEN4 Series.

② Height: 4.00mm

CUSTOMER DRAWING

RoHS Compliant

③ PLATING :

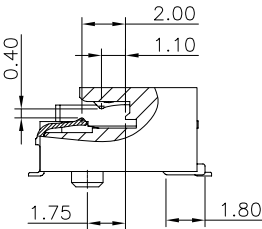
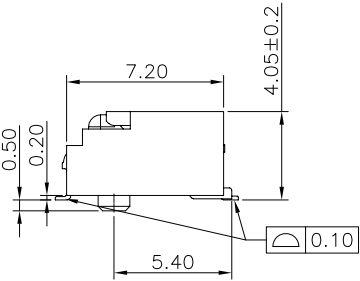
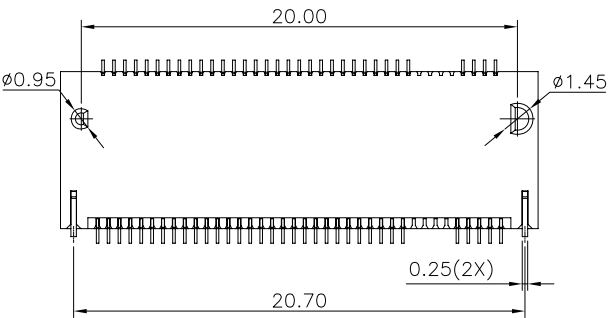
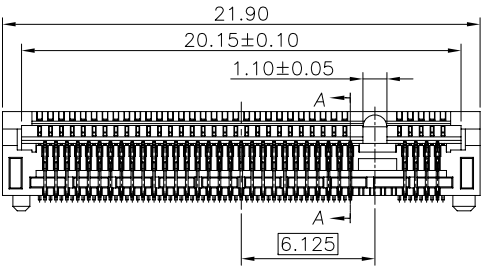
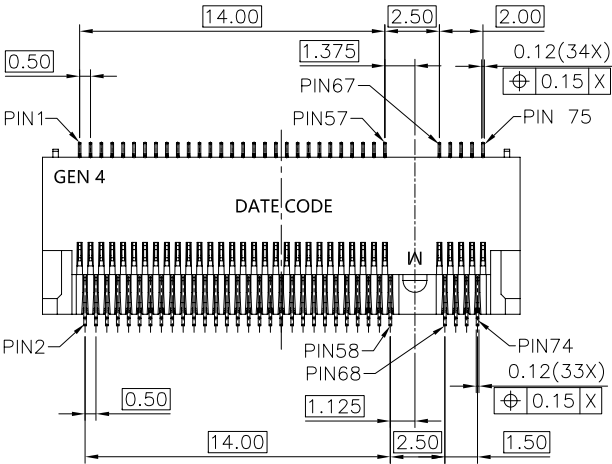
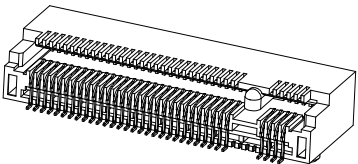
01: G/F.

05: 5u".

④ PACKING :

R: Reel.

3D VIEW



NOTES:

- 1.MATERIAL:
1-1 CONTACT: COPPER ALLOY.
1-2 HOUSING: HIGH TEMP, UL94V-0.
1-3 METAL TAB: STAINLESS STEEL.
1-4 GROUND BAR: STAINLESS STEEL.
- 2.PLATING:
CONTACT: GOLD OVER NICKEL UNDER-PLATED OVERALL.
- 3.MECHANICAL PERFORMANCE
3-1 INSERTION FORCE: 25 N MAXIMUM
3-2 DURABILITY: 60 CYCLES
- 4.ELECTRICAL PERFORMANCE
4-1 VOLTAGE RATING: DC 50V PER PIN.
4-2 CURRENT RATING: 0.5 AMPERE MAX. PER PIN.
4-3 LLCR: 55 MILLIOHMS MAX. PER PIN INITIAL, AFTER DRUABYLITY CHANGE OF ALL PINS: 20mΩ MAX. PER PIN
4-4 INSULATION RESISTANCE: 500MΩ MIN. AT 500V DC
4-5 DIELECTRIC WITHSTAND VOLTAGE: AC 300V FOR 1 MINUTE.
- 5.ENVIRONMENTAL PERFORMANCE
5-1 OPERATING TEMPERATURE: -40°C~+80°C.
5-2 WELDING METHODS:IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD
SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

SUNFUN			SUNFUN TECHNOLOGY LTD		
DRAW NO.	M2G4M-400(A0)	DATE	MATERIAL: SEE NOTES	DRAW NAME:	
DESIGN:	Pei	08/01'25	FINISH: SEE NOTES	M.2(NGFF) M KEY/ GEN4 Series: Height 4.00mm	
CHECK:	Pei	08/01'25	FILE: M2G4M-400(A0)	MODEL: M.2(NGFF)	
REVIEW:	Frank	08/01'25	P/N: M2G4M-400(XXR)	UNIT:	SHEET:
APPROVED	Frank	08/01'25	REV. A0 SCALE	mm	1/3

DIM	TOL	DIM	TOL
X.X	±0.35	X.X"	±3.0"
X.XX	±0.25	X.XX"	±2.0"
X.XXX	±0.15	X.XXX"	±1.0"

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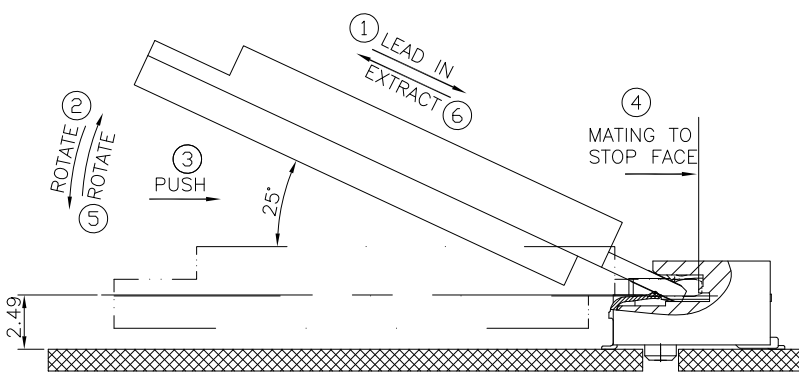
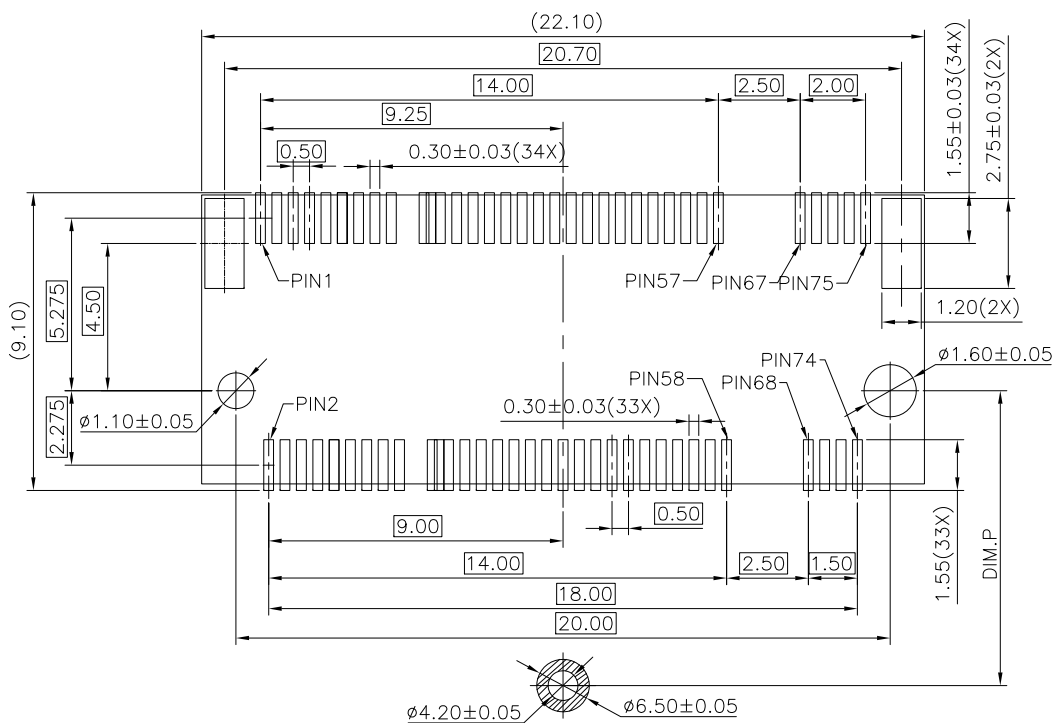
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MATE AND EXTRACT METHOD

MATE: ① → ② → ③ → ④

EXTRACT: ⑤ → ⑥

NOTE: MATING FORCE WILL GENERATE

FROM STEP ③ TO STEP ④

RECOMMENDED PCB LAYOUT(TOP VIEW)

DEFAULT TOLERANCE:±0.05

SCALE 1.5:1

22110	108.25
2280	78.25
2260	58.25
2242	40.25
2230	28.25
3042	40.25
3030	28.25
TYPE	DIM P

DIM	TOL	DIM	TOL
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APPROVED	Frank	08/01'25	REV. A0	SCALE	UNIT: mm
					SHEET: 2/3

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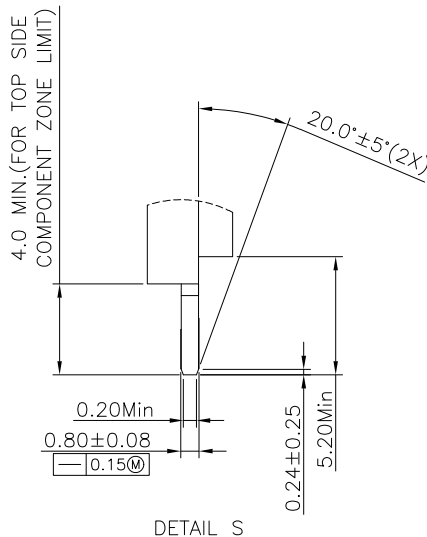
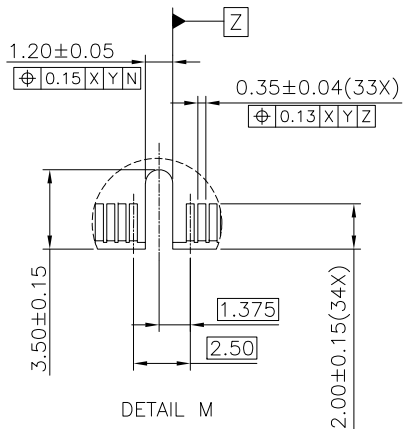
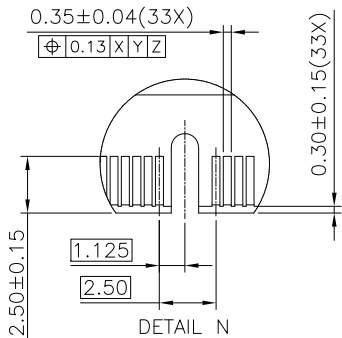
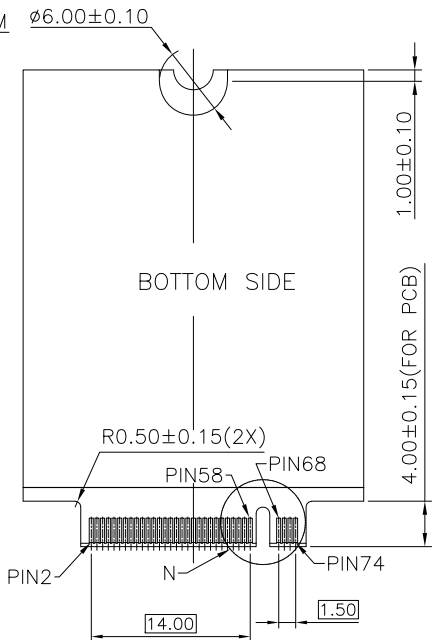
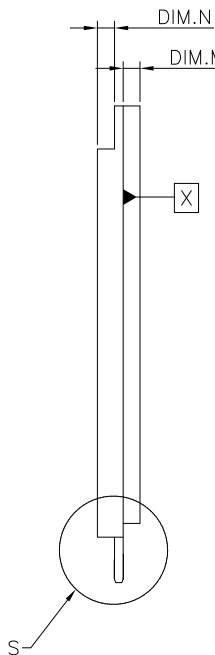
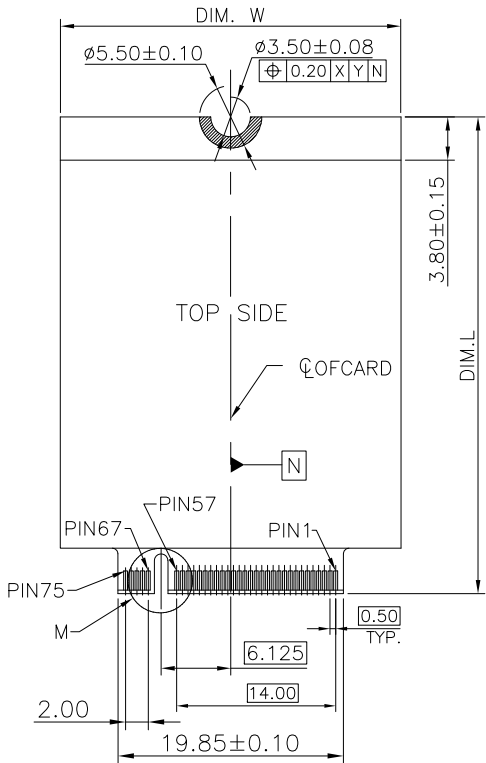
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TYPE XX XX-XX-X

KEY ID

COMPONENT MAX HEIGHT(mm)		
	DIM.N	DIM.M
S1	1.2	0
S2	1.35	0
S3	1.5	0
S4	1.75	0
S5	2.0	0
D1	1.2	1.35
D2	1.35	1.35
D3	1.5	1.35
D4	1.5	0.7
D5	1.5	1.5

LENGTH(mm)	30
DIM.L	42
	60
	80
	110
WIDTH(mm)	22
DIM.W	30

DIM	TOL	DIM	TOL
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APPROVED	Frank	08/01'25	REV. A0	SCALE	UNIT: mm
					SHEET: 3/3