

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			NEW RELEASE	05/10'25	Pei

ORDERING INFORMATION

M2G3E - 400 (XX R)

1 2 3 4

1 PRODUCT SERIES:

M.2<NGFF> E KEY/ GEN3 Series.

2 Height: 4.00mm

CUSTOMER DRAWING

RoHS Compliant

3 PLATING :

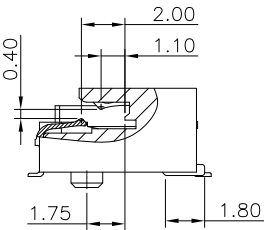
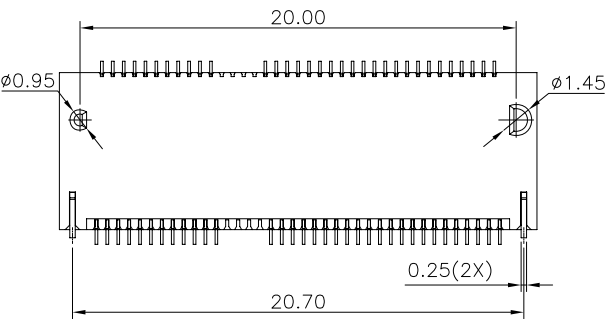
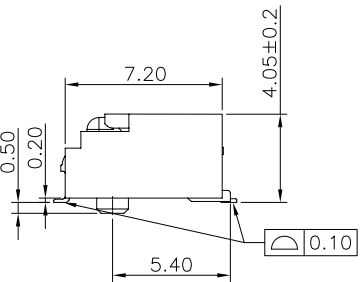
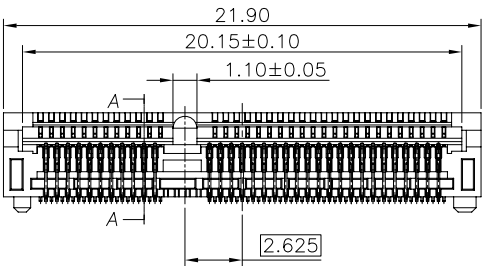
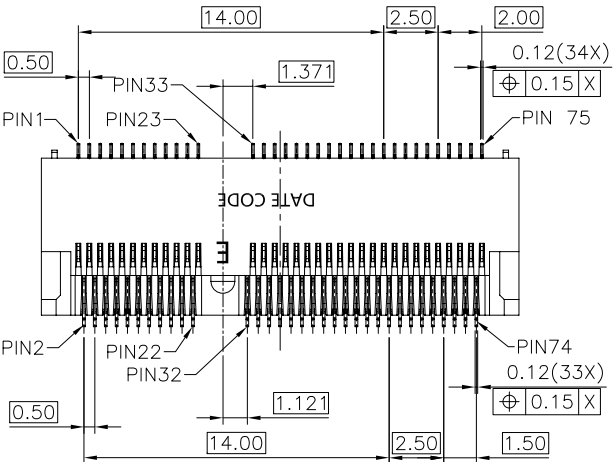
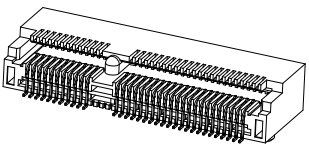
01: G/F.

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.	M2G3E-400(A0)	DATE	MATERIAL: SEE NOTES	DRAW NAME:	
DESIGN:	Pei	05/10'25	FINISH: SEE NOTES	M.2<NGFF> E KEY/ GEN3 Series: Height 4.00mm	
CHECK:	Pei	05/10'25	FILE: M2G3E-400(A0)	MODEL: M.2<NGFF>	
REVIEW:	Frank	05/10'25	P/N: M2G3E-400(XXR)	UNIT:	SHEET:
APPROVED	Frank	05/10'25	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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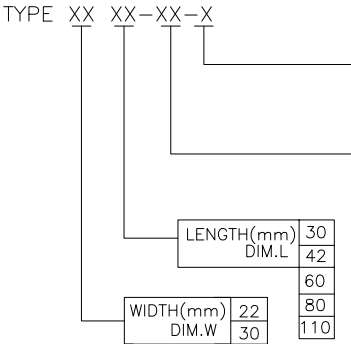
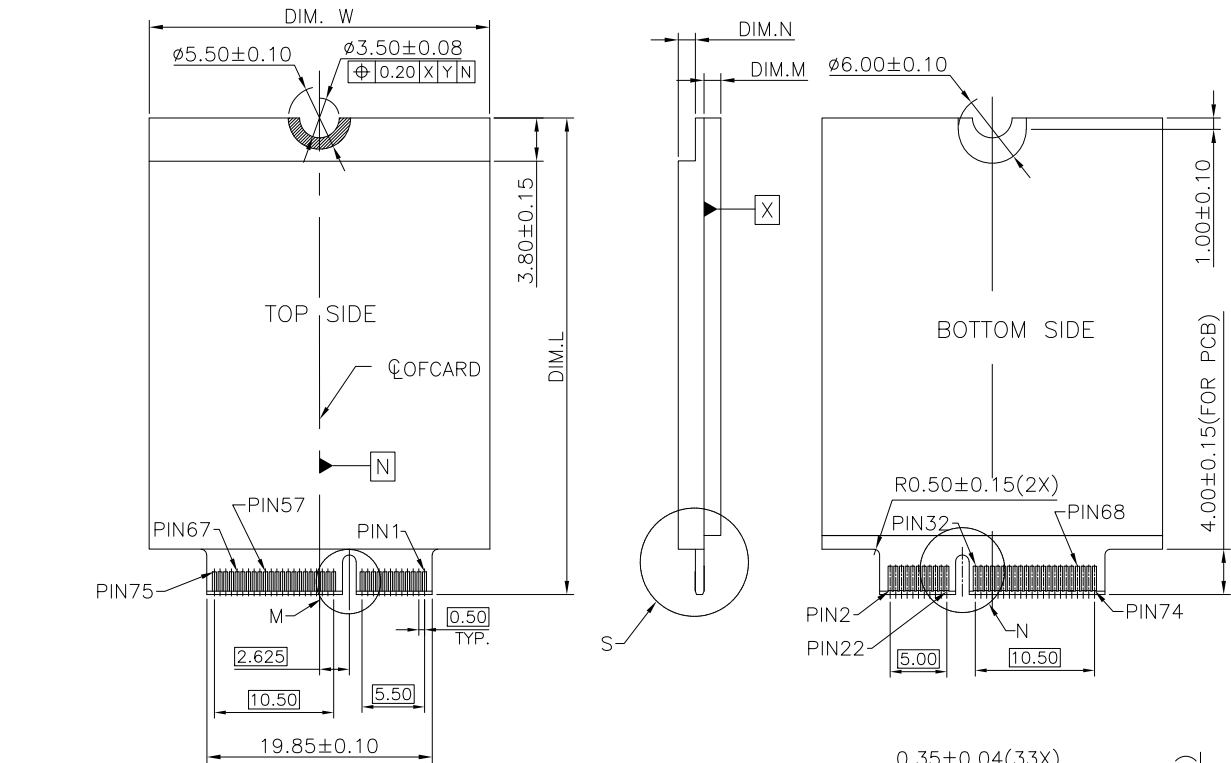
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- 2 Height: 4.00mm

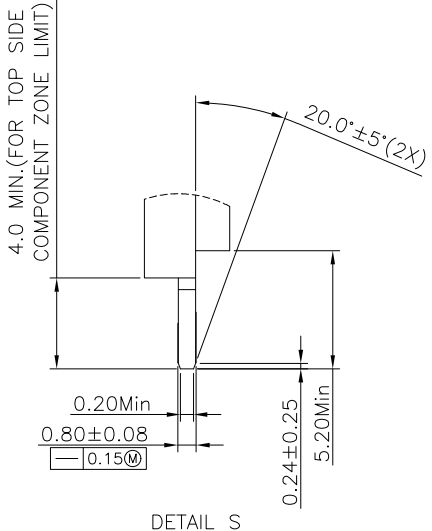
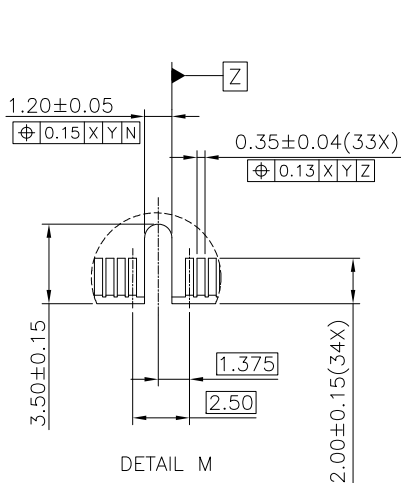
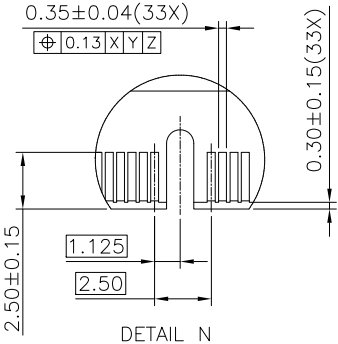
CUSTOMER DRAWING

RoHS Compliant

- 3 PLATING :
01: G/F.
05: 5u".
- 4 PACKING :
R: Reel.



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



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