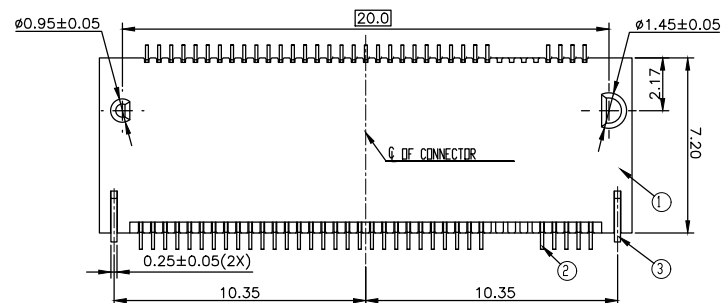
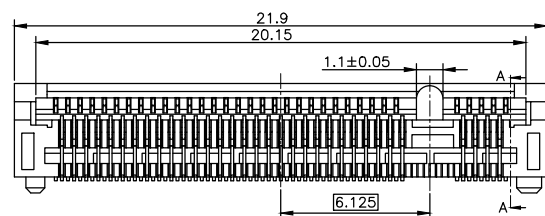
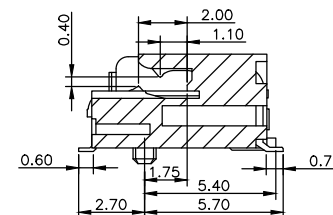


SECTION A-A



PART NO.
12HN-F03B-A822MR

NAMEFF TYPE
03LCP

B-BLACK

REEL
GG/Fu' 14u' 55u' A10u' B45u' C30u'

FLOWING WATER CODE

NOTES:

1. ELECTRICAL CHARACTERISTICS:
 - 1.1 CONTACT CURRENT RATING: 0.5 AMPERE MAX. PER PIN.
 - 1.2 VOLTAGE RATING: 50V AC.
 - 1.3 INSULATION RESISTANCE: 500 MEGOHMS MIN. AT 500V DC.
 - 1.4 DIELECTRIC WITHSTANDING VOLTAGE: 300V AC RMS AT 60Hz FOR 1 MINUTE.
 - 1.5 CONTACT RESISTANCE: 55 MILLIOHMS MAX PER PIN INITIAL.
R=20 MILLIOHMS MAX PER PIN AFTER FULL ENVIRONMENT TESTING.
2. MECHANICAL CHARACTERISTICS: DURABILITY 60 MATING CYCLES.
3. OPERATION TEMPERATURE: -40°C TO +80°C.
4. RECOMMENDED PROCESS CONDITION: SMT, PEAK TEMPERATURE: 260°C, 10-20S.
5. Hf COMPLIANT

3	METAL TAB	STAINLESS STEEL (SUS)	2	10u" NICKEL UNDER PLATING 100u"MATTE TIN PLATING OVER ALL
2	CONTACT	PHOSPHOR BRONZE (C5210)	67	50u" NICKEL UNDER PLATING GOLD FLASH PLATING AT TAIL AREA GOLD FLASH OR 5u" GOLD PLATING OR 10u" GOLD PLATING OR 15u" GOLD PLATING OR 30u" GOLD PLATING AT CONTACT AREA
1	HOUSING	LCP	1	UL94V-0, HALDGEN FREE,BLACK COLOR

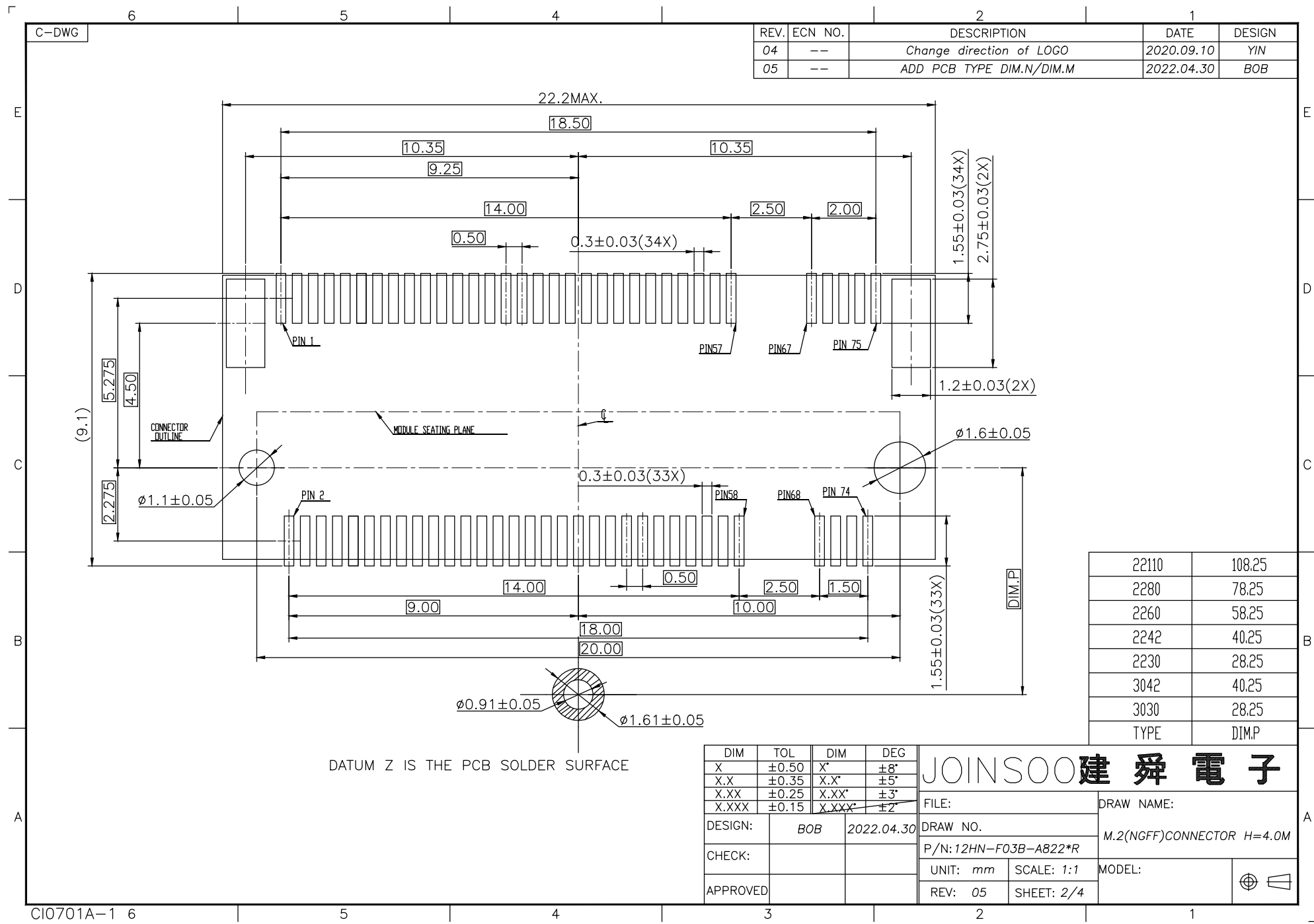
ITEM	DESCRIPTION	MATERIAL	Q'TY	TREATMENT
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DIM	TOL	DIM	DEG	JOINSOO建舜電子	
X	±0.50	X*	±8°	FILE:	DRAW NAME:
X.X	±0.35	X.X*	±5°		
X.XX	±0.25	X.XX*	±3°		
X.XXX	±0.15	X.XXX*	±2°		

DIM.Z MAX.(mm)	MODULE TYPE	X.XX	±0.25	X.XX*	±3*	FILE:	DRAW NAME:		
		X.XXX	±0.15	X.XXX*	±2*				
		DESIGN:	BOB	2022.04.30	DRAW NO.				
		CHECK:			P/N: 12HN-F03B-A822*R				
					UNIT: mm			SCALE: 1:1	
4.55	S1&D1	APPROVED				REV: 05	SHEET: 1/4	MODEL:	
4.70	S2&D2								
4.85	S3&D3&D4&D5								
5.10	S4								
5.35	S5								

JOINSOO建舜電子

FILE:	DRAW NAME:	
DRAW NO.	M.2(NGFF)CONNECTOR H=4.0M	
P/N: 12HN-F03B-A822*R		
UNIT: mm	SCALE: 1:1	MODEL:
REV: 05	SHEET: 1/4	



REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
04	--	Change direction of LOGO	2020.09.10	YIN
05	--	ADD PCB TYPE DIM.N/DIM.M	2022.04.30	BOB

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	DEG
X	±0.50	X°	±8°
X.X	±0.35	X.X°	±5°
X.XX	±0.25	X.XX°	±3°
X.XXX	±0.15	X.XXX°	±2°
DESIGN:	BOB	2022.04.30	
CHECK:			
APPROVED			

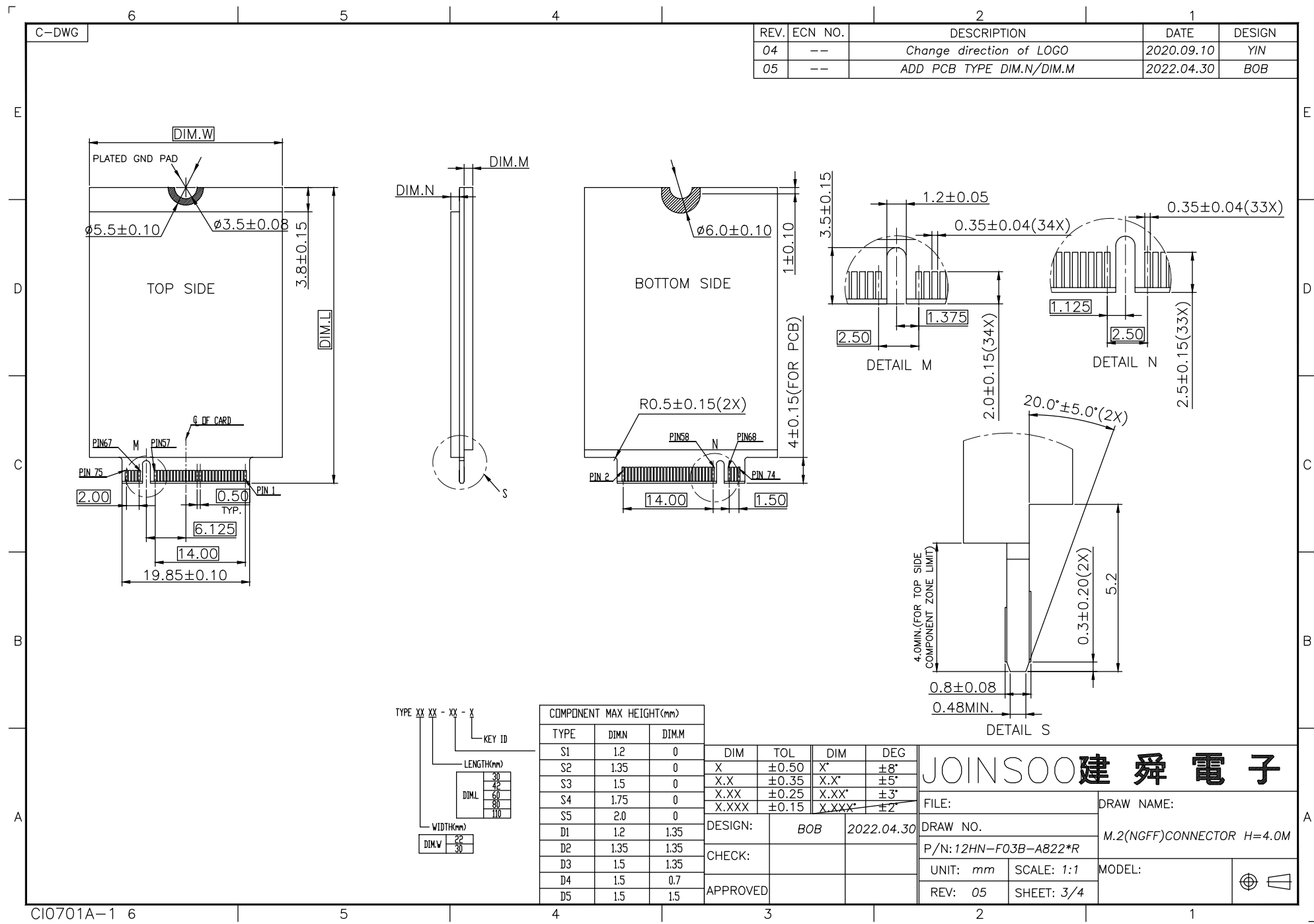
JOINSOO建舜電子

FILE: DRAW NAME: M.2(NGFF)CONNECTOR H=4.0M

DRAW NO. P/N: 12HN-F03B-A822*R

UNIT: mm SCALE: 1:1 MODEL:

REV: 05 SHEET: 2/4



REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
04	--	Change direction of LOGO	2020.09.10	YIN
05	--	ADD PCB TYPE DIM.N/DIM.M	2022.04.30	BOB

COMPONENT MAX HEIGHT<mm>		
TYPE	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

DIM	TOL	DIM	DEG
X	±0.50	X°	±8°
X.X	±0.35	X.X°	±5°
X.XX	±0.25	X.XX°	±3°
X.XXX	±0.15	X.XXX°	±2°
DESIGN:	BOB	2022.04.30	
CHECK:			
APPROVED			

JOINSOO建舜電子	
FILE:	DRAW NAME:
DRAW NO.	M.2(NGFF)CONNECTOR H=4.0M
P/N: 12HN-F03B-A822*R	
UNIT: mm	SCALE: 1:1
REV: 05	SHEET: 3/4
MODEL:	

