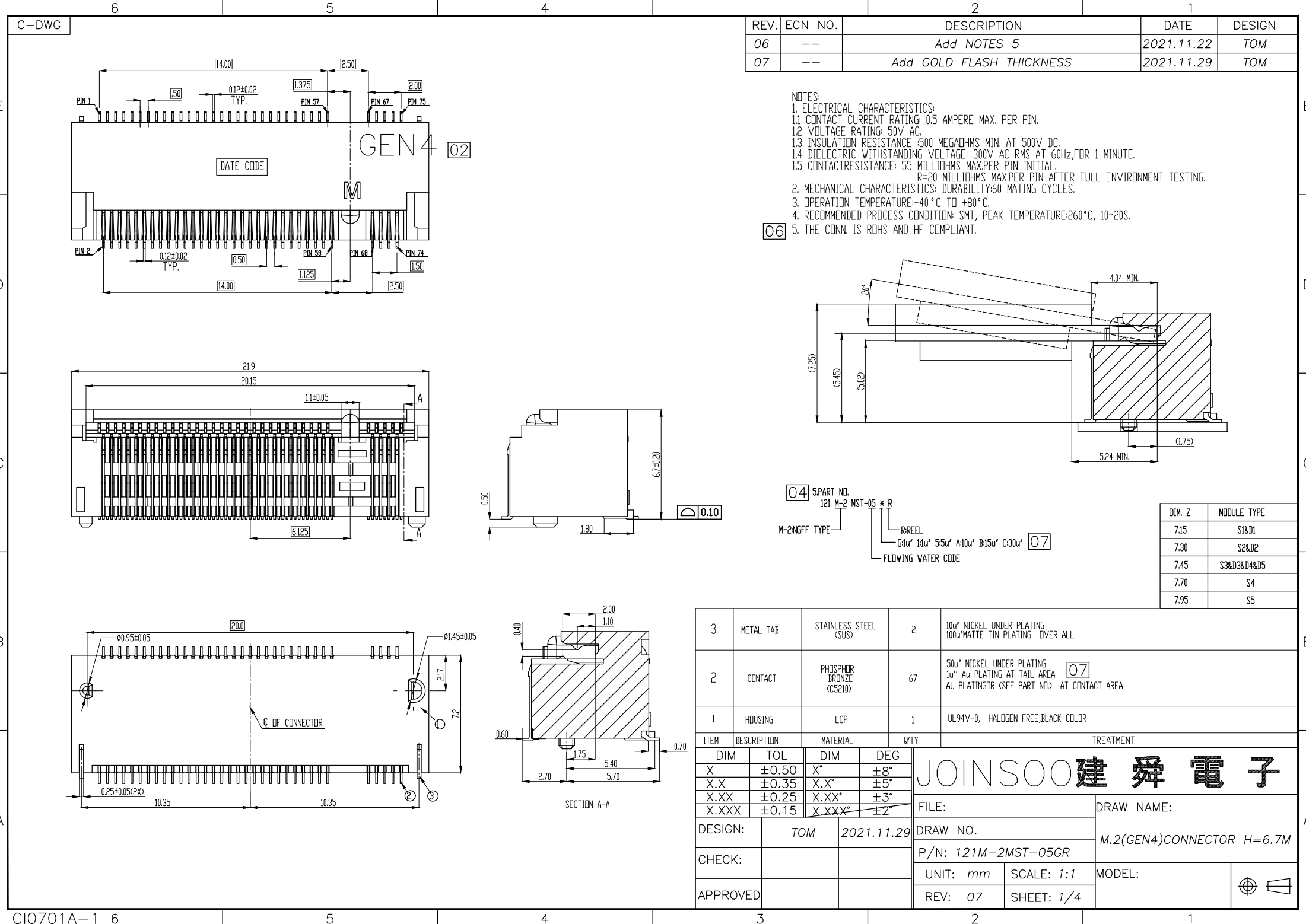




REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
06	---	Add NOTES 5	2021.11.22	TOM
07	---	Add GOLD FLASH THICKNESS	2021.11.29	TOM

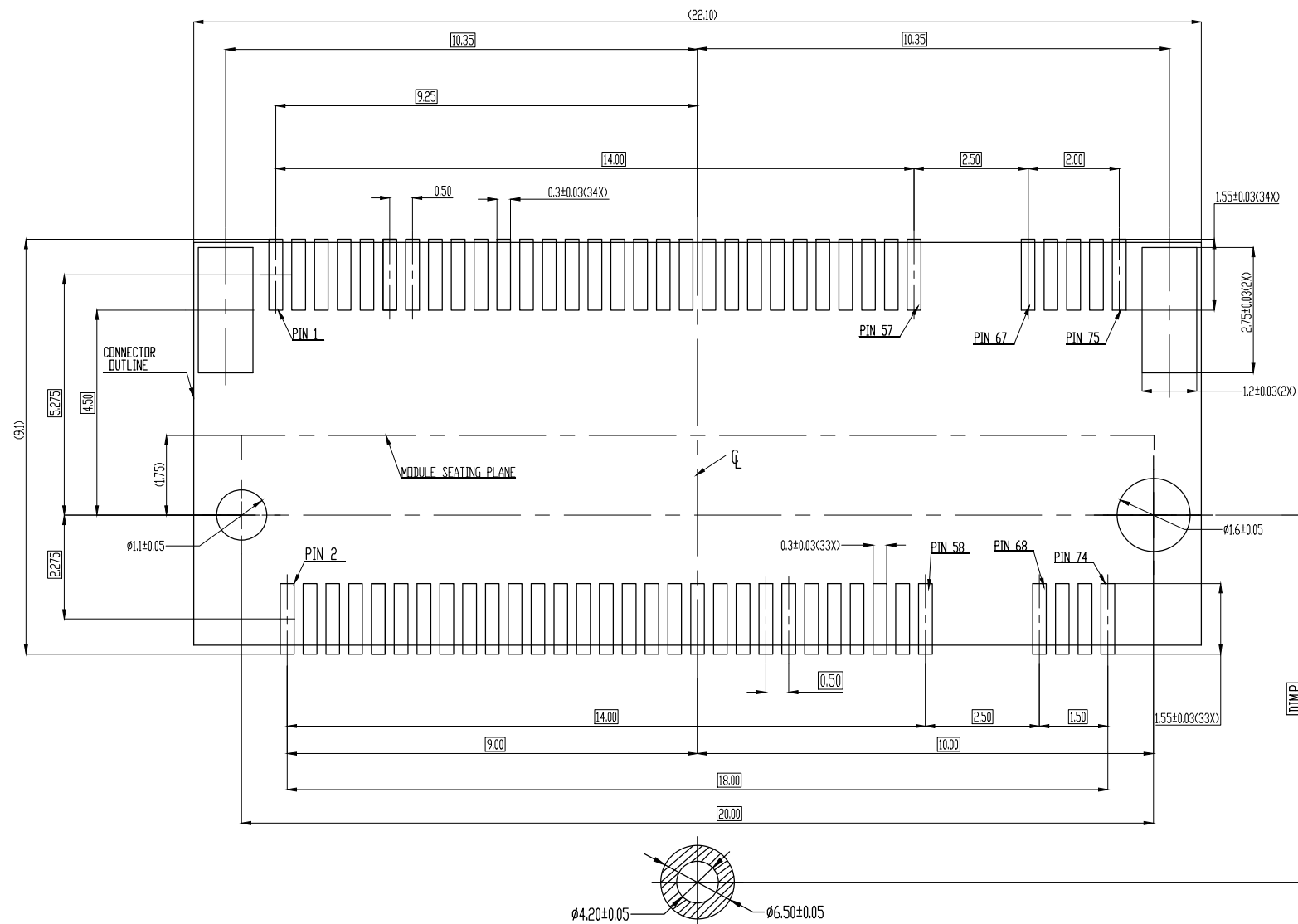
NOTES:
1. ELECTRICAL CHARACTERISTICS:
1.1 CONTACT CURRENT RATING: 0.5 AMPERE MAX. PER PIN.
1.2 VOLTAGE RATING: 50V AC.
1.3 INSULATION RESISTANCE: 500 MEGOHMS MIN. AT 500V DC.
1.4 DIELECTRIC WITHSTANDING VOLTAGE: 300V AC RMS AT 60Hz FOR 1 MINUTE.
1.5 CONTACT RESISTANCE: 55 MILLIOHMS MAX PER PIN INITIAL.
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. THE CONN. IS ROHS AND HF COMPLIANT.

04 SPART NO.
121 M-2 MST-05 * R
M-2NGFF TYPE
R REEL
G1u' 11u' 55u' A10u' B15u' C30u' 07
FLOWING WATER CODE

DIM. Z	MODULE TYPE
7.15	S1&D1
7.30	S2&D2
7.45	S3&D3&D4&D5
7.70	S4
7.95	S5

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 1u" Au PLATING AT TAIL AREA 07 AU PLATING OR (SEE PART NO.) AT CONTACT AREA			
1	HOUSING	LCP	1	UL94V-0, HALOGEN FREE,BLACK COLOR			
ITEM	DESCRIPTION	MATERIAL	Q'TY	TREATMENT			
DIM	TOL	DIM	DEG	JOINSOO建舜電子			
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:	TOM		2021.11.29	FILE:	DRAW NAME:		
CHECK:				DRAW NO.	M.2(GEN4)CONNECTOR H=6.7MM		
				P/N: 121M-2MST-05GR			
APPROVED				UNIT: mm	SCALE: 1:1	MODEL:	
				REV: 07	SHEET: 1/4		

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
06	--	Add NOTES 5	2021.11.22	TOM
07	--	Add GOLD FLASH THICKNESS	2021.11.29	TOM



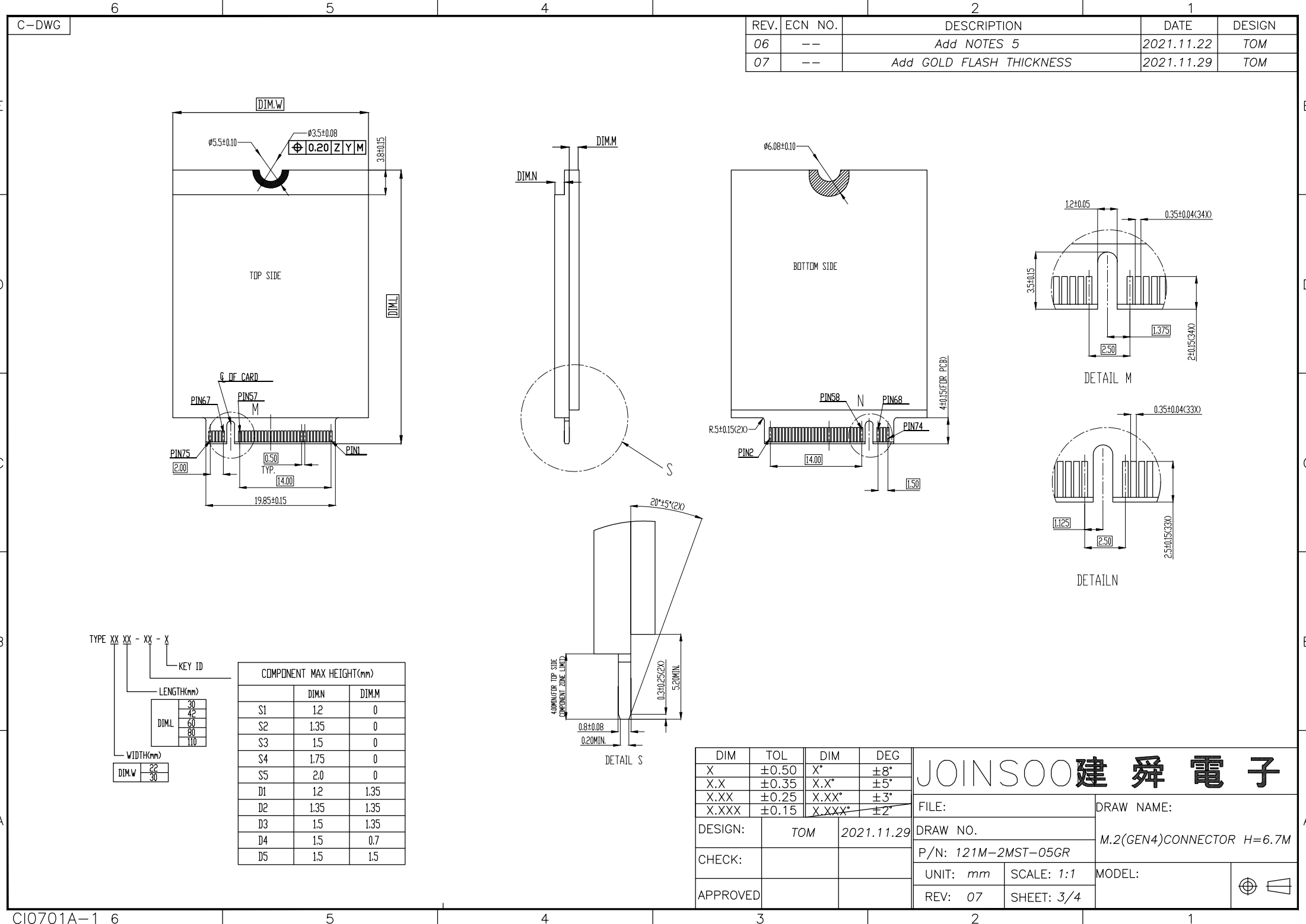
22110	107.6
2280	77.6
2260	57.6
2242	39.6
2230	27.6
3042	39.6
3030	27.6
TYPE	DIMP

DATUM Z IS THE PCB SOLDER SURFACE

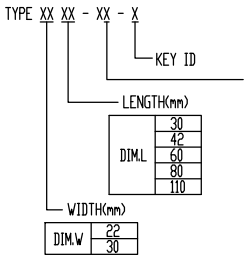
DIM	TOL	DIM	DEG
X	±0.50	X°	±8°
X.X	±0.35	X.X°	±5°
X.XX	±0.25	X.XX°	±3°
X.XXX	±0.15	X.XXX°	±2°
DESIGN:	TOM	2021.11.2	
CHECK:			
APPROVED			

JOINSOO建舜電子

FILE:	DRAW NAME:	
DRAW NO.	M.2(GEN4)CONNECTOR H=6.7M	
P/N: 121M-2MST-05GR		
UNIT: mm	SCALE: 1:1	MODEL:
REV: 07	SHEET: 2/4	

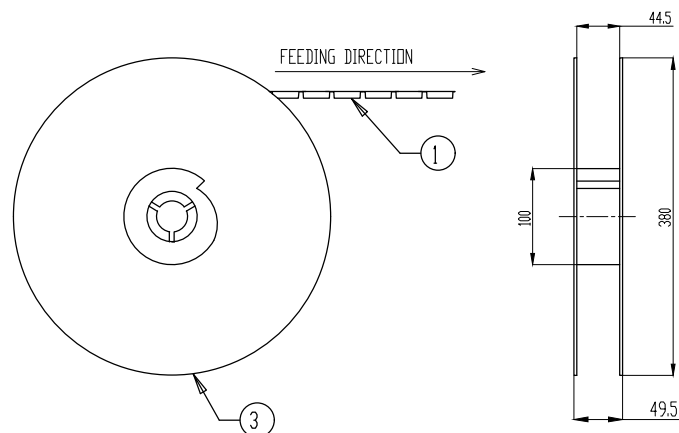
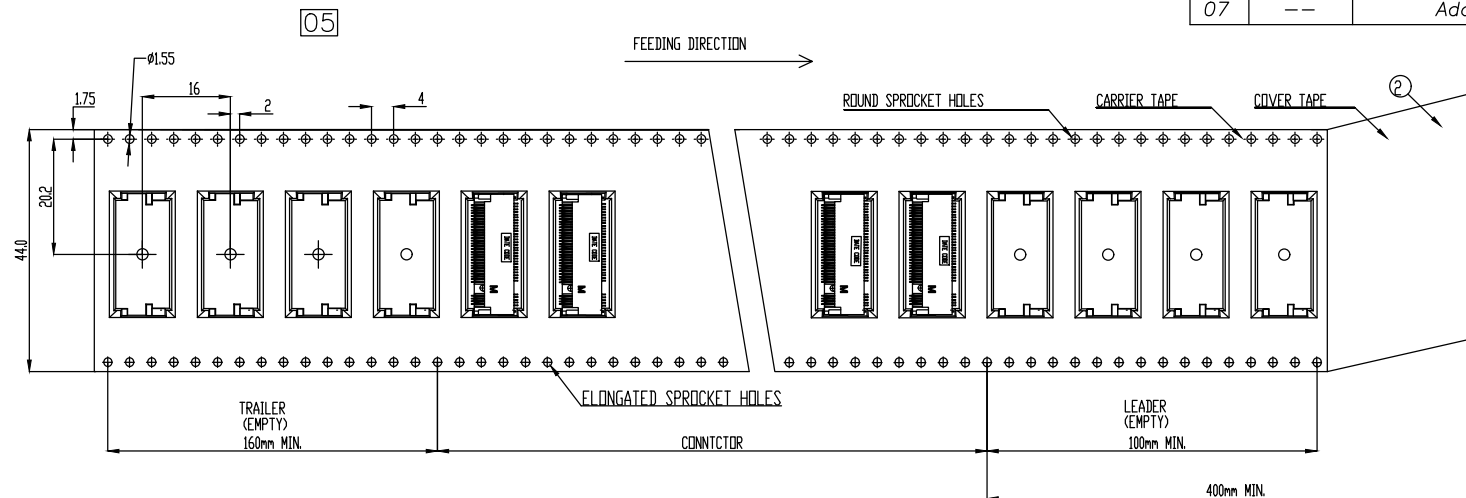


REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
06	--	Add NOTES 5	2021.11.22	TOM
07	--	Add GOLD FLASH THICKNESS	2021.11.29	TOM

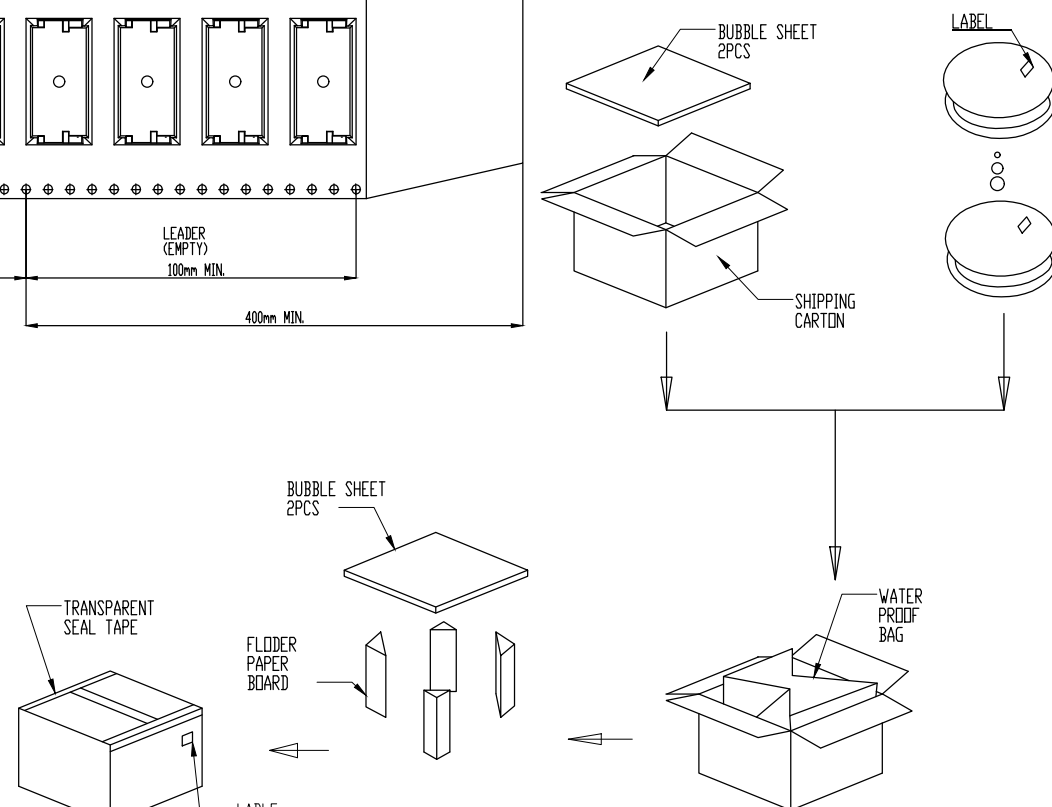
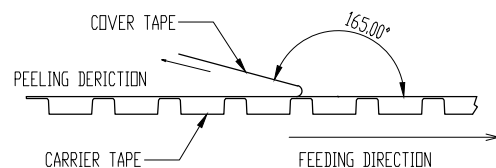


COMPONENT MAX HEIGHT(mm)		
	DIM.N	DIM.M
S1	1.2	0
S2	1.35	0
S3	1.5	0
S4	1.75	0
S5	2.0	0
D1	1.2	1.35
D2	1.35	1.35
D3	1.5	1.35
D4	1.5	0.7
D5	1.5	1.5

DIM	TOL	DIM	DEG	JOINSOO建舜電子	
X	± 0.50	X°	$\pm 8^\circ$	FILE: DRAW NAME: DRAW NO. M.2(GEN4)CONNECTOR H=6.7M P/N: 121M-2MST-05GR UNIT: mm SCALE: 1:1 MODEL: REV: 07 SHEET: 3/4	
X.X	± 0.35	X.X°	$\pm 5^\circ$		
X.XX	± 0.25	X.XX°	$\pm 3^\circ$		
X.XXX	± 0.15	X.XXX°	$\pm 2^\circ$		
DESIGN:	TOM		2021.11.29	APPROVED	
CHECK:					
APPROVED					



1. COVER TAPE PEELING STRENGTH : 0.01 kgf MIN & 0.13 kgf MAX. AT 300mm/min.
2. 10 POCKETS HOLE PITCH CUMULATIVE TOLERANCE $\pm 0.20\text{mm}$.



3	REEL	POLYSTYRENE
2	COVER TAPE	POLYESTER
1	CARRIER TAPE	POLYSTYRENE
ITEM	DESCRIPTION	MATERIAL

DIM	TOL	DIM	DEG
X	± 0.50	X°	$\pm 8^\circ$
X.X	± 0.35	X.X°	$\pm 5^\circ$
X.XX	± 0.25	X.XX°	$\pm 3^\circ$
X.XXX	± 0.15	X.XXX°	$\pm 2^\circ$

DESIGN:	TOM	2021.11.29
CHECK:		
APPROVED		

JOINSOO建舜電子

FILE:	DRAW NAME:	
DRAW NO.	M.2(GEN4)CONNECTOR H=6.7MM	
P/N: 121M-2MST-05GR		
UNIT: mm	SCALE: 1:1	MODEL:
REV: 07	SHEET: 4/4	