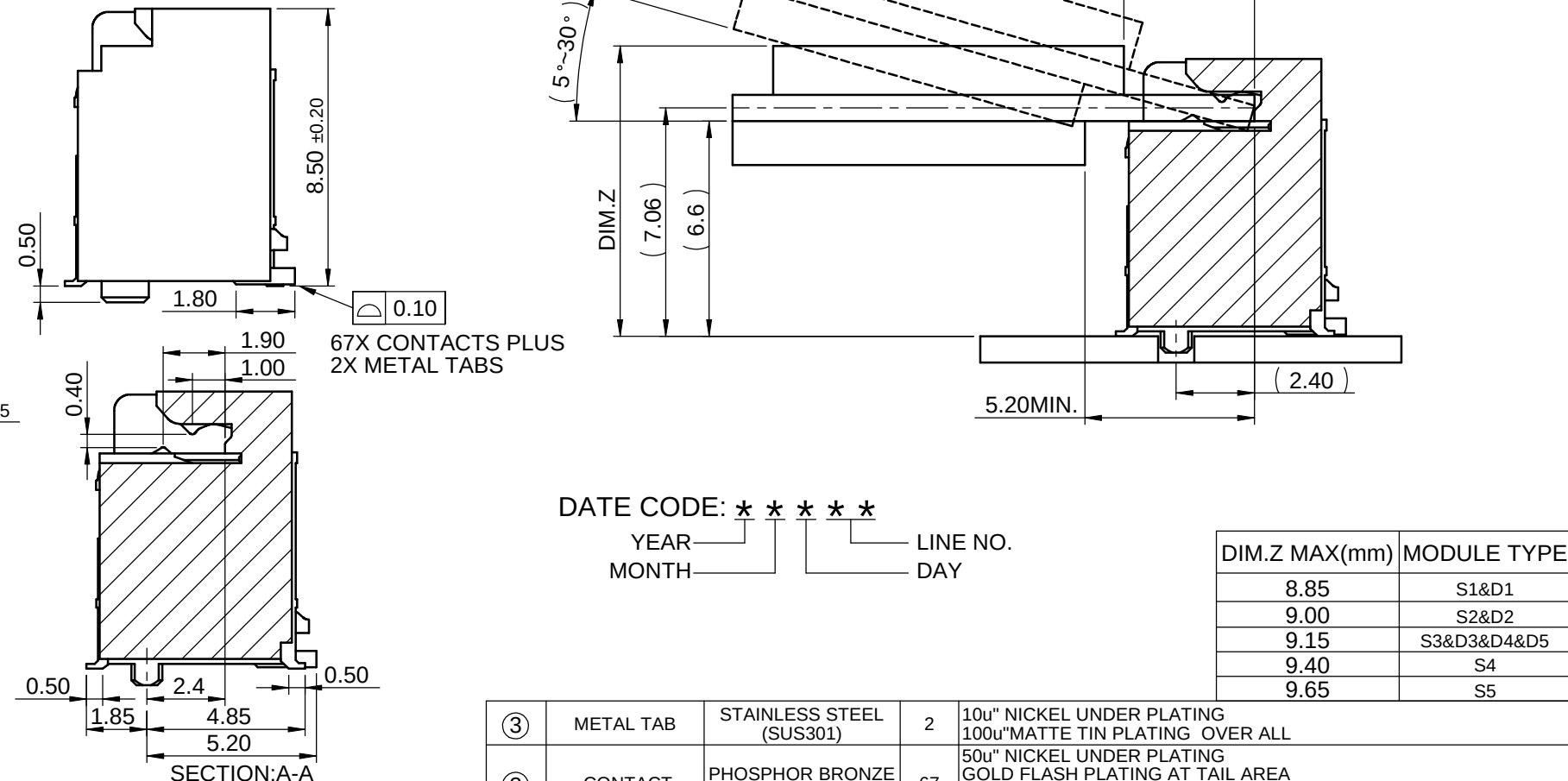
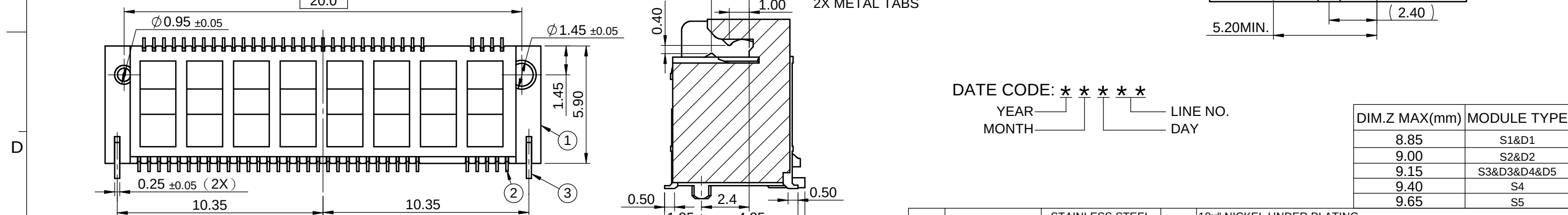
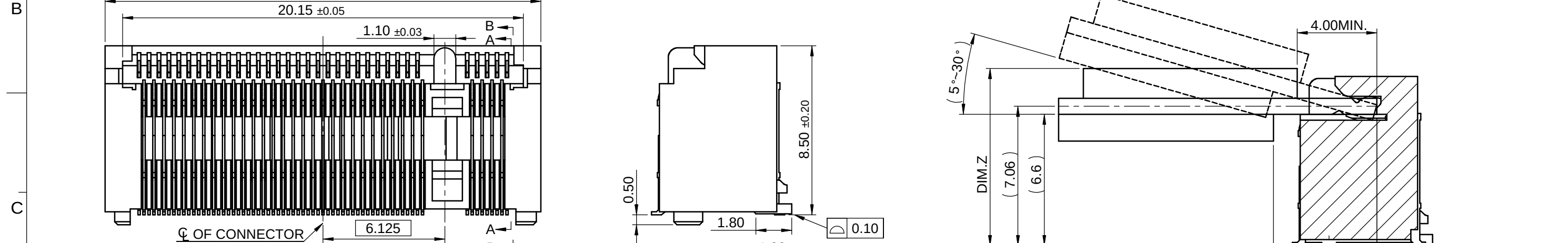
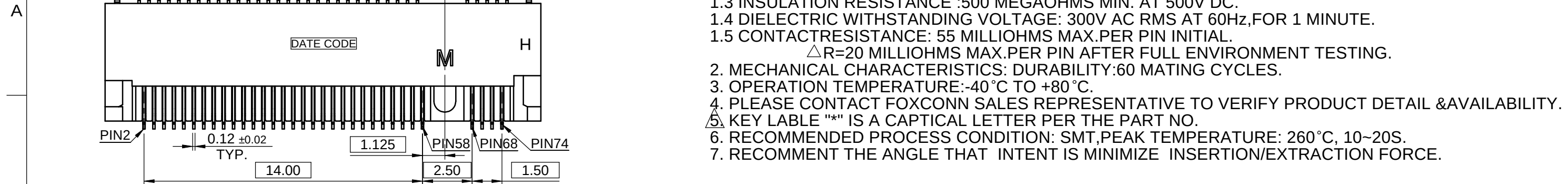


A horizontal number line is shown, ranging from 0 to 8. The line is divided into 8 equal segments by vertical tick marks. The tick marks are labeled 1, 2, 3, 4, 5, 6, 7, and 8 above the line. The segment between 0 and 1 is shaded light blue.

SOLIDWORK GENERATED DRAWING,DON'T CHANGE BY HAND	REV.	ECN. NO.	APPD.

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 MEGAOHMS 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.
 $\Delta R = 20$ MILLIOHMS MAX. PER PIN AFTER FULL ENVIRONMENT TESTING.
2. MECHANICAL CHARACTERISTICS: DURABILITY: 60 MATING CYCLES.
3. OPERATION TEMPERATURE: -40°C TO +80°C.
4. PLEASE CONTACT FOXCONN SALES REPRESENTATIVE TO VERIFY PRODUCT DETAIL & AVAILABILITY.
5. KEY LABEL "*" IS A CAPITAL LETTER PER THE PART NO.
6. RECOMMENDED PROCESS CONDITION: SMT, PEAK TEMPERATURE: 260°C, 10~20S.
7. RECOMMEND THE ANGLE THAT INTENT IS MINIMIZE INSERTION/EXTRACTION FORCE.



DATE CODE: * * * * *

YEAR ——— LINE NO.

MONTH ——— DAY

DIM.Z MAX(mm)	MODULE TYPE
---------------	-------------

DIM.Z MAX(mm)	MODULE TYPE
8.85	S1&D1
9.00	S2&D2
9.15	S3&D3&D4&D5
9.40	S4
9.65	S5

③	METAL TAB	STAINLESS STEEL (SUS301)	2	10u" NICKEL UNDER PLATING 100u"MATTE TIN PLATING OVER ALL
②	CONTACT	PHOSPHOR BRONZE (C5210R-SH)	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 (6808)	1	UL94V-0, HALOGEN FREE,BLACK COLOR
ITEM	DESCRIPTION	MATERIAL	Q'TY	TREATMENT

X.± 0.30		X°.± 2°		UNITS mm		NAME(INTENDED USE)		FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED.			
.X± 0.25		.X°.±1°		MAT'L		M.2 (NGFF) CONNECTOR(KEYM)		CLASS: □CONFIDENTIAL □SECRET ■GENERAL			
.XX± 0.15		.XX°.±				PART NO.(INTENDED USE) 2E0BC2*-S85BM-*H		TITLE: CUSTOMER DRAWING			
.XXX±		.XXX°.±		FINISH		APPD: Davy Bu		DWG NO.: 317-0000-2664			
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				DR: MOMO 2018/6/27							
										SCALE N/A	

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PART NO.DESCRPTION: 2E 0 BC 2 * - S 85 B M - * H

EDGE CARD

M.2(NGFF) CONNECTOR SERIES

75PIN

SMT

CONTACT AREA PLATING
1=GOLD FLASH
Y=5u" GOLD PLATING
6=10u" GOLD PLATING
7=15u" GOLD PLATING
3=30u" GOLD PLATING

STANDARD TYPE

8.5MM HEIGHT

BLACK COLOR

KEY NAME

7=
L=

— HALOGEN FREE & LEAD FREE

SECTION:A-A

- STANDARD TYPE

CONTACT AREA PLATING
1=GOLD FLASH
Y=5u" GOLD PLATING
6=10u" GOLD PLATING
7=15u" GOLD PLATING
3=30u" GOLD PLATING

EDGE CARD

M.2(NGFF) CONNECTOR SERIES

75PIN

SMT

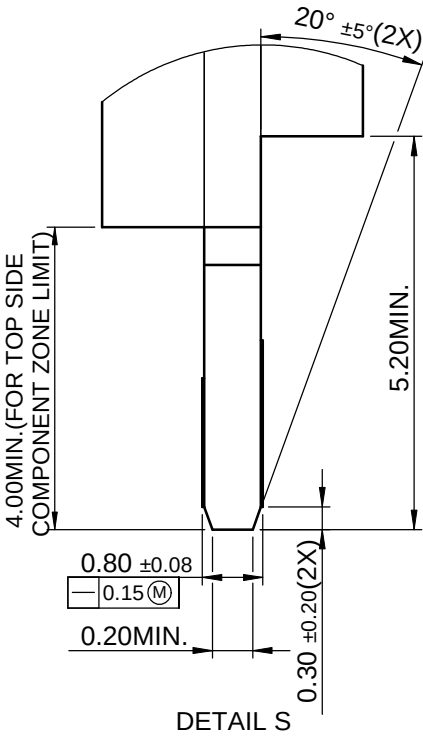
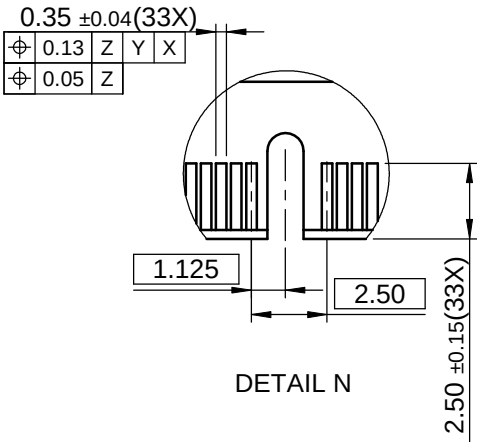
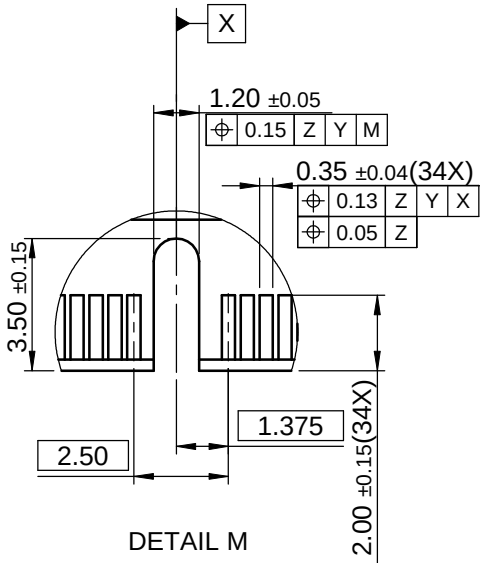
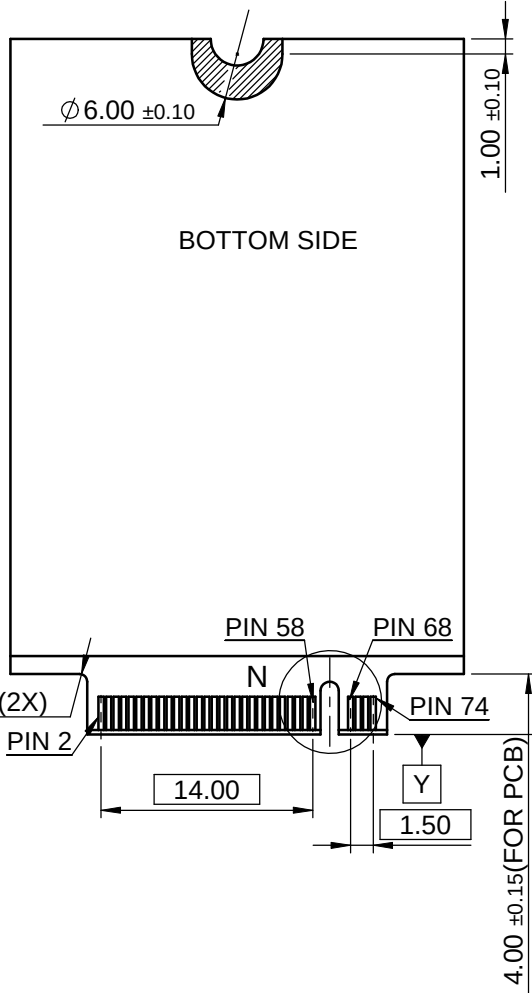
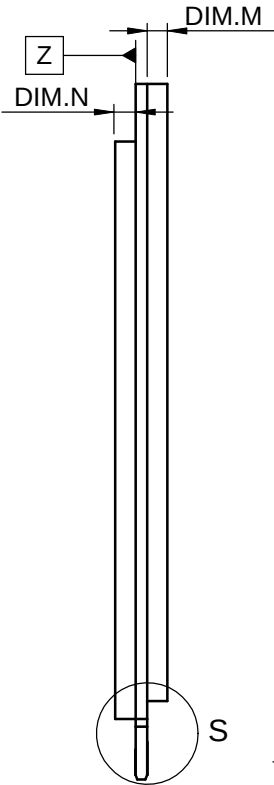
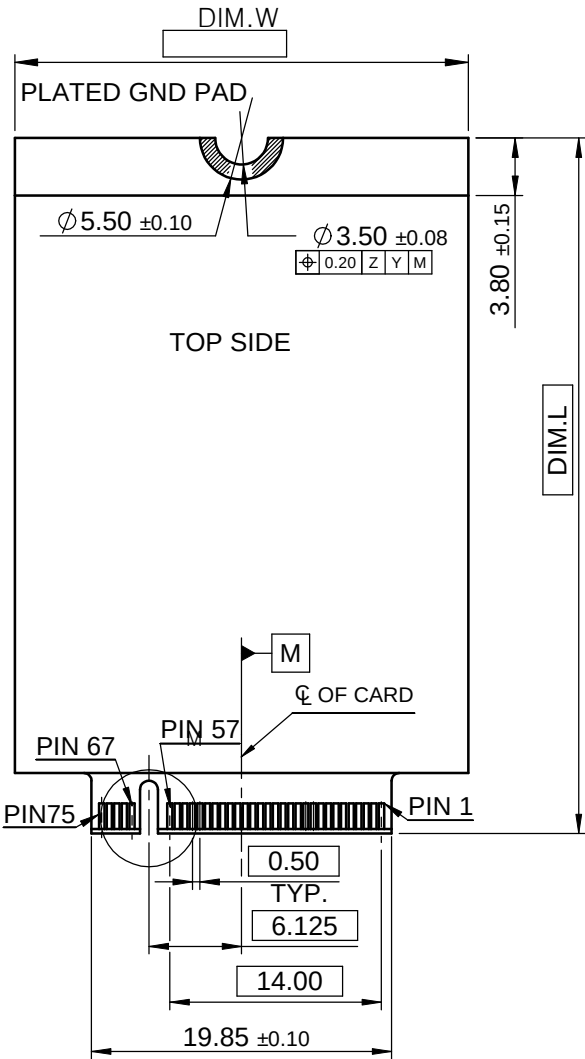
— KEY NAME

— BLACK COLOR

1 2 3 4 5 6 7 8

SOLIDWORK GENERATED DRAWING,DON'T CHANGE BY HAND

REV.	ECN. NO.	APPD

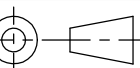


TYPE XX XX-XX-X

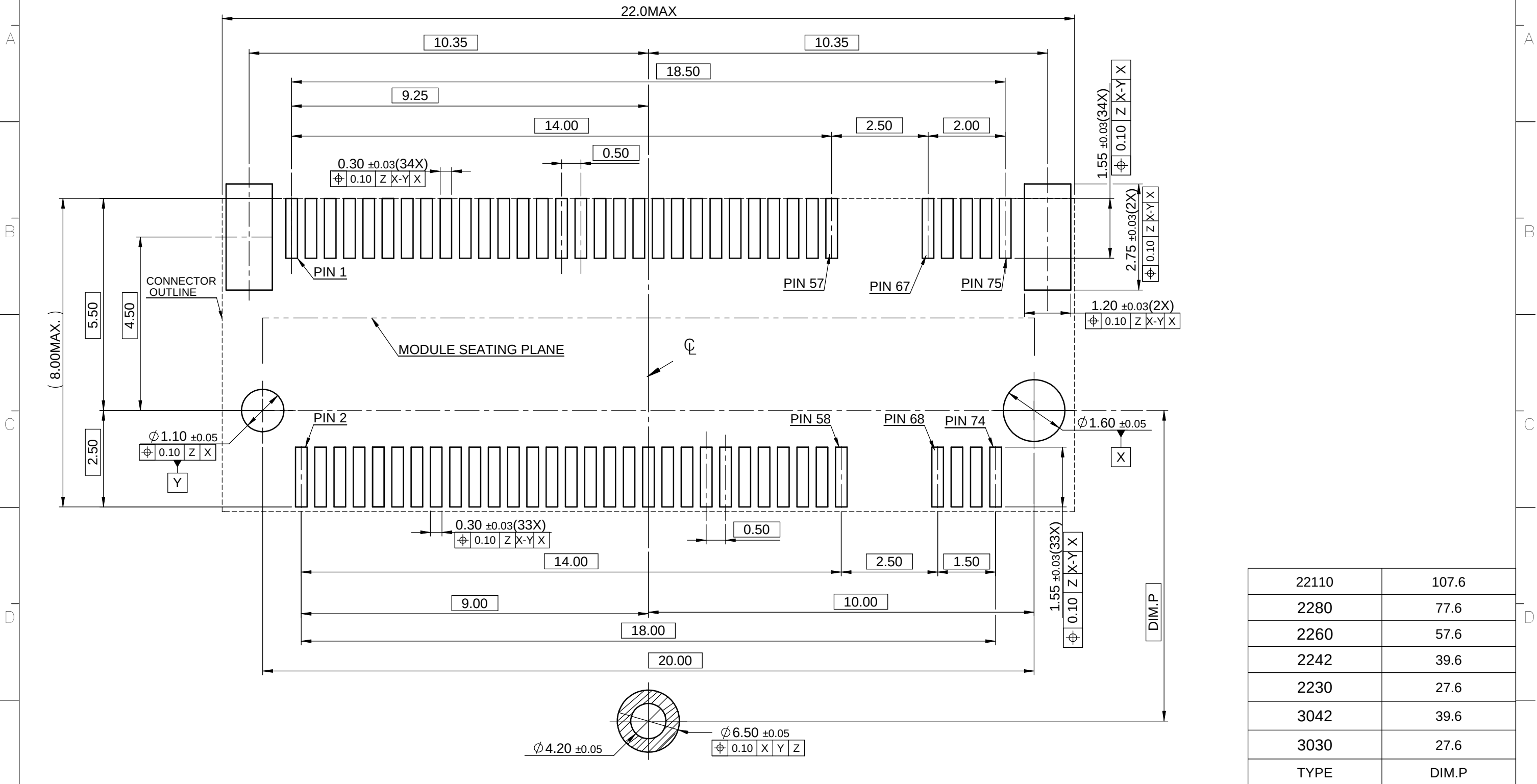
LENGTH(mm)	30
	42
DIM.L	60
	80
WIDTH(mm)	22
	30
DIM.W	80
	110

KEY ID

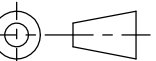
COMPONENT MAX HEIGHT(mm)		
	DIM.N	DIM.M
S1	1.2	0
S2	1.35	0
S3	1.5	0
S4	1.75	0
S5	2.0	0
D1	1.2	1.35
D2	1.35	1.35
D3	1.5	1.35
D4	1.5	0.7
D5	1.5	1.5

X.± 0.15	X°.±	UNITS mm	NAME(INTENDED USE)	FOXCONN®			
.X± 0.10	.X°.±		MAT'L	M.2 (NGFF) CONNECTOR(KEYM)	FOXCONN INTERCONNECT TECHNOLOGY LIMITED.		
.XX± 0.05	.XX°.±	FINISH		PART NO.(INTENDED USE)	CLASS:		
.XXX±	.XXX°.±		2E0BC2*-S85BM-*H	☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL			
			APPD: Davy Bu	TITLE: CUSTOMER DRAWING			
			CHKD: Gary Xu	DWG NO.: 317-0000-2664			
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					N/A	2/5	C

REV.	ECN. NO.	APPD.

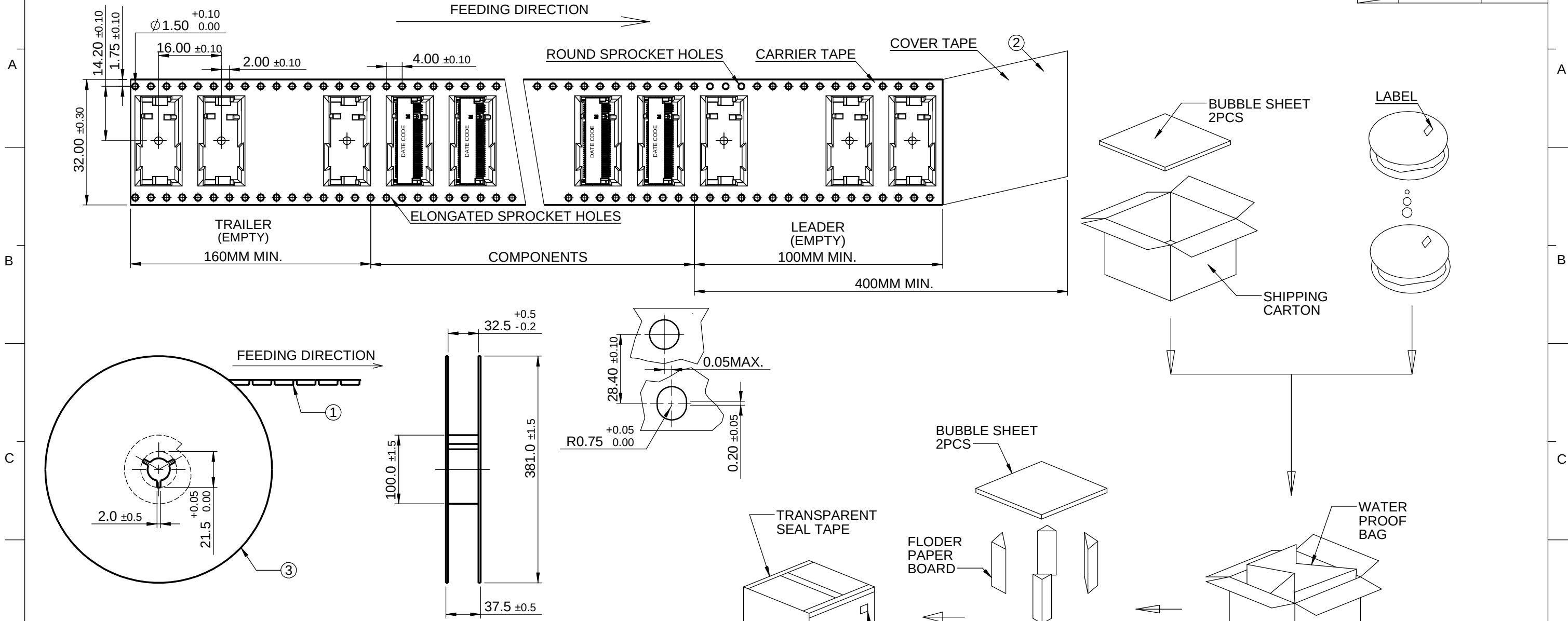


DATUM Z IS THE PCB SOLDER SURFACE

X.± 0.15	X°.±	UNITS mm	NAME(INTENDED USE)		FOXCONN®				
.X± 0.10	.X°.±		MAT'L	M.2 (NGFF) CONNECTOR(KEYM)		FOXCONN INTERCONNECT TECHNOLOGY LIMITED.			
.XX± 0.05	.XX°.±	FINISH		PART NO.(INTENDED USE)		CLASS:			
.XXX±	.XXX°.±		2E0BC2*-S85BM-*H		□CONFIDENTIAL □SECRET ■GENERAL				
			APPD: Davy Bu		TITLE: CUSTOMER DRAWING				
			CHKD: Gary Xu		DWG NO.: 317-0000-2664				
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					N/A		3/5	C	

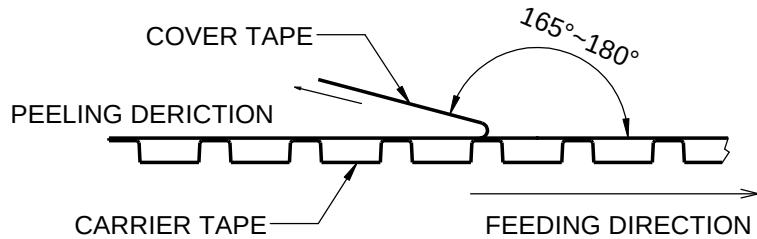
SOLIDWORKS GENERATED DRAWING, DO NOT CHANGE BY HAND

REV.	ECN. NO.	APPD.

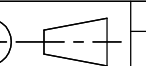


NOTES:

- COVER TAPE PEELING STRENGTH : 0.01 kgf MIN & 0.13 kgf MAX. AT 300mm/min.
- 10 POCKETS HOLE PITCH CUMULATIVE TOLERANCE ±0.20mm.



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

X.± 0.30	X°.±	UNITS mm	NAME(INTENDED USE)	FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED.				
.X± 0.25	.X°.±	MAT'L	M.2 (NGFF) CONNECTOR(KEYM)	CLASS: □CONFIDENTIAL □SECRET ■GENERAL				
.XX± 0.15	.XX°.±		FINISH	PART NO.(INTENDED USE) 2E0BC2*-S85BM-*H	TITLE: CUSTOMER DRAWING			
.XXX±	.XXX°.±	Q'TY		APPD: Davy Bu	DWG NO.: 317-0000-2664			
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			DR: MOMO 2018/6/27					SCALE SHEET REV. N/A 4/5 C

2E0BC2*-S85BM-7H	550	7	3850
P/N	PCS/REEL	REEL/BOX	PCS/BOX

