

SOLIDWORK GENERATED DRAWING,DON'T CHANGE BY HAND

REV.	ECN. NO.	APPD.
A	BC-19-0005200	Davy Bu
B	BC-20-0007381	Davy Bu
C	BC-21-0005639	Davy Bu

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 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:

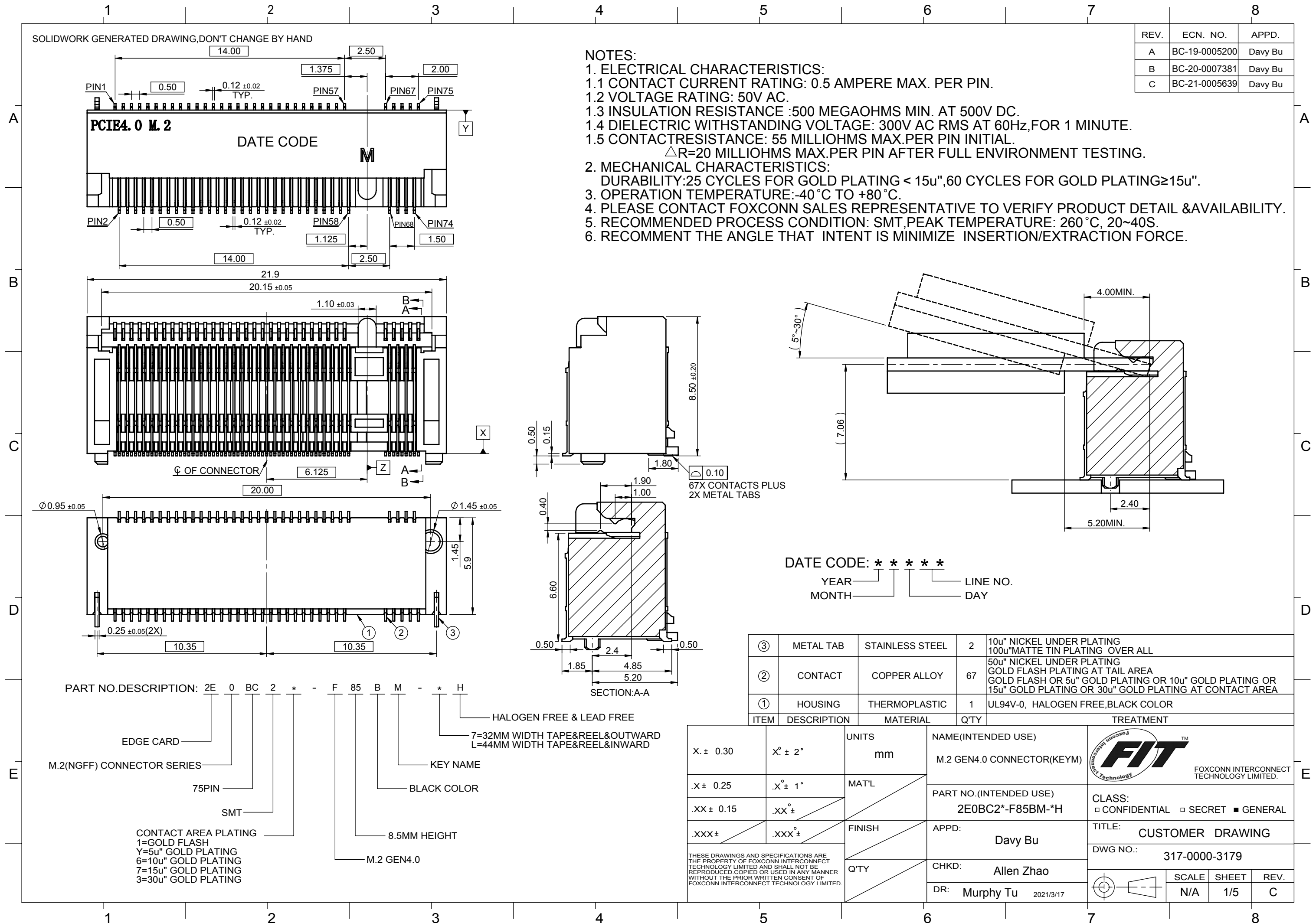
DURABILITY: 25 CYCLES FOR GOLD PLATING $< 15\mu$, 60 CYCLES FOR GOLD PLATING $\geq 15\mu$.

3. OPERATION TEMPERATURE: -40°C TO $+80^{\circ}\text{C}$.

4. PLEASE CONTACT FOXCONN SALES REPRESENTATIVE TO VERIFY PRODUCT DETAIL & AVAILABILITY.

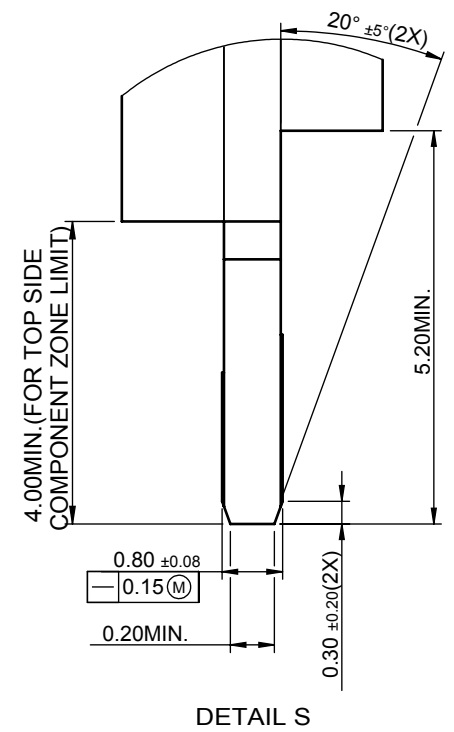
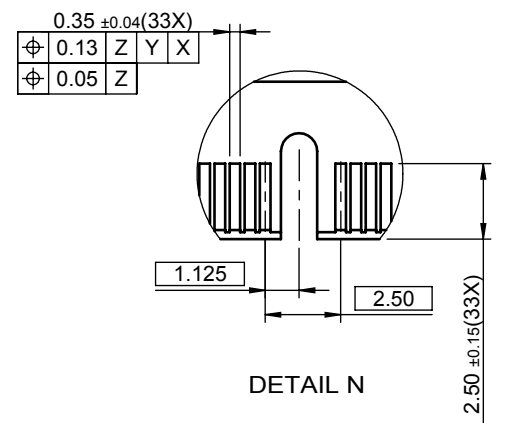
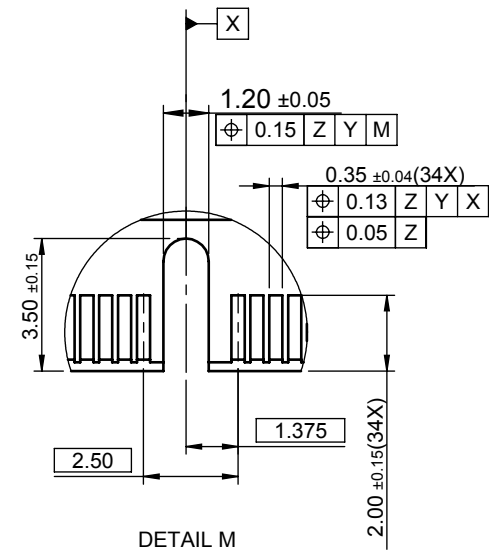
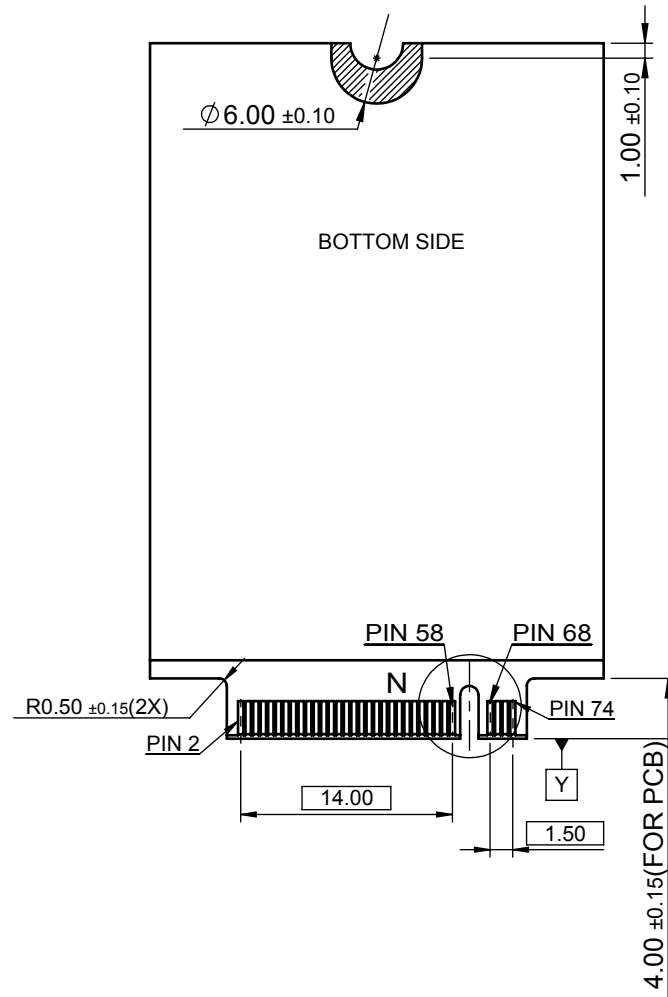
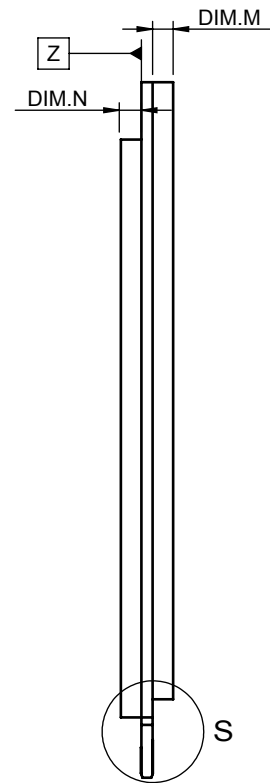
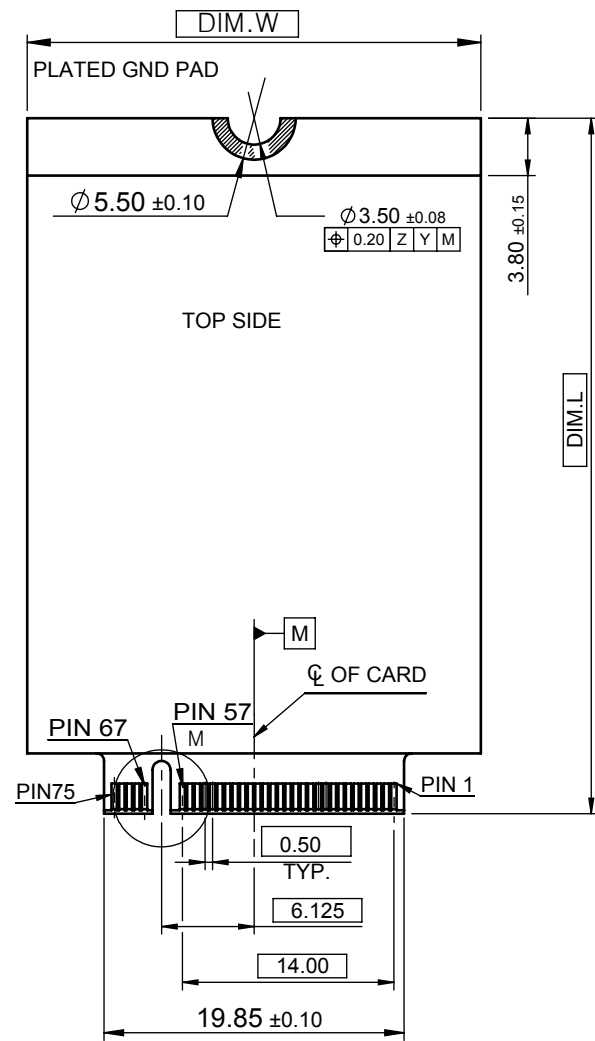
5. RECOMMENDED PROCESS CONDITION: SMT, PEAK TEMPERATURE: 260°C , 20~40S.

6. RECOMMEND THE ANGLE THAT INTENT IS MINIMIZE INSERTION/EXTRACTION FORCE.



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TYPE XX XX-XX-X

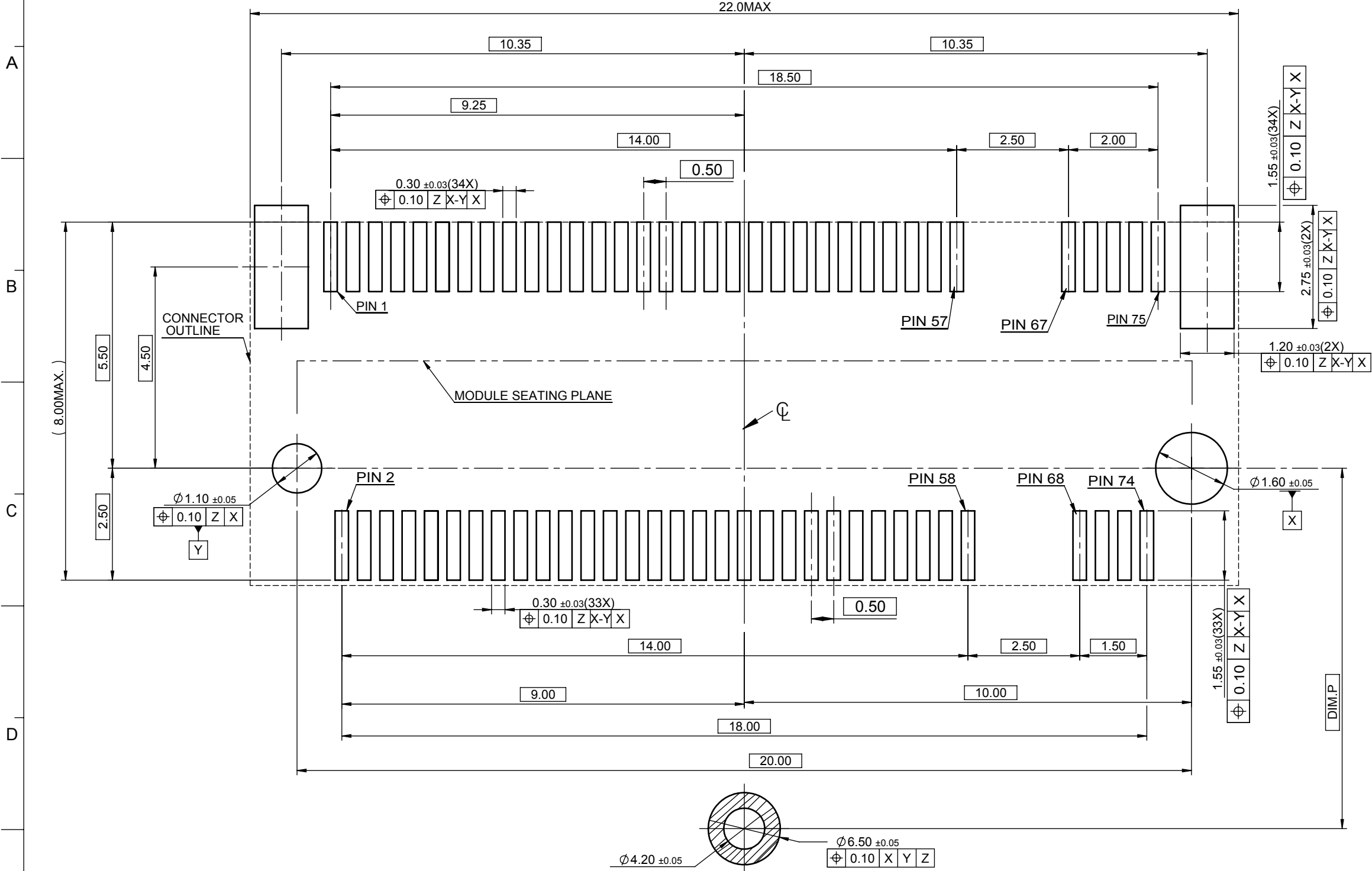
KEY ID

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
WIDTH(mm)	22
DIM.W	30
	80
	110

X. ± 0.15	X. ° ±	UNITS mm	NAME(INTENDED USE) M.2 GEN4.0 CONNECTOR(KEYM)	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
			PART NO.(INTENDED USE) 2E0BC2*-F85BM-*H	
.X ± 0.10	.X ° ±	MAT'L	APPD: Davy Bu	CLASS: □ CONFIDENTIAL □ SECRET ■ GENERAL
.XX ± 0.05	.XX ° ±		CHKD: Allen Zhao	TITLE: CUSTOMER DRAWING
.XXX ±	.XXX ° ±	FINISH	DR: Murphy Tu	DWG NO.: 317-0000-3179
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				SHEET 2/5
				REV. C

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DATUM Z IS THE PCB SOLDER SURFACE
RECOMMEND STENCIL THICKNESS=0.13MM

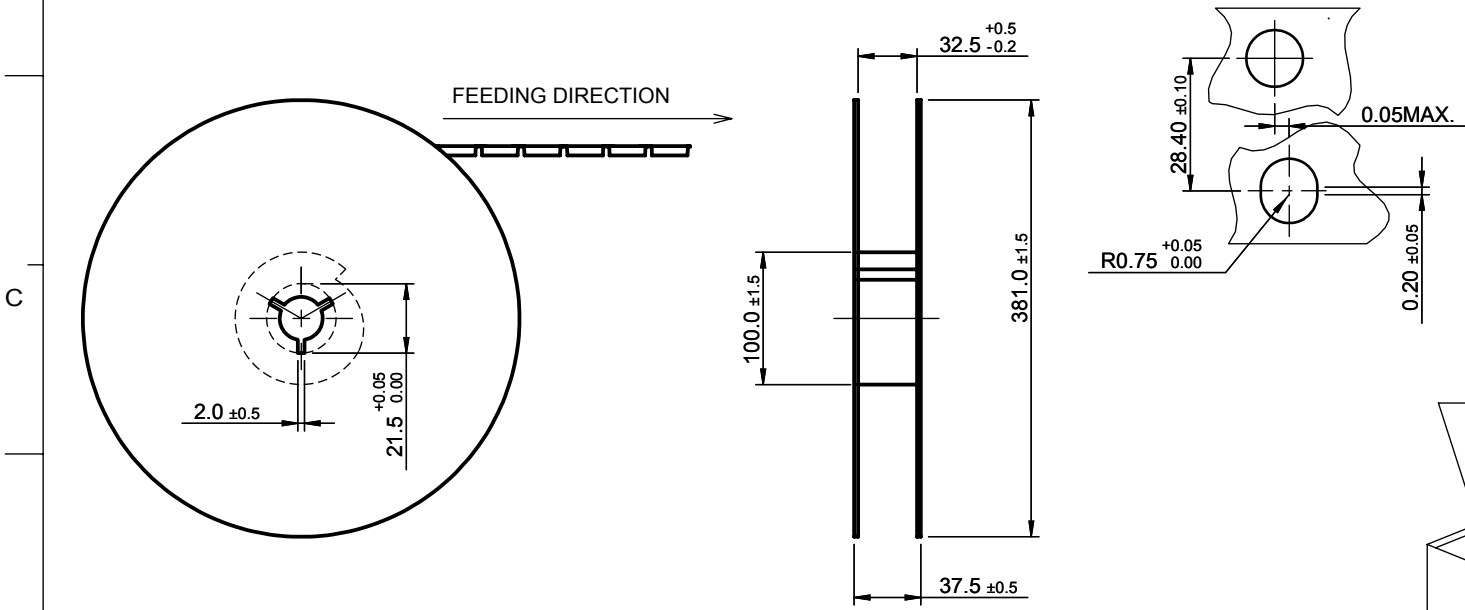
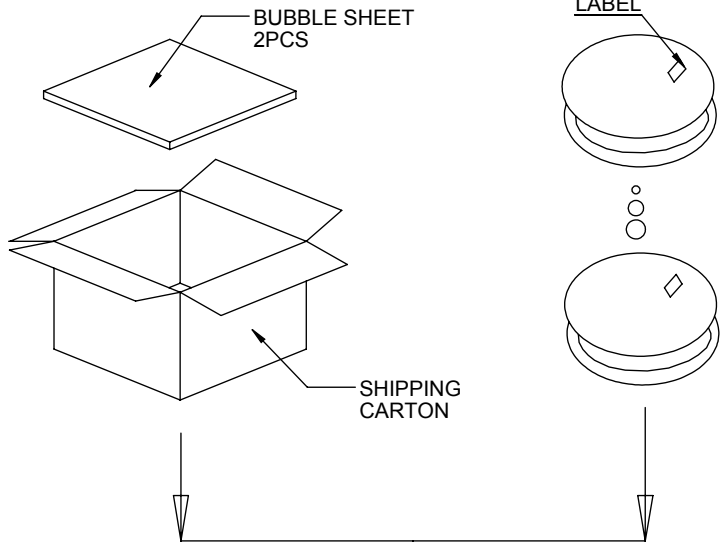
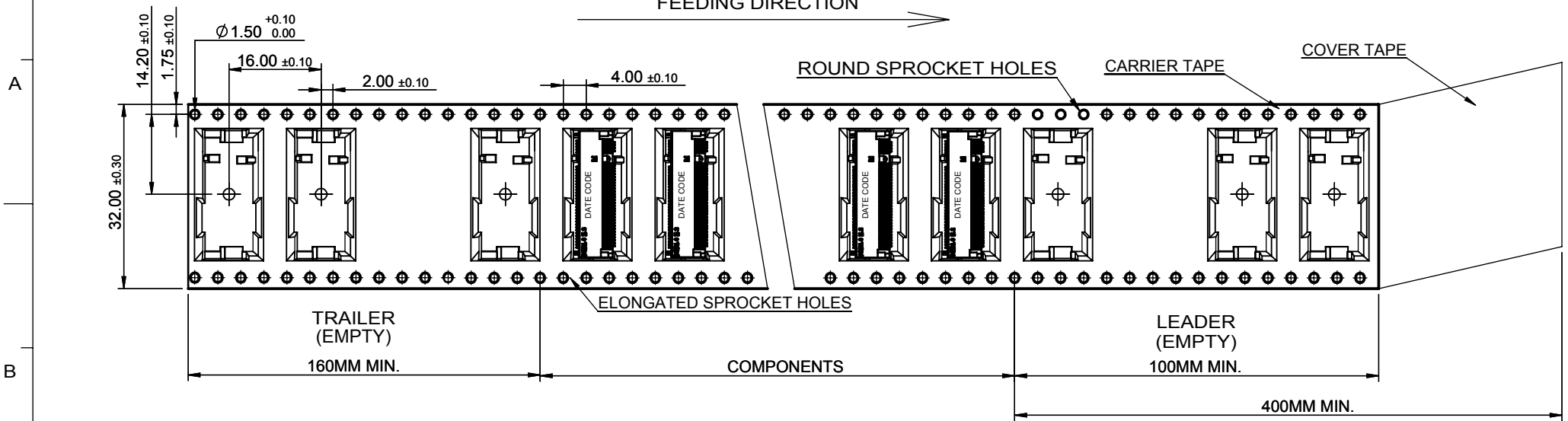
22110	107.6
2280	77.6
2260	57.6
2242	39.6
2230	27.6
3042	39.6
3030	27.6
TYPE	DIM.P

X.± 0.15	X° ±	UNITS mm	NAME(INTENDED USE) M.2 GEN4.0 CONNECTOR(KEYM)		Foxconn Interconnect Technology FIT TM FOXCONN INTERCONNECT TECHNOLOGY LIMITED.					
.X± 0.10	.X° ±		MAT'L	PART NO.(INTENDED USE) 2E0BC2*-F85BM-*H		CLASS: □ CONFIDENTIAL □ SECRET ■ GENERAL				
.XX± 0.05	.XX° ±	FINISH		APPD: Davy Bu		TITLE: CUSTOMER DRAWING				
.XXX±	.XXX° ±		Q'TY	CHKD: Allen Zhao		DWG NO.: 317-0000-3179				
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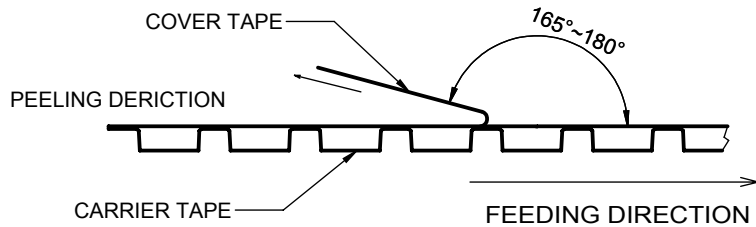
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FEEDING DIRECTION



NOTES:

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



X. ± 0.30	X. ° ±	UNITS mm	NAME(INTENDED USE) M.2 GEN4.0 CONNECTOR(KEYM)	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X ± 0.25	.X ° ±	MAT'L	PART NO.(INTENDED USE) 2E0BC2*-F85BM-*H	
.XX ± 0.15	.XX ° ±	FINISH	APPD: Davy Bu	CLASS: □ CONFIDENTIAL □ SECRET ■ GENERAL
.XXX ±	.XXX ° ±	Q'TY	CHKD: Allen Zhao	TITLE: CUSTOMER DRAWING
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2E0BC2*-F85BM-7H	550	7	3850	SCALE N/A
P/N	PCS/REEL	REEL/BOX	PCS/BOX	SHEET 4/5
				REV. C

REV.	ECN. NO.	APPD.

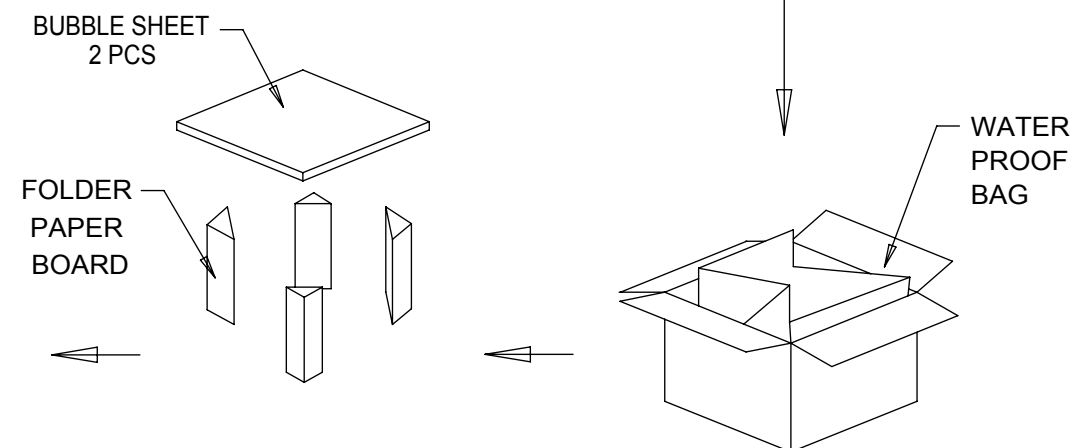
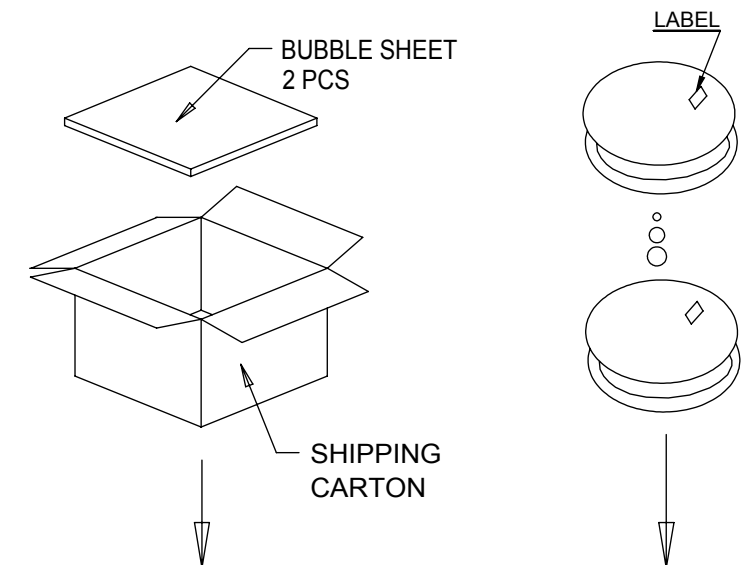
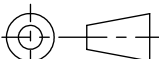


Diagram illustrating the peeling process. The diagram shows a cross-section of a carrier tape with a cover tape being peeled off. The peeling direction is indicated by an arrow pointing left, and the feeding direction is indicated by an arrow pointing right. The peeling angle is labeled as $165^{\circ} \sim 180^{\circ}$.

X. ± 0.30	X° ±	UNITS mm	NAME(INTENDED USE) M.2 GEN4.0 CONNECTOR(KEYM)		Foxconn Interconnect Technology  FOXCONN INTERCONNECT TECHNOLOGY LIMITED.			
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2E0BC2*-F85BM-LH	550	5	2750
P/N	PCS/REEL	REEL/BOX	PCS/BOX