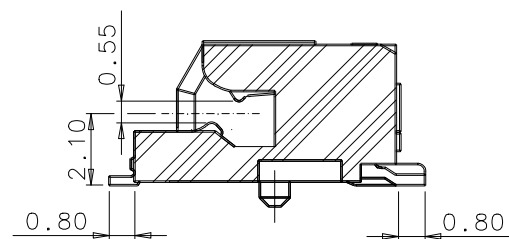
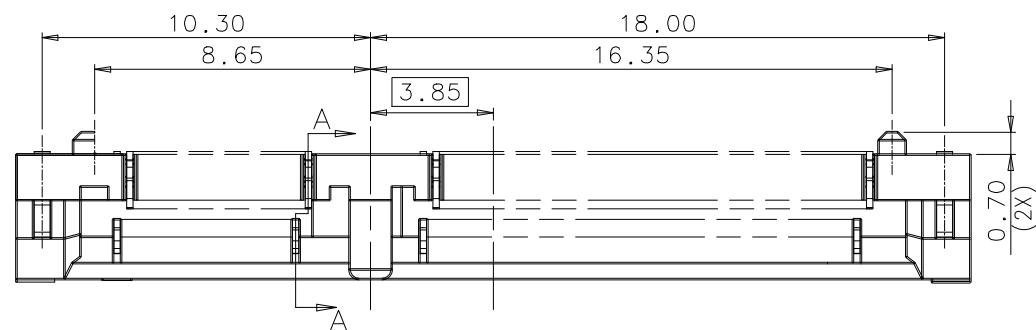
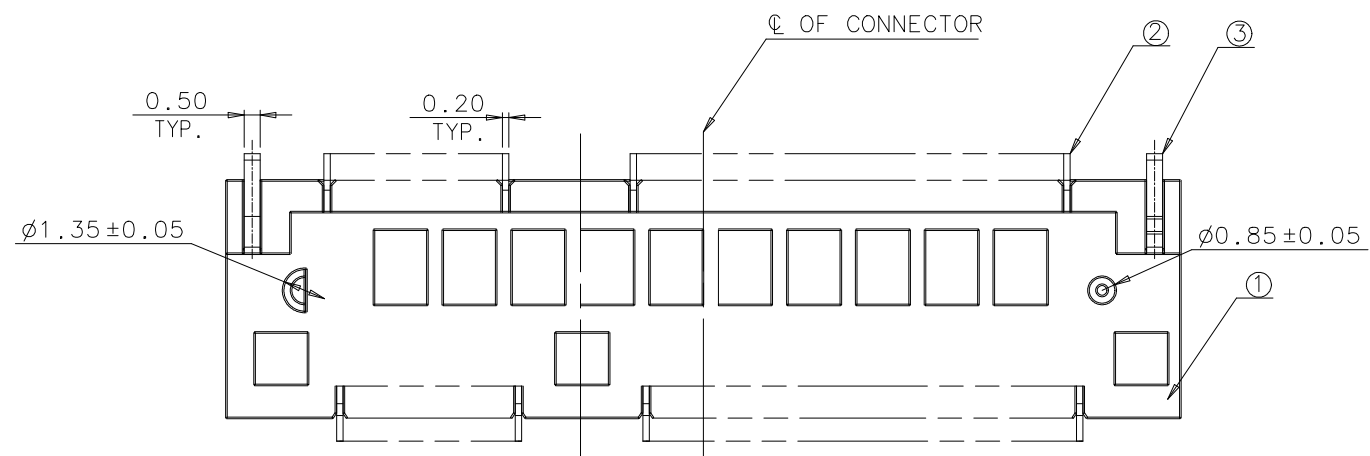
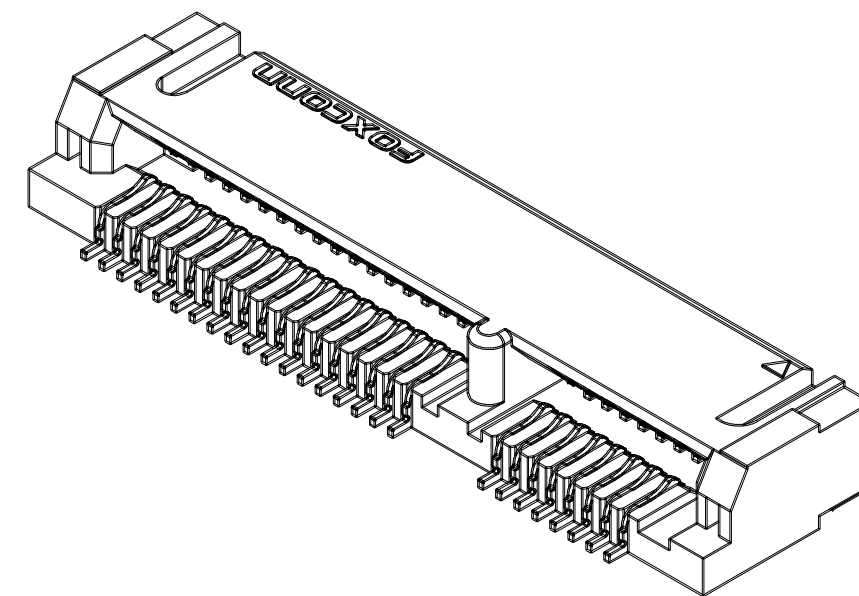
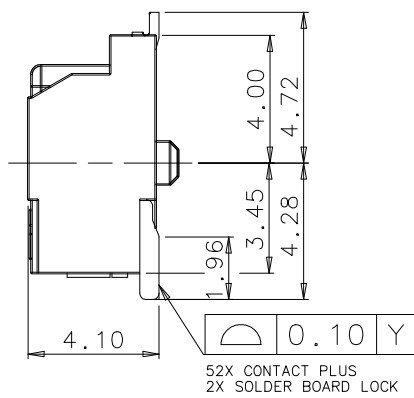
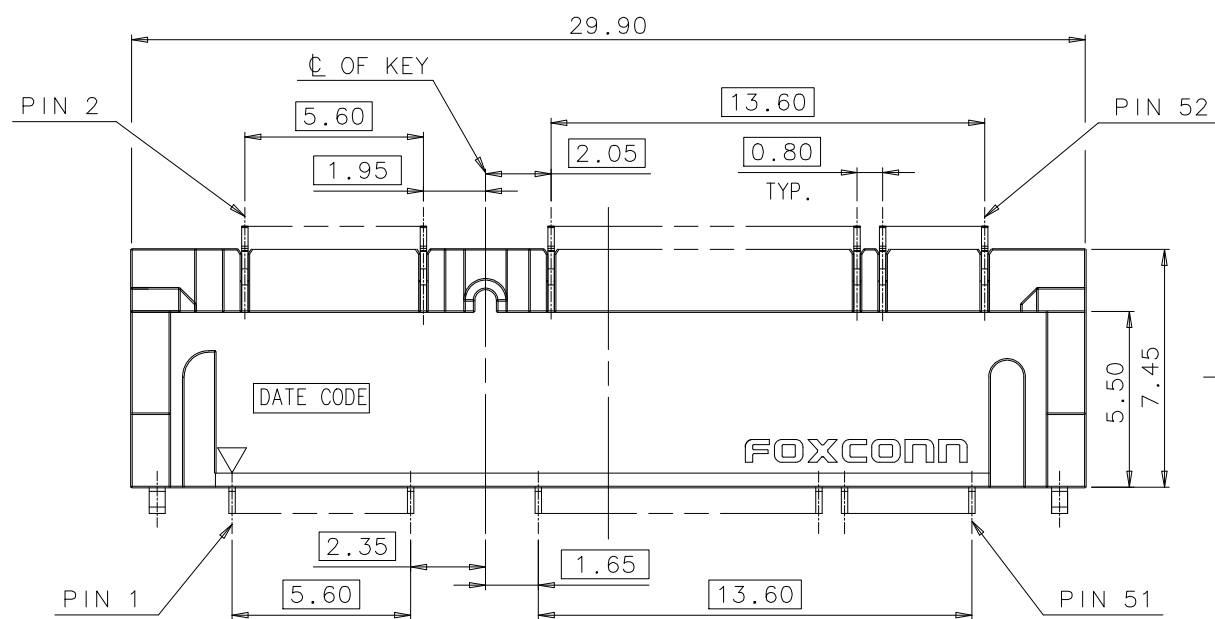


IDEAS GENERATED DRAWING, DO NOT CHANGE BY HAND

REV.	ECN. NO.	APPD.
A	HC-03-4104	Bruce Wu
B	HC-05-5238	Paul Huang
C	BC-07-7041028	Bruce Wu
D	BC-08-7010753	Bruce Wu
E	BC-08-7120706	Herry Yang



SECTION A-A



PART NO. DESCRIPTION: A S 0 B2 2 * - S 40 * - * *

MEMORY MODULE SOCKET
HORIZONTAL TYPE
SINGLE ROW
NO. OF POS.
B2= 52 POS.
SMT

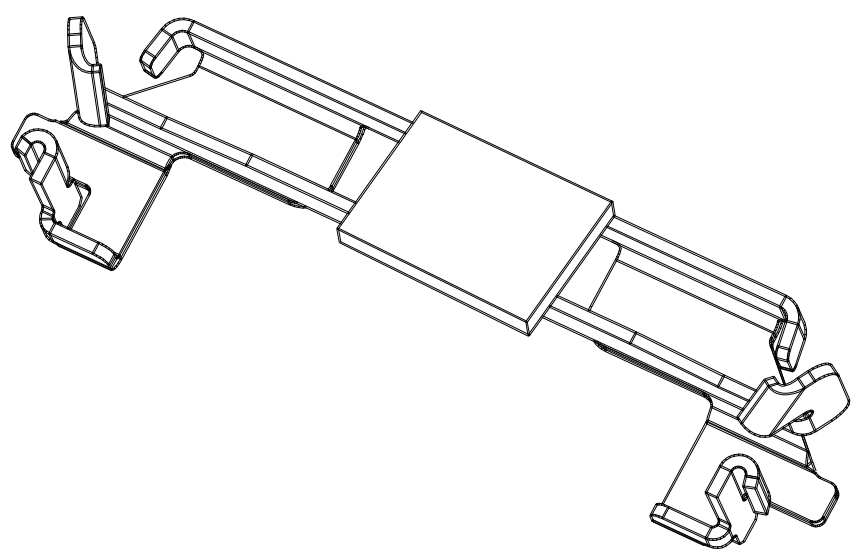
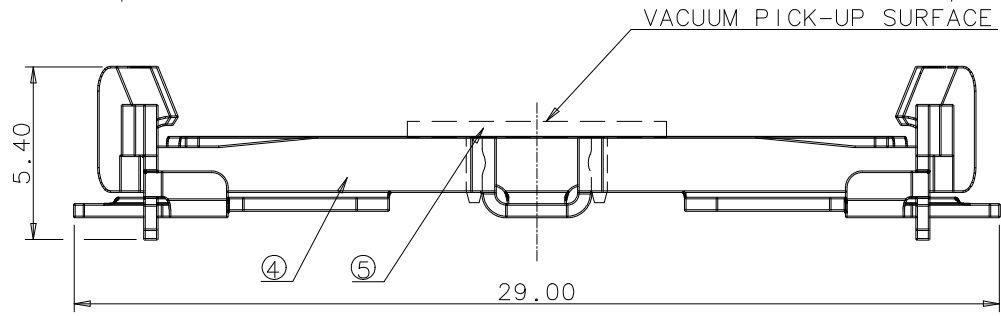
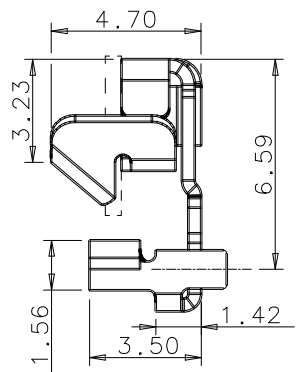
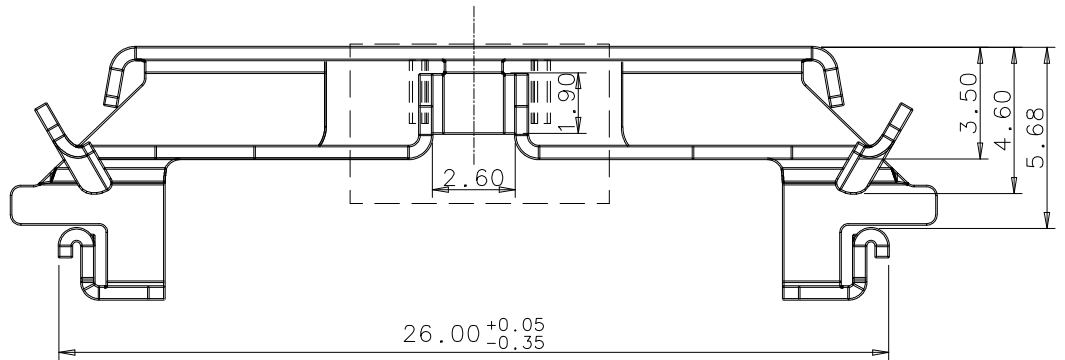
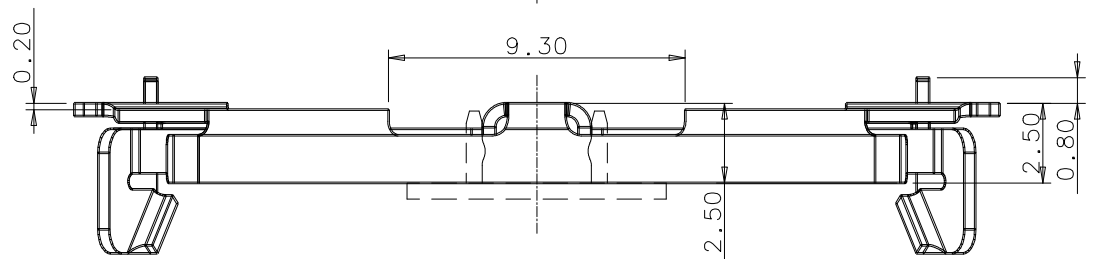
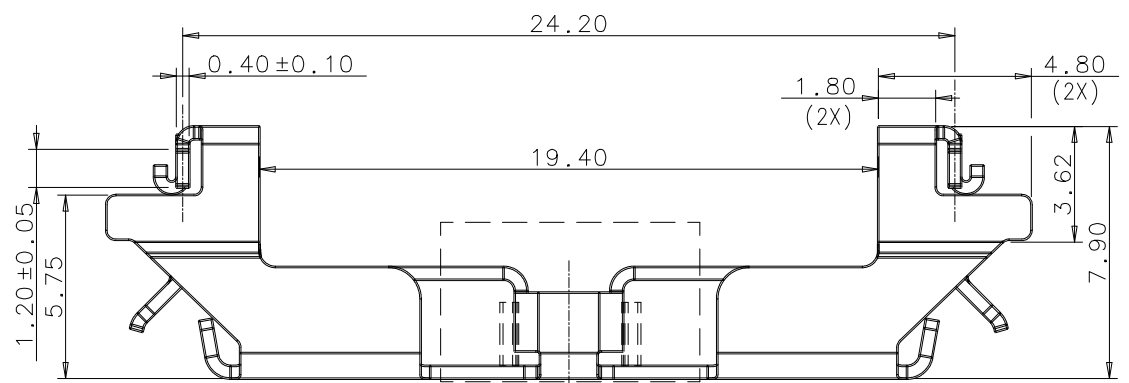
F=LEAD FREE
7=TAPE & REEL
N=CONNECTOR
K=ONLY CLIP
40=4.0mm HEIGHT
SHORT BODY

CONTACT AREA PLATING
1=GOLD FLASH
3=30u" Min. GOLD PLATING
6=10u" Min. GOLD PLATING

X. ± 0.30	X° ± 2°	UNITS	mm	NAME (INTENDED USE)	FOXCONN HON HAI PRECISION IND. CO., LTD. TAIPEI, TAIWAN, R.O.C.		
.X ± 0.25	.X° ± 1°	MAT'L		MINI PCI EXPRESS CONNECTOR			
.XX ± 0.15	.XX° ±	FINISH		PART NO. (INTENDED USE)	TITLE:		
.XXX ±	.XXX° ±	Q'TY		ASOB22*-S40*-**	CUSTOMER DRAWING		
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				CHKD: Alex Wong	317-0100-084		
				DR: Liu Fenglan 9/25'08			
					SCALE	SHEET	REV.
					N/A	1/7	E

IDEAS GENERATED DRAWING, DO NOT CHANGE BY HAND

REV.	ECN.	NO.	APPD.



SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
 - 1-1 CURRENT RATING: 0.50 A MAX per power contact.
 - 1-2 VOLTAGE RATING: 50 VAC per contact.
 - 1-3 LOW LEVEL CONTACT RESISTANCE: 55mΩ max. initial, ΔR =20mΩmax.
 - 1-4 INSULATION RESISTANCE: 500MΩ min. at 500 V DC.
 - 1-5 DIELECTRIC WITHSTANDING VOLTAGE: 300 V AC (RMS) AT 60Hz, FOR 1 MINUTE.
 - 1-6 INSERTION LOSS: $f \leq 1.25$ GHz: ≤ 1 dB; $1.25 < f \leq 3.75$ GHz: $\leq 1.6 \times (f - 1.25) + 1$ dB
 - 1-7 RETURN LOSS: $f \leq 1.3$ GHz: ≤ -12 dB; $1.3 < f \leq 2$ GHz: ≤ -7 dB; $2 < f \leq 3.75$ GHz: ≤ -4 dB
 - 1-8 CROSSTALK NEXT: $f \leq 1.25$ GHz: ≤ -32 dB; $1.25 < f \leq 3.75$ GHz: $\leq -(32 - 2.4 \times (f - 1.25))$ dB
 - 1-9 TEMPERATURE RISE VERSUS CURRENT: $< 30^\circ\text{C}$ at rated current per EIA-364-70A, method 2.
2. MECHANICAL CHARACTERISTICS:
 - 2-1 DURABILITY: 50 mating/unmating cycles.
 - 2-2 MATING/UNMATING FORCE: 2.3 kgf max. per connector.
3. ENVIRONMENTAL CHARACTERISTICS:
 - 3-1 USEFUL FIELD LIFE: 5 years.
 - 3-2 OPERATING TEMPERATURE: -40°C TO $+80^\circ\text{C}$.
 - 3-3 TEMPERATURE LIFE: Subject mated samples at $105 \pm 2^\circ\text{C}$ for 120 hours per EIA-364-17, method A.
 - 3-4 THERMAL SHOCK: Subject mated samples to 10 cycles between -55 to 85°C per EIA-364-32C, condition I.
 - 3-5 CYCLIC TEMPERATURE & HUMIDITY: Subject mated samples to 24 cycles between 25°C at 80% RH to 65°C at 50% RH per EIA-364-31B.
 - 3-6 VIBRATION: Subject mated samples to 20 to 500 Hz, 3.1 g RMS random excitation of 15 min. in each of the 3 axes and no discontinuity > 1 ms is found per EIA-364-28D, test condition VII, test condition letter D.
 - 3-7 MECHANICAL SHOCK: Subject mated samples to 50% half-sine excitation of 11 ms duration and no discontinuity > 1 ms is found per per EIA-364-27B, condition A.
 - 3-8 MIXED FLOWING GAS: Subject mated samples for 7 days per EIA-364-65, class IIA.
 - 3-9 THERMAL DISTURBANCE: Subject mated samples to 10 cycles between 15 to 85°C .
4. Please contact foxconn sales representative to verify product details & availability.

⑤	cap	1	THERMOPLASTIC	UL94V-0, IVORY COLOR(IN ORDER TO PICK-UP, TAKE AWAY AFTER ASSEMBLY)
④	CLIP	2	STAINLESS STEEL	Pd PLATING OVER SOLDER PAD AREA
③	BOARD LOCK	2	COPPER ALLOY	PURE TIN OVER ALL
②	CONTACT	52	PHOSPHOR BRONZE	NICKEL UNDER PLATING GOLD FLASH PLATING AT TAIL GOLD PLATING AT CONTACT AREA
①	HOUSING	1	THERMOPLASTIC	UL94V-0, IVORY COLOR

ITEM	DESCRIPTION	Q'TY	METERIAL	TREATMENT
X. ± 0.30	X° ±		UNITS mm	NAME (INTENDED USE)
.X ± 0.25	.X° ±		MAT'L	MINI PCI EXPRESS CONNECTOR
.XX ± 0.15	.XX° ±		FINISH	PART NO. (INTENDED USE)
.XXX ±	.XXX° ±		Q'TY	AS0B22*-S40*-**
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				CHKD: Alex Wong
				DR: Liu Fenglan 9/25'08
				NAME (INTENDED USE)
				MINI PCI EXPRESS CONNECTOR
				PART NO. (INTENDED USE)
				AS0B22*-S40*-**
				APPD: Herry Yang
				CHKD: Alex Wong
				DR: Liu Fenglan 9/25'08
				TITLE:
				CUSTOMER DRAWING
				DWG NO.:
				317-0100-084
				SCALE
				N/A
				SHEET
				2/7
				REV.
				E

FOXCONN
HON HAI PRECISION IND. CO., LTD.
TAIPEI, TAIWAN, R.O.C.

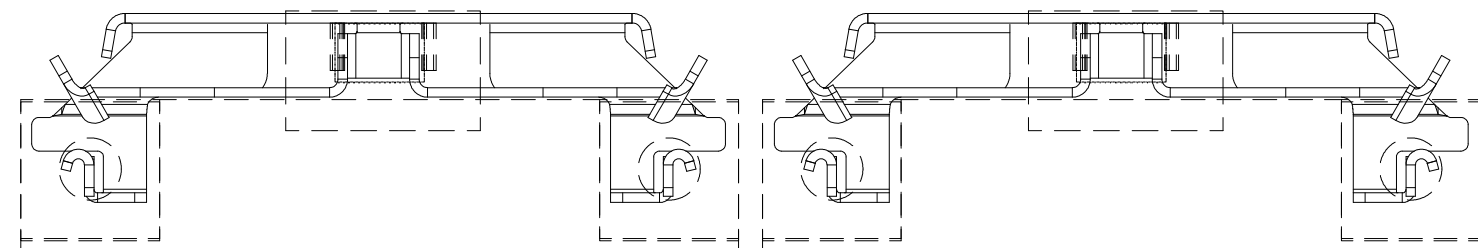
TITLE:
CUSTOMER DRAWING

DWG NO.:
317-0100-084

SCALE	SHEET	REV.
N/A	2/7	E

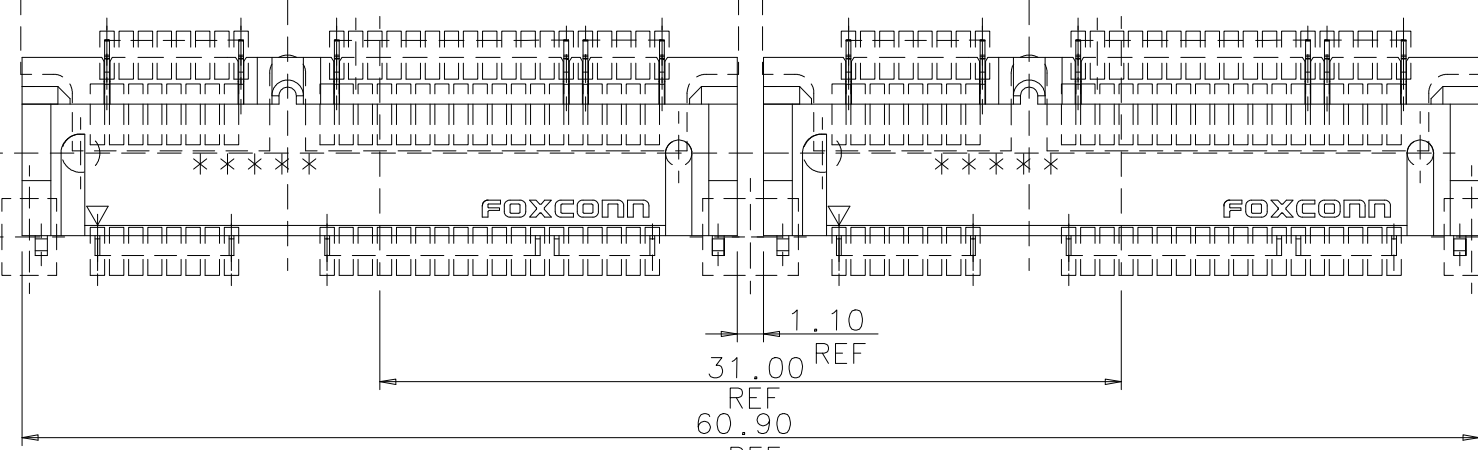
IDEAS GENERATED DRAWING, DO NOT CHANGE BY HAND

REV.	ECN.	NO.	APPD.

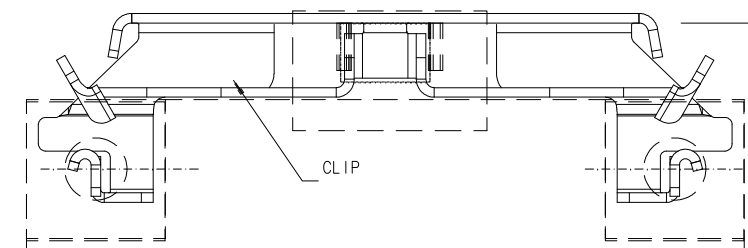


TOP SIDE

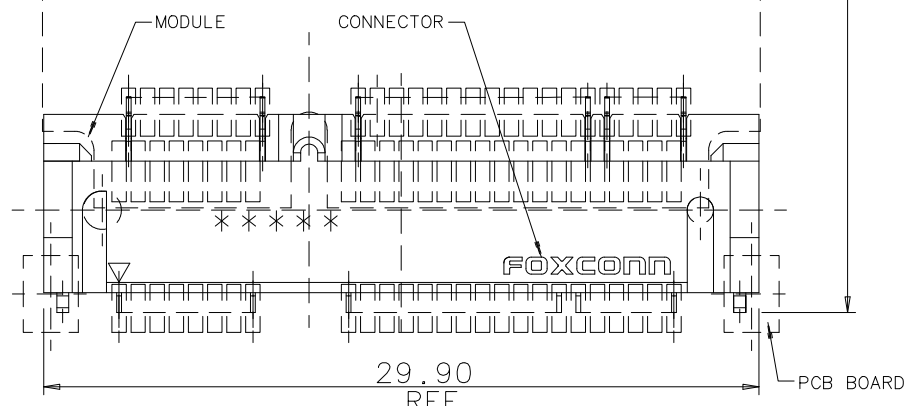
TOP SIDE



SIDE BY SIDE LAYOUT FOR ASSEMBLY(CONNECTOR+CLIP+MODULE CARD+P.C.B)



TOP SIDE

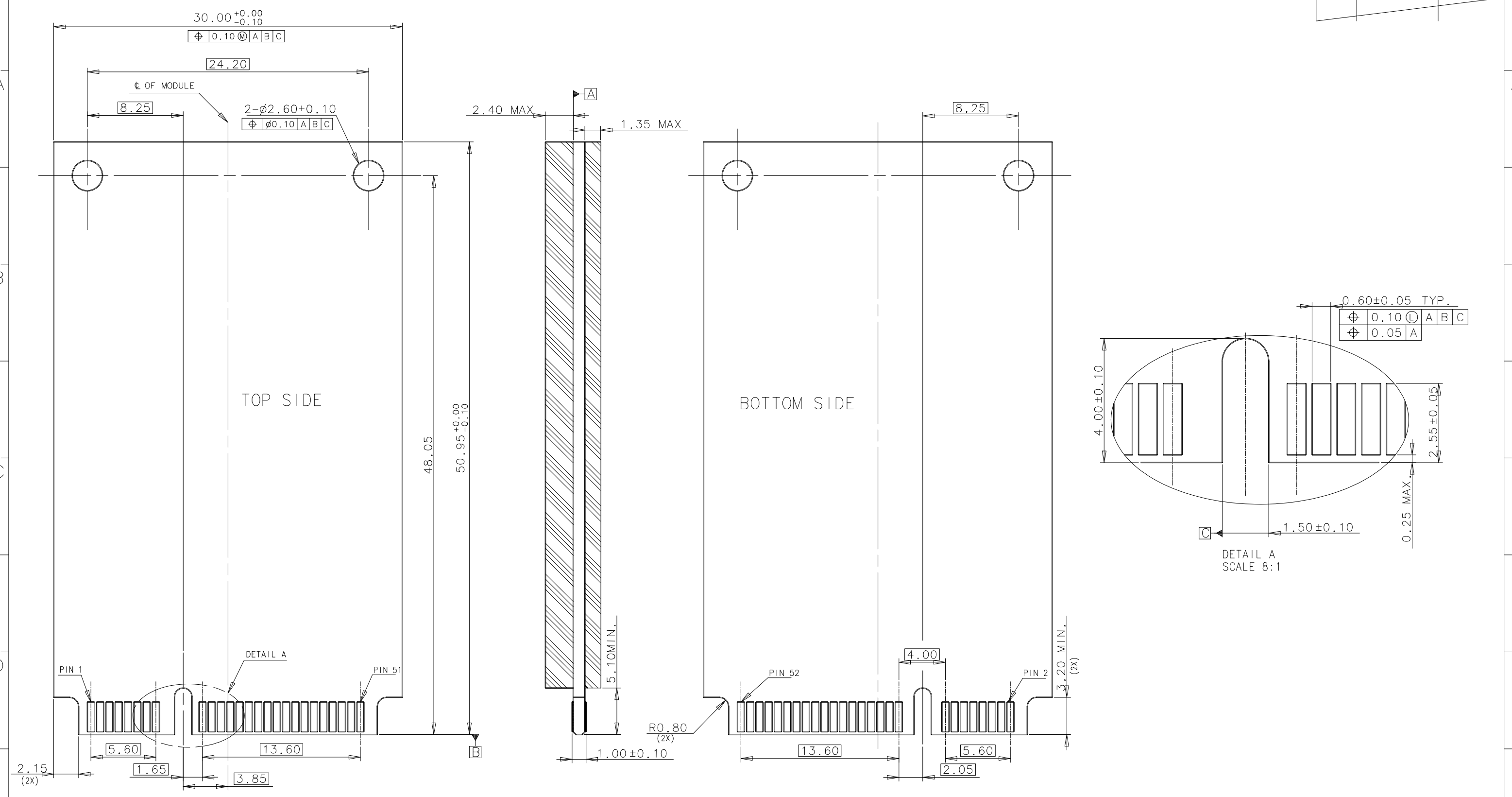


SINGLE LAYOUT FOR ASSEMBLY(CONNECTOR+CLIP+MODULE CARD+P.C.B)

x. ± 0.30	x° ±	UNITS	mm	NAME (INTENDED USE)	FOXCONN HON HAI PRECISION IND. CO., LTD. TAIPEI, TAIWAN, R.O.C.		
.x ± 0.25	.x° ±	MAT'L		MINI PCI EXPRESS CONNECTOR			
.xx ± 0.15	.xx° ±			PART NO. (INTENDED USE)	TITLE:		
.xxx ±	.xxx° ±	FINISH		ASOB22*-S40*-**	CUSTOMER DRAWING		
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				CHKD: Alex Wong	317-0100-084		
				DR: Liu Fenglan 9/25'08			
					SCALE	SHEET	REV.
					N/A	3/7	E

IDEAS GENERATED DRAWING, DO NOT CHANGE BY HAND

REV.	ECN.	NO.	APPD.

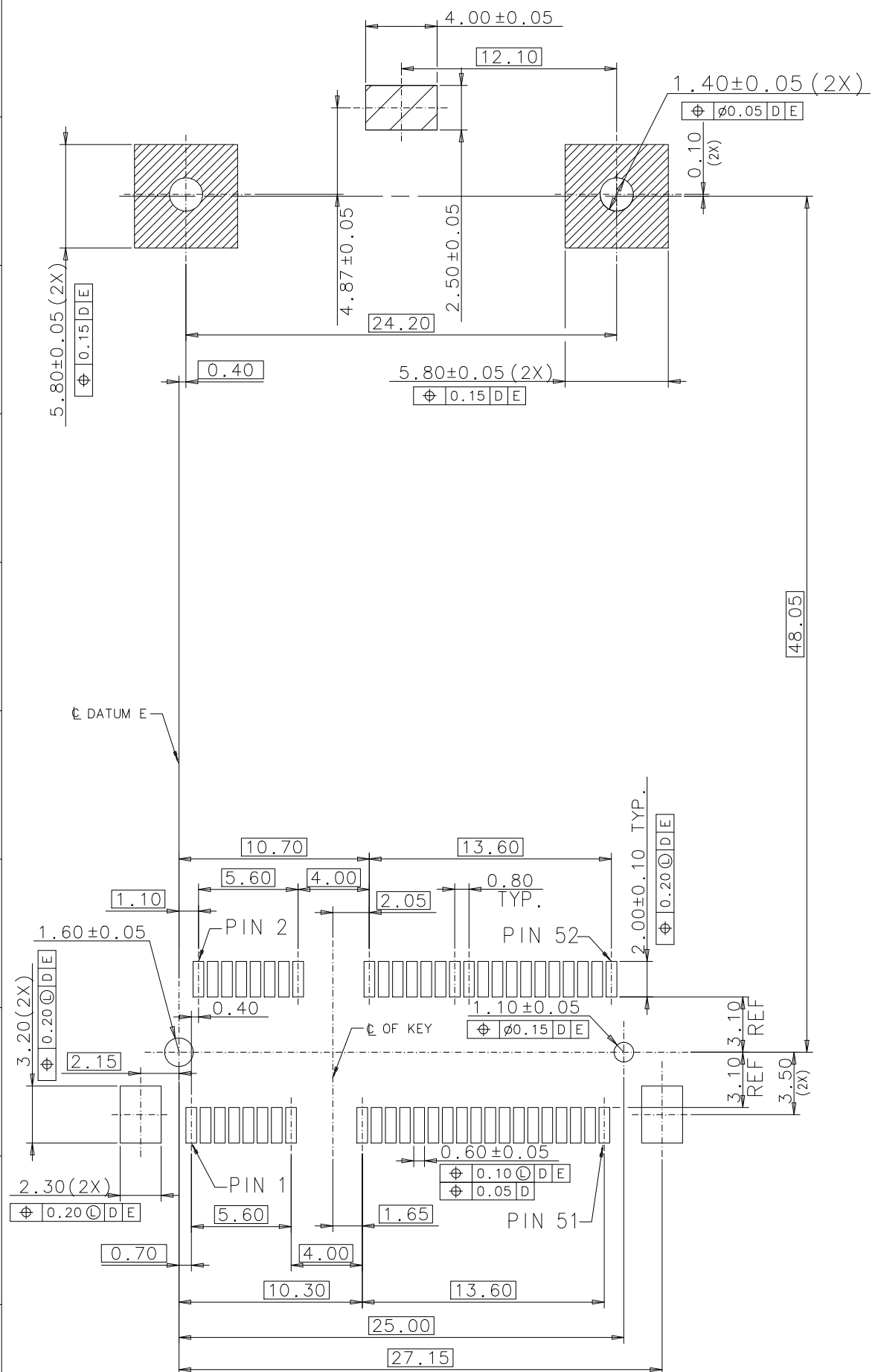


MINI PCI EXPRESS MODULE BOARD LAYOUT

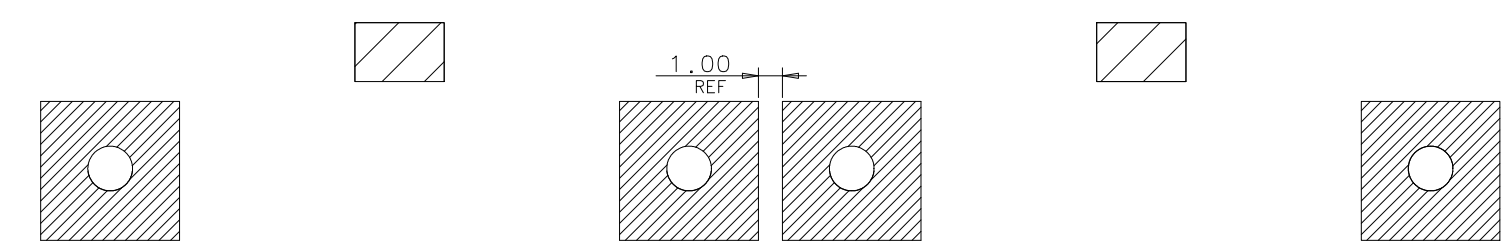
x. ± 0.30	x° ±	UNITS mm	NAME (INTENDED USE)	FOXCONN HON HAI PRECISION IND. CO., LTD. TAIPEI, TAIWAN, R.O.C.
.x ± 0.25	.x° ±		MAT'L	
.xx ± 0.15	.xx° ±	FINISH	PART NO. (INTENDED USE)	TITLE:
.xxx ±	.xxx° ±		ASOB22*-S40*-**	CUSTOMER DRAWING
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			CHKD: Alex Wong	317-0100-084
			DR: Liu Fenglan 9/25'08	SCALE SHEET REV.
			DR: Liu Fenglan 9/25'08	N/A 4/7 E

IDEAS GENERATED DRAWING, DO NOT CHANGE BY HAND

REV.	ECN.	NO.	APPD.



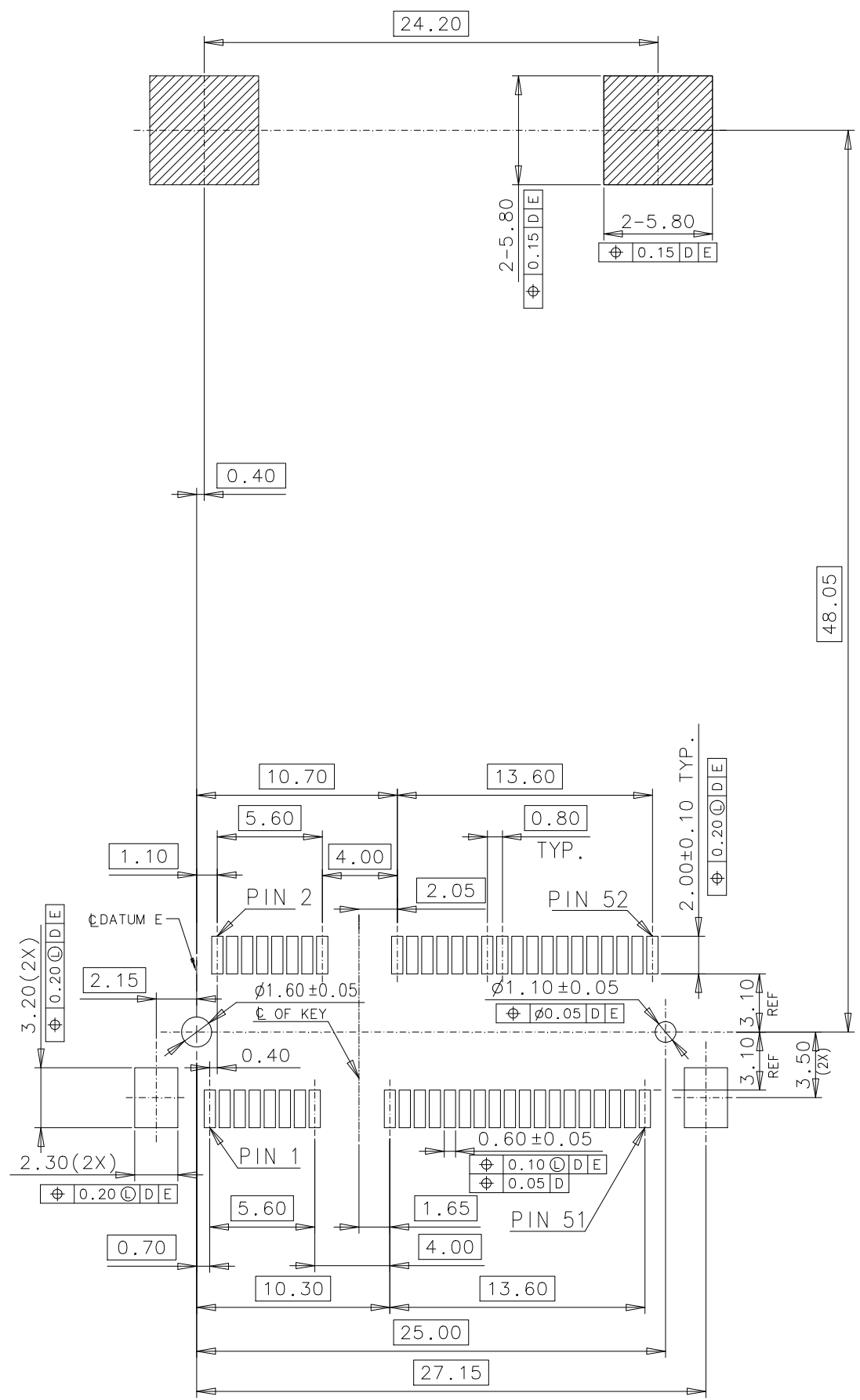
Datum D is the top surface of PCB
RECOMMENDED P.C.B. BOARD LAYOUT (WITH CLIP)



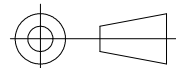
RECOMMENDED P.C.B. BOARD LAYOUT
(SIDE BY SIDE)

x. ± 0.30	x° ±	UNITS mm	NAME (INTENDED USE)	FOXCONN HON HAI PRECISION IND. CO., LTD. TAIPEI, TAIWAN, R.O.C.						
.x ± 0.25	.x° ±	MAT'L	MINI PCI EXPRESS CONNECTOR							
.xx ± 0.15	.xx° ±	FINISH	PART NO. (INTENDED USE)	TITLE:						
.xxx ±	.xxx° ±		ASOB22*-S40*-**	CUSTOMER DRAWING						
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			CHKD: Alex Wong	317-0100-084						
Q'TY			DR: Liu Fenglan 9/25'08	<table border="1"> <tr> <th>SCALE</th> <th>SHEET</th> <th>REV.</th> </tr> <tr> <td>N/A</td> <td>5/7</td> <td>E</td> </tr> </table>	SCALE	SHEET	REV.	N/A	5/7	E
			SCALE	SHEET	REV.					
N/A	5/7	E								

REV.	ECN.	NO.	APPD.

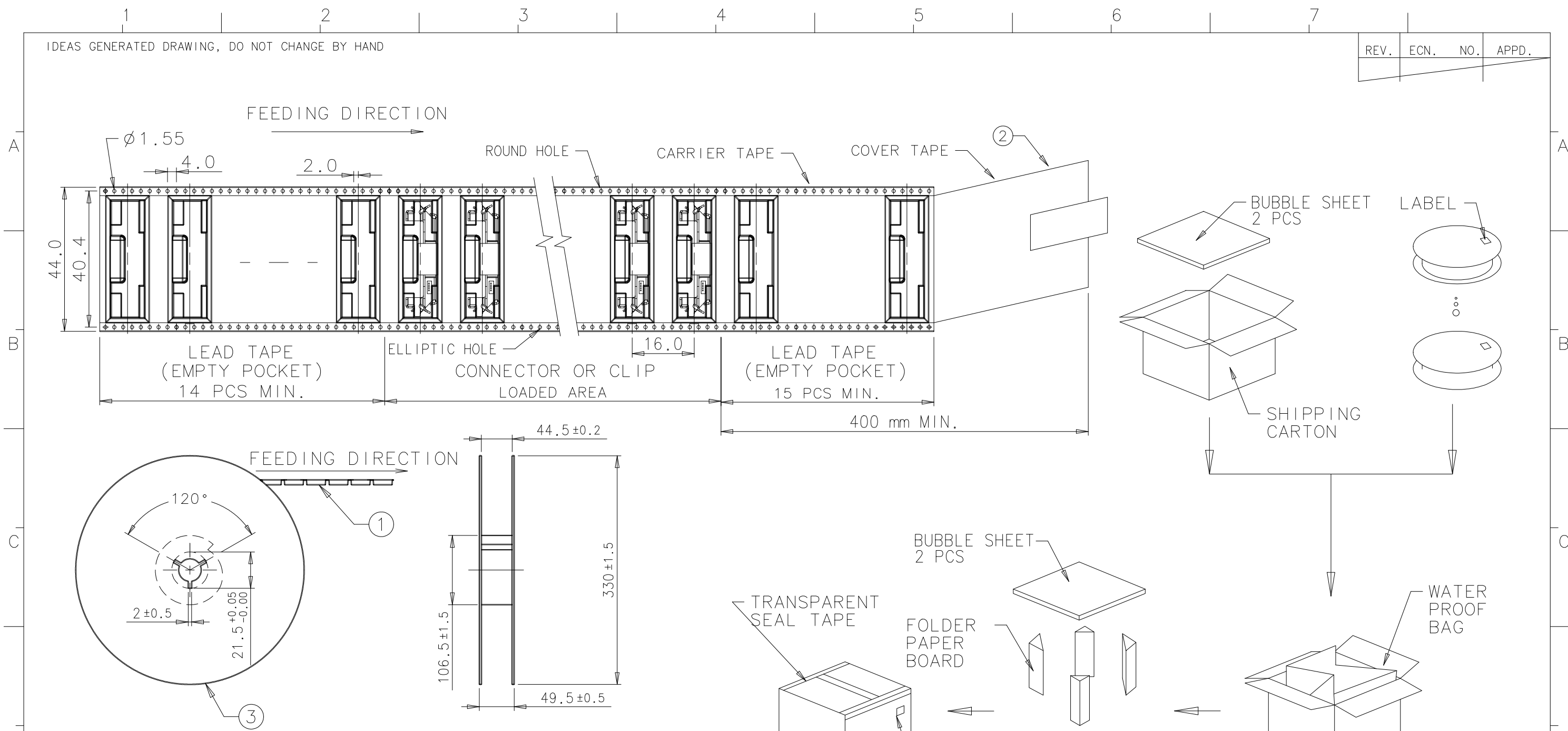


Datum D is the top surface of PCB
RECOMMENDED P.C.B. BOARD LAYOUT(WITH NUT)

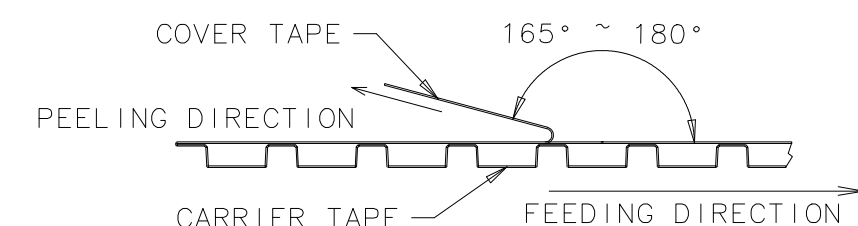
X. ± 0.15	X° ±	UNITS mm	NAME (INTENDED USE)	FOXCONN HON HAI PRECISION IND. CO., LTD. TAIPEI, TAIWAN, R.O.C.
.X ± 0.10	.X° ±		MINI PCI EXPRESS CONNECTOR	
.XX ± 0.05	.XX° ±	MAT'L	PART NO. (INTENDED USE)	TITLE:
.XXX ±	.XXX° ±		FINISH	ASOB22*-S40*-**
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			CHKD: Alex Wong	317-0100-084
Q'TY			DR: Liu Fenglan 9/25'08	SCALE
				SHEET
				REV.
				N/A
				6/7
				E

IDEAS GENERATED DRAWING, DO NOT CHANGE BY HAND

REV.	ECN.	NO.	APPD.



- NOTES:
1. 10 POCKETS HOLE PITCH CUMULATIVE TOLERANCE $\pm 0.20\text{mm}$.
 2. COVER TAPE PEELING STRENGTH : 0.15 Kgf MAX. AT 300mm/min.



3. PACKING CAPACITY :

PART No.	PCS / REEL	REEL / BOX	PCS / BOX
ASOB22*-S40N-7F	600	5	3000
ASOB22*-S40K-7F	500	5	2500

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

x.± 0.15	x°±	UNITS	mm	NAME (INTENDED USE)	FOXCONN HON HAI PRECISION IND. CO., LTD. TAIPEI, TAIWAN, R.O.C.	
.x± 0.10	.x°±	MAT'L		MINI PCI EXPRESS CONNECTOR		
.xx± 0.05	.xx°±			PART NO. (INTENDED USE)	TITLE:	
.xxx±	.xxx°	FINISH		ASOB22*-S40*-**	CUSTOMER DRAWING	
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				CHKD: Alex Wong	317-0100-084	
				DR: Liu Fenglan 9/25'08		
				SCALE	SHEET	REV.
				N/A	7/7	E

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