

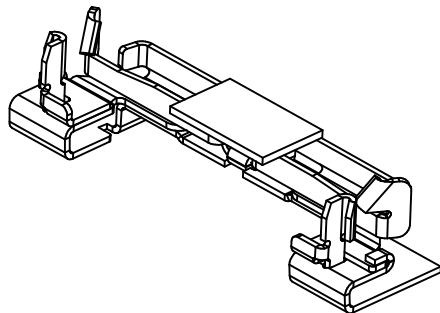


THE DATASHEET OF

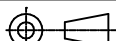
498-0091



REV.	ECN.	NO.	APPD.

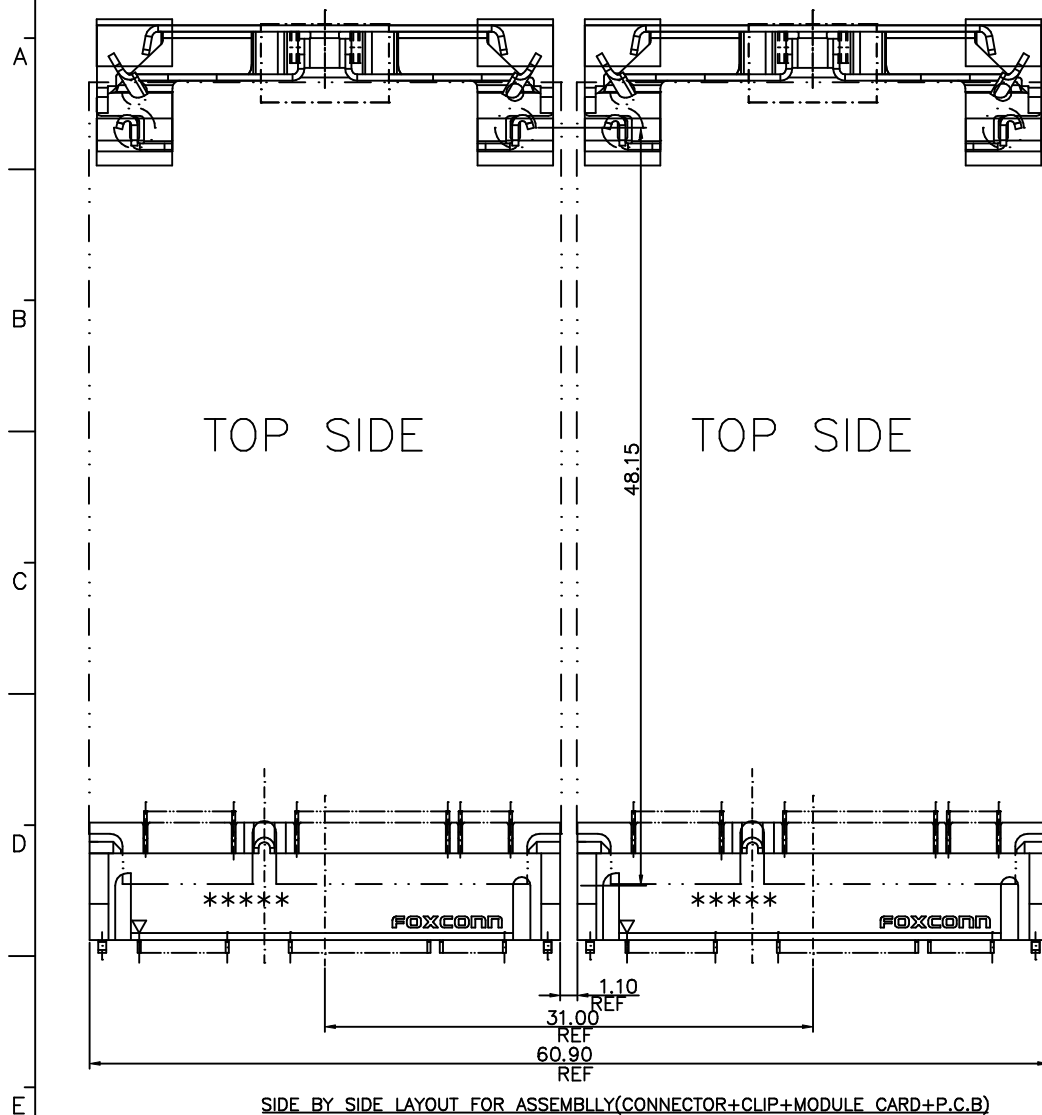


1. ELECTRICAL CHARACTERISTICS:
 - 1-1 CURRENT RATING: 0.75 A MAX per power contact.
 - 1-2 VOLTAGE RATING: 50 VAC per contact.
 - 1-3 LOW LEVEL CONTACT RESISTANCE: $55m\Omega$ max. initial, $\Delta R = 20m\Omega$ max.
 - 1-4 INSULATION RESISTANCE: $500M\Omega$ min. at 500 V DC.
 - 1-5 DIELECTRIC WITHSTANDING VOLTAGE: 300 V AC (RMS).
 - 1-6 INSERTION LOSS: $f \leq 1.25$ GHz: $\leq 1dB$; $1.25 < f \leq 3.75$ GHz: $\leq 1.6x(f-1.25)+1dB$
 - 1-7 RETURN LOSS: $f \leq 1.3GHz$: $\leq -12dB$; $1.3 < f \leq 2GHz$: $\leq -7dB$; $2 < f \leq 3.75GHz$: $\leq -4dB$
 - 1-8 CROSSTALK NEXT: $f \leq 1.25GHz$: $\leq -32dB$; $1.25 < f \leq 3.75GHz$: $\leq -(32-2.4x(f-1.25))$ dB
 - 1-9 TEMPERATURE RISE VERSUS CURRENT: $<30^{\circ}C$ 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: $-40^{\circ}C$ TO $+80^{\circ}C$.
 - 3-3 TEMPERATURE LIFE: Subject mated samples at $105 \pm 2^{\circ}C$ for 120 hours per EIA-364-17, method A.
 - 3-4 THERMAL SHOCK: Subject mated samples to 10 cycles between -55 to $85^{\circ}C$ per EIA-364-32C, condition I.
 - 3-5 CYCLIC TEMPERATURE & HUMIDITY: Subject mated samples to 24 cycles between -55 to $85^{\circ}C$ at 80% RH to $65^{\circ}C$ at 50% RH per EIA-364-31B.
 - 3-6 VIBRATION: Subject mated samples to 20 to 500 Hz, 3.1 g RMS random excitation 15 min. in each of the 3 axes and no discontinuity $>1\mu s$ is found per EIA-364-33C, 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 $>1\mu s$ 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 I.
 - 3-9 THERMAL DISTURBANCE: Subject mated samples to 10 cycles between -55 to $85^{\circ}C$ per EIA-364-32C, condition I.
4. PLEASE CONTACT FOXCONN SALES REPRESENTATIVE TO VERIFY PRODUCT DETAILS & AVAILABILITY.

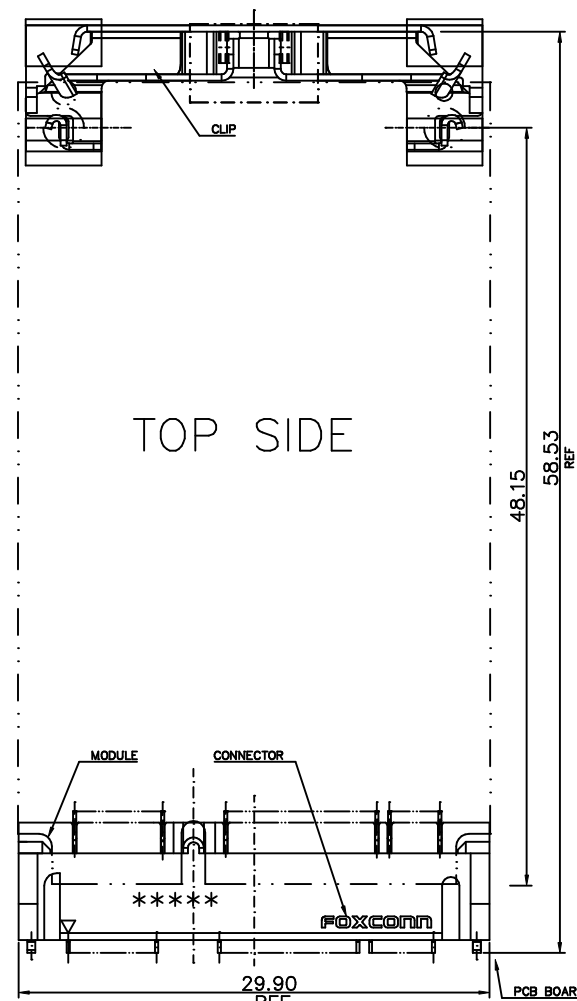
⑥	CAP	1	THERMOPLASTIC	UL94V-0, IVORY COLOR(IN ORDER TO PICK-UP,TAKE AWAY AFTER ASSEMBLY)					
⑤	CLIP(2)	1	STANLESS STEEL	Pd PLATING OVER SOLDER PAD AREA					
④	CLIP(1)	1	STANLESS STEEL	NO PLATING					
③	BOARD LOCK	2	COPPER ALLOY	PURE TIN OVER ALL					
②	CONTACT	52	PHOSPHOR BRONZE	NICKEL UNDER PLATING GOLD PLATING AT CONTACT AREA					
①	HOUSING	1	THERMOPLASTIC	UL94V-0, IVORY COLOR					
ITEM	DESCRIPTION	Q'TY	MATERIAL	TREATMENT					
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)	
.xxx±	.xxx*±							ASOB22*-S68*-**	
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF HON HAI PRECISION IND. CO., LTD. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF HON HAI PRECISION IND. CO., LTD.		FINISH	TITLE:	CUSTOMER DRAWING					
Q'TY							APPD:		
							Bruce Wu 4/23'06		
							CHKD:		
		Herry Yang 4/23'06		DWG NO.: 317-0000-1228					
		DR: Rechar.d.XIAO 4/21'06							
				SCALE	SHEET	REV.			
				N/A	2/6	A			

IDEAS GENERATED DRAWING, DO NOT CHANGE BY HAND

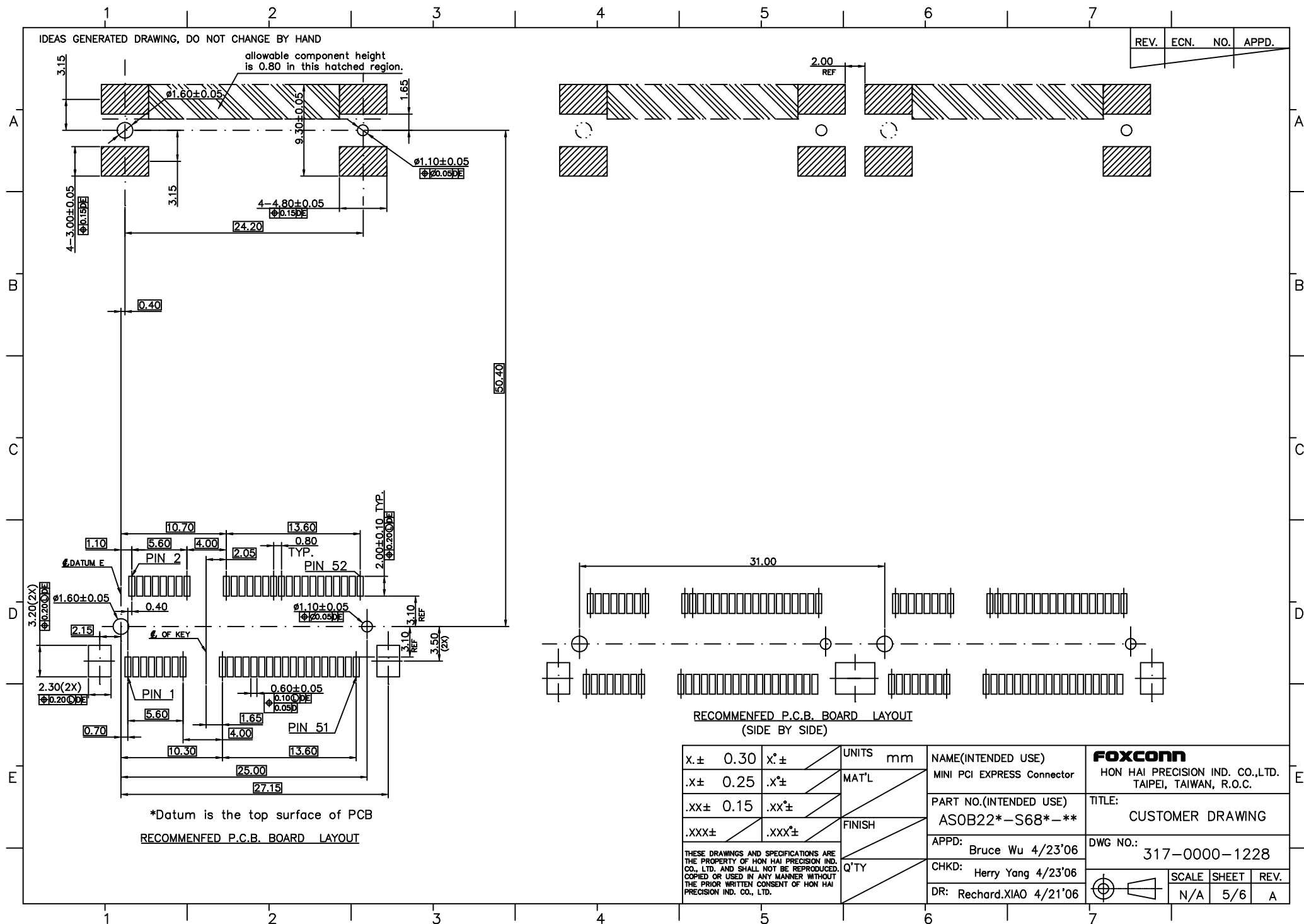
REV.	ECN.	NO.	APPD.



SINGLE LAYOUT



x.± 0.30	x°.±	UNITS mm	NAME(INTENDED USE)	FOXCONN
.x± 0.25	.x°.±	MAT'L	MINI PCI EXPRESS Connector	HON HAI PRECISION IND. CO.,LTD. TAIPEI, TAIWAN, R.O.C.
.xx± 0.15	.xx°.±	FINISH	PART NO.(INTENDED USE)	TITLE:
.xxx±	.xxx°.±	Q'TY	ASOB22*-S68*-**	CUSTOMER DRAWING
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF HON HAI PRECISION IND. CO., LTD. AND SHALL NOT BE REPRODUCED. COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF HON HAI PRECISION IND. CO., LTD.			APPD: Bruce Wu 4/23'06	DWG NO.: 317-0000-1228
			CHKD: Herry Yang 4/23'06	SCALE SHEET REV.
			DR: Rechard.XIAO 4/21'06	N/A 3/6 A



Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View 498-0091](#) on WIN SOURCE

 [Digi International](#) Information

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management