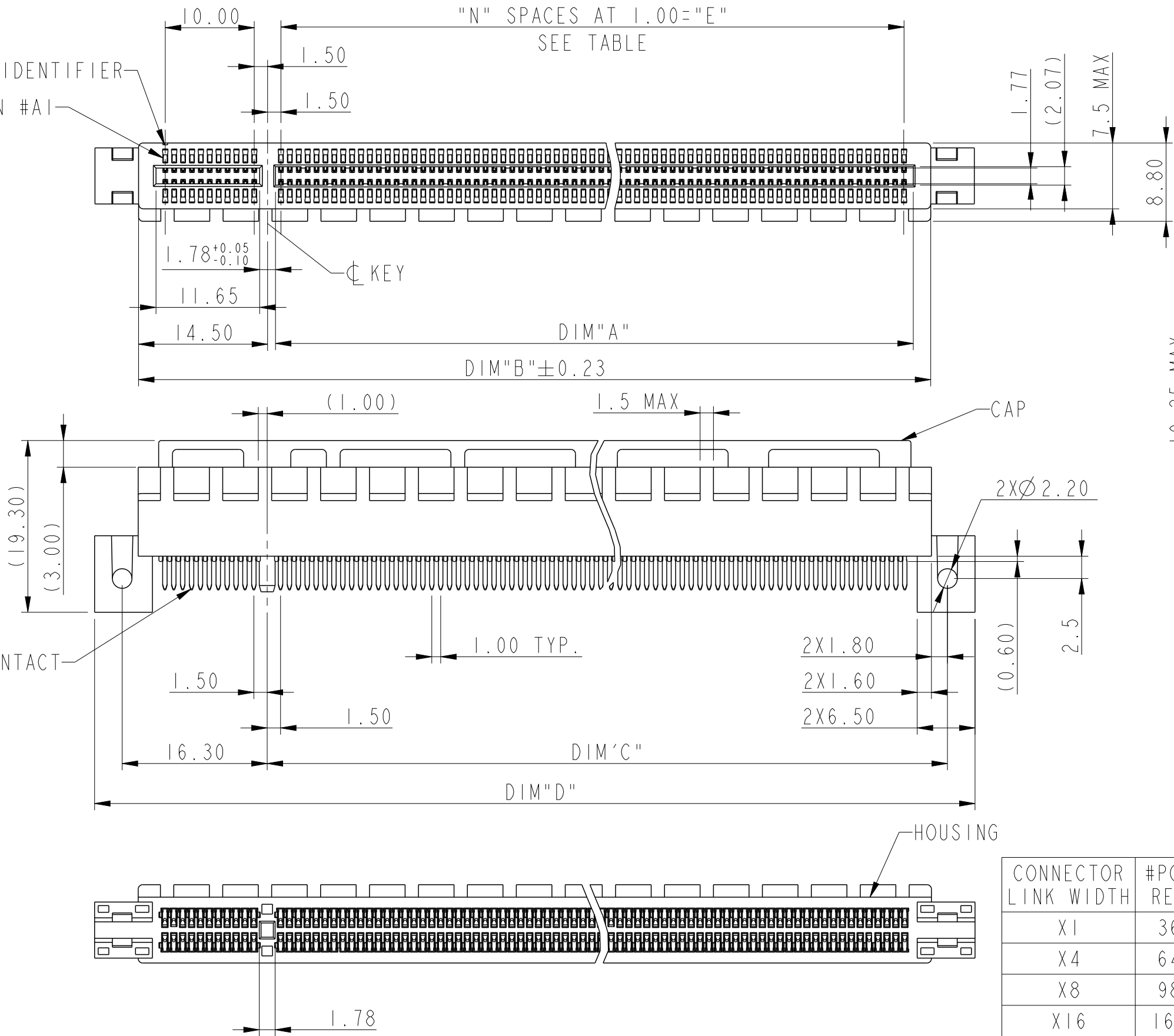


A

B

C

D



spec ref				dr		Jeny Ren	2017/11/01		projection				MM		size		A3	scale		2:1				
tolerance std ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Jeny Ren	2018/05/15						ecn no		ELX-DG-30127-1									
				chr		-	-																	
				appr		Nickor Zuo				2018/05/22		product family		rel level		Released								
surface 		linear		0.X		±0.30		Amphenol FCi		title		PCI EXPRESS 4.0		dwg no		10146027		rev		B				
																					0.XX		±0.20	
																					0.XXX		±0.1	
ASME Y14.5		angular		0°		±2°		www.fci.com		cat. no.		Product-Customer Drw		sheet 1 of 4										

A

B

C

D

A

B

C

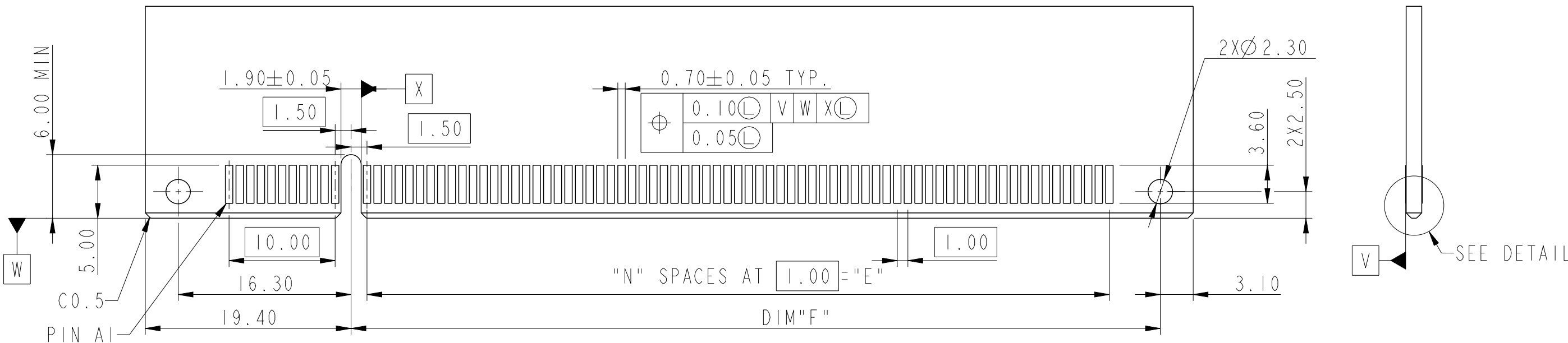
D

A

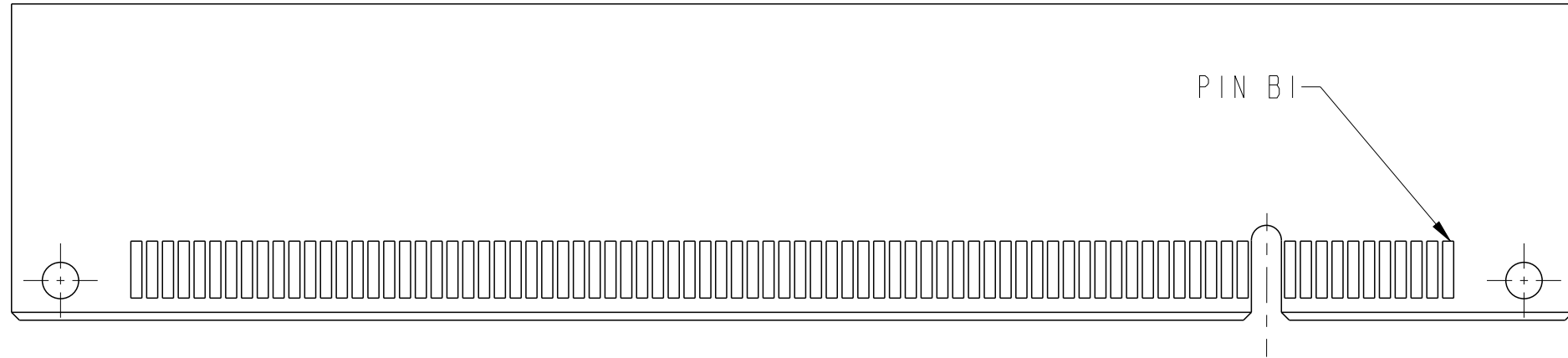
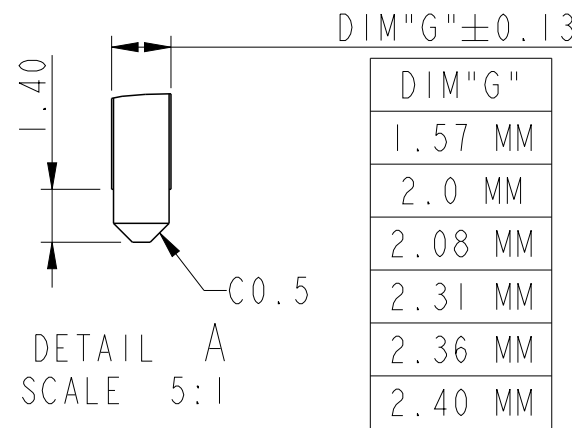
B

C

D



SEE DETAIL A



RECOMMENDED PCB LAYOUT

POSITION	N	DIM'F'
36	6	12.30
64	20	26.30
98	37	43.30
164	70	76.30

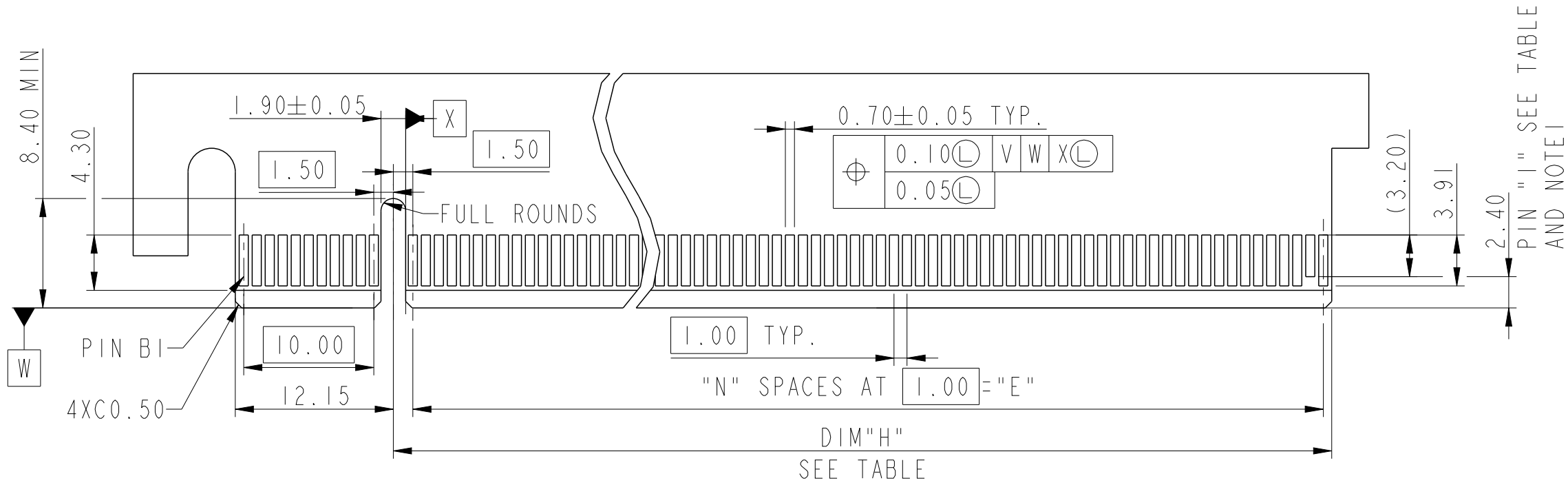
spec ref				dr		Jeny Ren	2017/11/01		projection 		MM 		size		scale								
tolerance std				eng		Jeny Ren	2018/05/15						A3				2:1						
ASME Y14.5				chr		-	-						ecn no				ELX-DG-30127-1						
				appr		Nickor Zuo		2018/05/22		product family				rel level				Released					
surface 		linear		0.X		±0.30		Amphenol FCi		title		PCI EXPRESS 4.0				dwg no		10146027		rev		B	
				0.XX		±0.20																	
				0.XXX		±0.1																	
ASME Y14.5		angular		0°		±2°		www.fci.com		cat. no.				Product-Customer Drw				sheet 2 of 4					

A

B

C

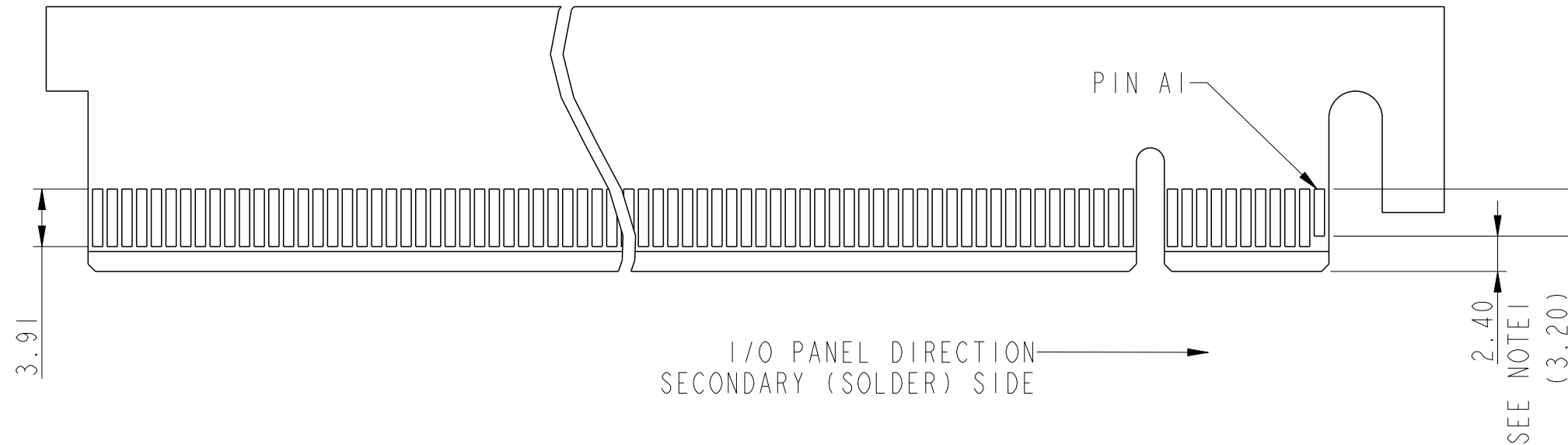
D



I/O PANEL DIRECTION
PRIMARY (COMPONENT) SIDE

NOTES:

1. NO TIE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PINS AI AND PIN "I".
2. CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.
3. TOLERANCE : ± 0.13



POSITION	N	DIM"H"	PIN "I" (SEE NOTE 1)
36	6	8.15	B17
64	20	22.15	B31
98	37	39.15	B48
164	70	72.15	B81

spec ref	dr	Jeny Ren	2017/11/01	projection	MM	size	A3	scale	2:1
tolerance std	eng	Jeny Ren	2018/05/15	chr	-	ecn no	ELX-DG-30127-1	rel level	Released
ASME Y14.5	app	Nickor Zuo	2018/05/22	product family	PCI EXPRESS 4.0	dwg no	10146027	rev	B
surface	linear	0.X	±0.30	Amphenol FCI	STRADDLE MOUNT	cat. no.	Product-Customer Drw	sheet 3 of 4	
ASME Y14.5	angular	0°	±2°	www.fci.com					

NOTES:

- MATERIAL:
HOUSING: HIGH PERFORMANCE RESINS,BLACK,UL94 V-0 RATED.
CAP:HIGH PERFORMANCE RESINS,BLACK.
CONTACT: COPPER ALLOY.
- PLATING:
UNDERPLATE: 50 u" MIN NICKEL OVER ALL
SOLDER AREA: 100 u" MIN TIN(LEAD FREE)
MATING AREA: SEE PRODUCT PART NUMBER.
- PRODUCT SPECIFICATION: GS-12-1193
- PACKAGE SPECIFICATION: GS-14-2401.
- PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- ONLY P/N 10146027-XXXX10XX CAN GO IR REFLOW PROCESS.
- THIS PRODUCT WILL WITHSTAND EXPOSURE TO 260°C PACK TEMPERATURE
FOR 10 SECONDS IN REFLOW SOLDERING APPLICATION.
- DATE CODE BE PRINTED ON PROPER SURFACE.

PRODUCT PART NUMBER:

10146027- X X X X X X X X

NO. OF POSITION
36:36 POSITIONS
64:64 POSITIONS
98:98 POSITIONS
A4:164 POSITIONS

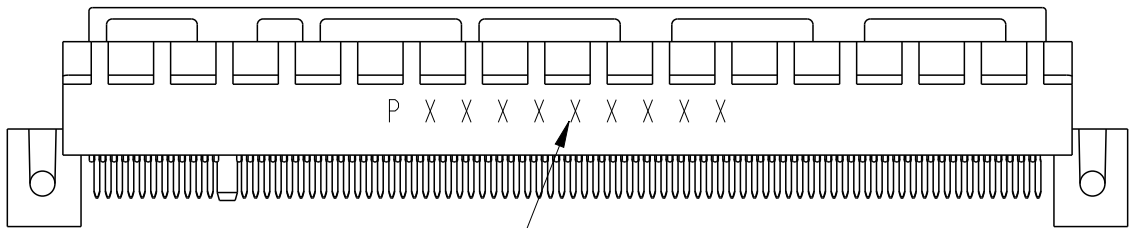
PCB THICKNESS OPTION
0:1.57 MM
1:2.0/2.08 MM
2:2.31/2.36/2.4 MM

LEAD FREE OPTION
LF:LEAD FREE

RESERVE
0

CAP OPTION (SEE NOTE 6)
0:WITHOUT CAP
1:CAP

CONTACT PLATING
0:15 u" Au
1:30 u" Au
2:15 u" GXT



DATA CODE INFORMATION

P X X X X X X X X X

PRODUCTION LINE CODE
DATE CODE THROUGH 01 TO 31
WEEK NUMBER 01 THROUGH 53
YEAR CODE; MOST RIGHT OF DIGIT
OF PRODUCTION.(e.g 2007=7)
MANUFACTURE SITE; 2 FOR DONGGUAN
SOURCE,P FOR CHINA

spec ref				dr		Jeny Ren	2017/11/01		projection			MM		size		A3	scale		2:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Jeny Ren	2018/05/15							ecn no		ELX-DG-30127-1			
ASME Y14.5				chr		-		-						rel level		Released			
				appr		Nickor Zuo		2018/05/22						product family					
surface			linear	0.X	±0.30		Amphenol FCI		title		PCI EXPRESS 4.0		dwg no		10146027		rev		B
				0.XX	±0.20														
				0.XXX	±0.1														
ASME Y14.5			angular	0°	±2°		www.fci.com		cat. no.		Product-Customer Drw				sheet 4 of 4				

Mouser Electronics

Authorized Distributor

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