10119189 - X 0 C - X X X LF

LEAD-FREE DESIGNATION ONLY WITH APPLICABLE PLATING CODES

6-COLUMN DIFFERENTIAL SIGNAL

LETTER	PERFORMANCE-BASED PLATING (SEE NOTE 2)	
	TARGET APPLICATION	LEAD-FREE (LF)
B	TELCORDIA CO	NO
C	TELCORDIA UE	NO
D	TELCORDIA CO	YES
E	TELCORDIA UE	YES

NUMBER	GUIDE PIN STYLE, HEIGHT
0	STANDARD GUIDE PIN MACHINED, 31.6mm
4	STANDARD GUIDE PIN MACHINED, 25.7mm

NUMBER	CONTACT MATING WIPE LENGTH		COMPLIANT PIN DRILL SIZE
	SIGNAL	GROUND	
1	2	4	Ø0.55 [0.0217"]
2	3	4	Ø0.55 [0.0217"]
3	2	4	Ø0.45 [0.0177"]
4	3	4	Ø0.45 [0.0177"]
5	2	3	Ø0.55 [0.0217"]
6	3	3	Ø0.55 [0.0217"]
7	2	3	Ø0.45 [0.0177"]
8	3	3	Ø0.45 [0.0177"]

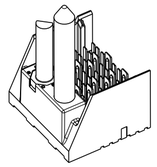
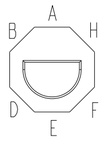
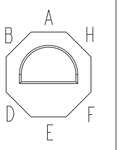
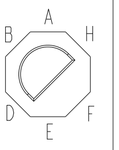
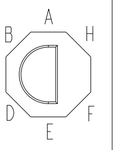
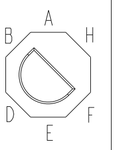
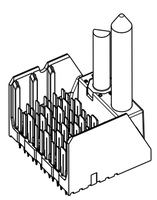
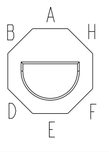
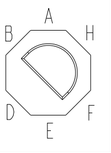
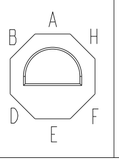
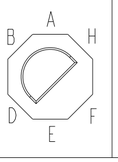
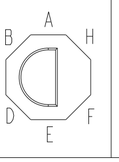
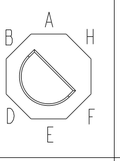
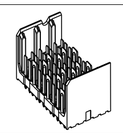
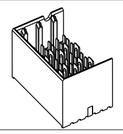
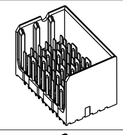
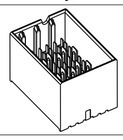
MODULE DESCRIPTION	LETTER DESIGNATION REPRESENTED IN DASH NUMBER									BASE MODULE
LEFT POLARIZING GUIDANCE MODULE (SEE SHEET 3)	J	A	B	C	D	E	F	G	H	
										
RIGHT POLARIZING GUIDANCE MODULE (SEE SHEET 4)	Y	P	Q	R	S	T	U	V	W	
										
OPEN MODULE (TWO WALL) (SEE SHEET 2)	0 (ZERO)									
LEFT WALL MODULE (SEE SHEET 5)	L									
RIGHT WALL MODULE (SEE SHEET 6)	M									
FOUR WALL MODULE (SEE SHEET 7)	I (ONE)									

TABLE 1: OPTIONAL PCB HOLE SIZE (SEE NOTE 11)

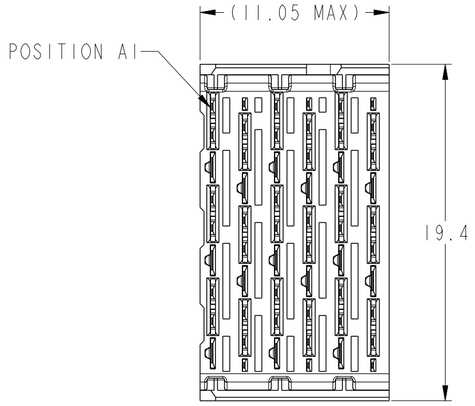
	GROUNDED	UNGROUNDED
FINISHED	Ø2.35-2.55	Ø2.35-2.55
PAD	Ø5.50	N/A
PLATED	YES	NO
DRILL (mm/in)	2.58/.1015	2.44/.096

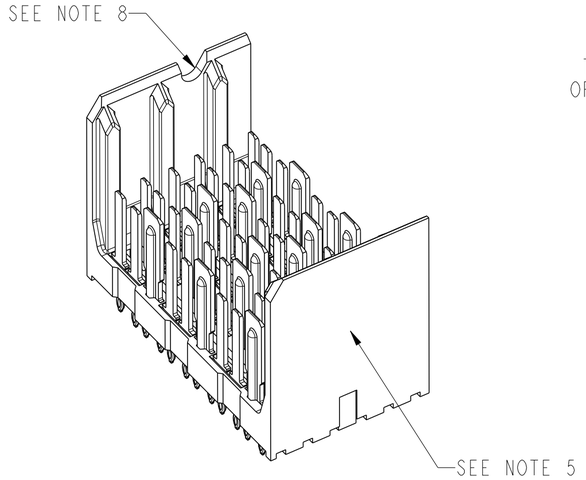
TABLE 2: OPTIONAL SCREW TYPE (SEE NOTE 10)

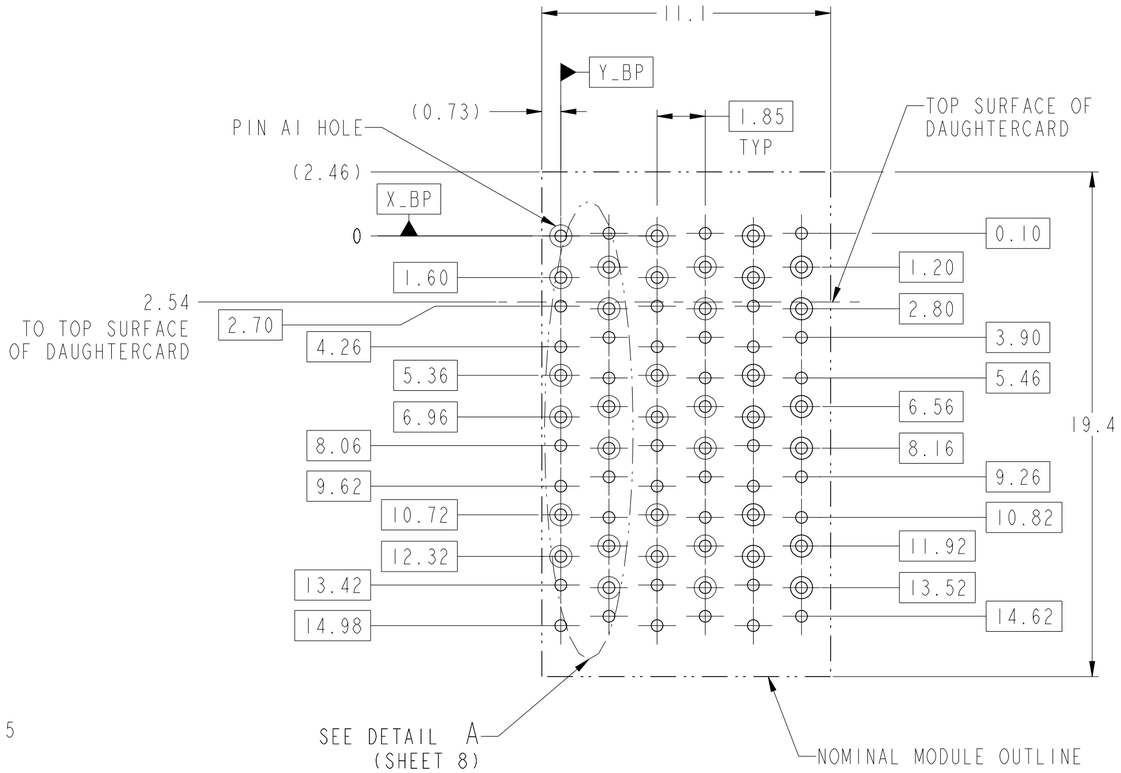
SCREW P/N	DESCRIPTION	BOARD THICKNESS
10091790-002LF	#2.56 X .375" PHILIPS PANHEAD W/SQ CONICAL WASHER	1.60 - 5.00
10091790-003LF	#2.56 X .500" PHILIPS PANHEAD W/SQ CONICAL WASHER	5.00 - 10.00

spec ref	-		dr	Roger Ng	2011/11/22	projection	MM
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Sandar Soe	2014/10/02		
- ASME Y14.5			chr	-	-	size A2	scale 4:1
			appr	Chen-Hong Tan	2014/12/10	ecn no ELX-S-18843-1	
surface	linear	0.X ±0.2				product family XCEDE	rel level Released
		0.XX ±0.10	FCI	title	MODULE ASSEMBLY	dwg no 10119189	rev B
ASME Y14.5		0.XXX ±0.050			VERTICAL HEADER, 6 COLUMN, 3 PAIR		
	angular	0° ±2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 1 of 8

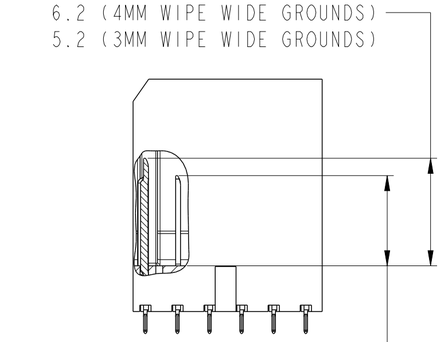
OPEN (2- WALL) MODULE

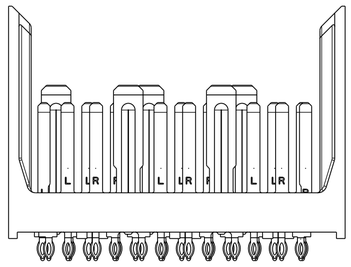


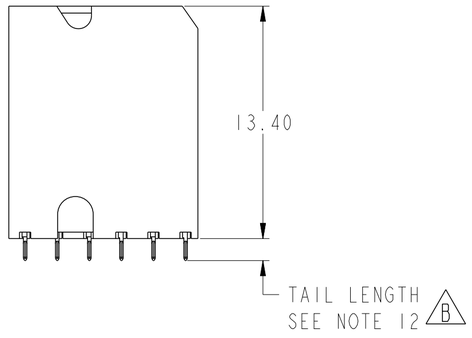




PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1

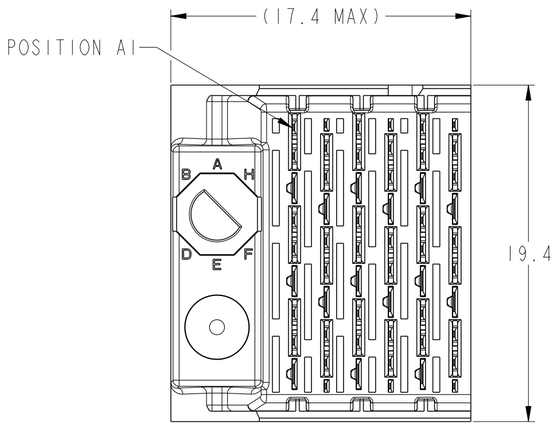


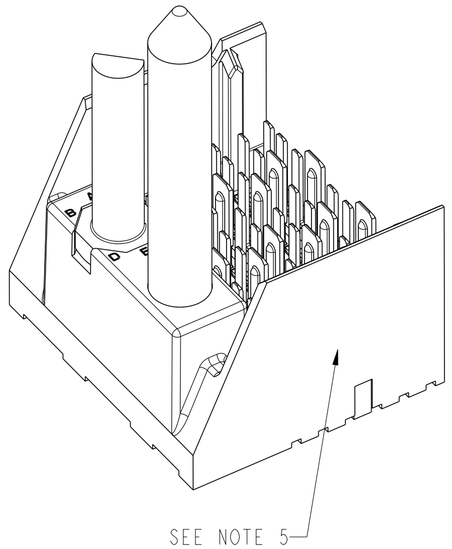


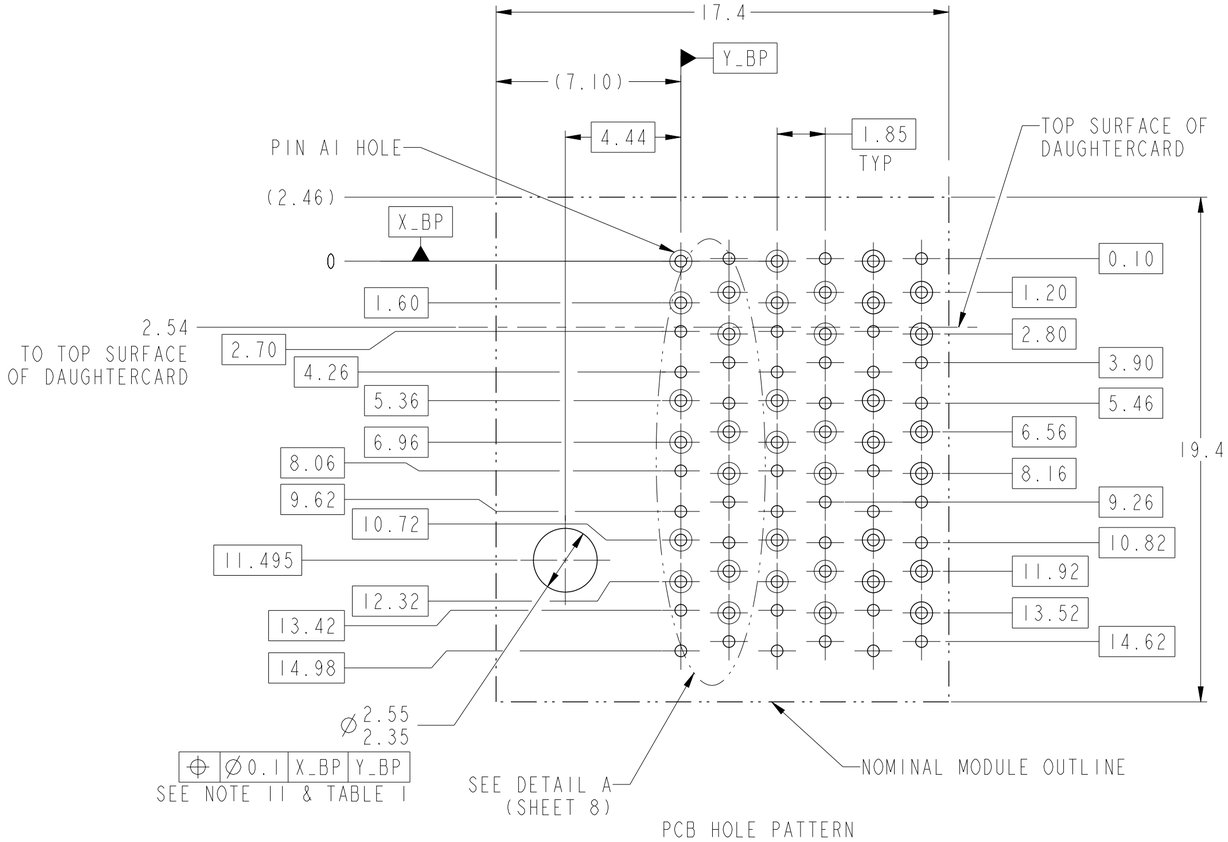


spec ref	-			dr	Roger Ng	2011/11/22	projection	MM	size A2	scale 4:1
tolerance std - ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Sandar Soe	2014/10/02			ecn no	ELX-S-18843-1
				chr	-	-				
				appr	Chen-Hong Tan	2014/12/10	product family	XCEDE	rel level	Released
surface ASME Y14.5	linear	0.X	±0.2	FCI	title	MODULE ASSEMBLY	dwg no	10119189	rev	B
		0.XX	±0.10			VERTICAL HEADER, 6 COLUMN, 3 PAIR				
		0.XXX	±0.050							
	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw		sheet 2 of 8	

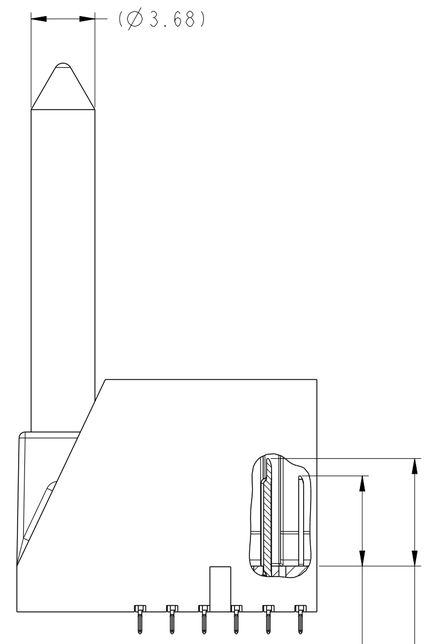
LEFT POLARIZING/GUIDE MODULE

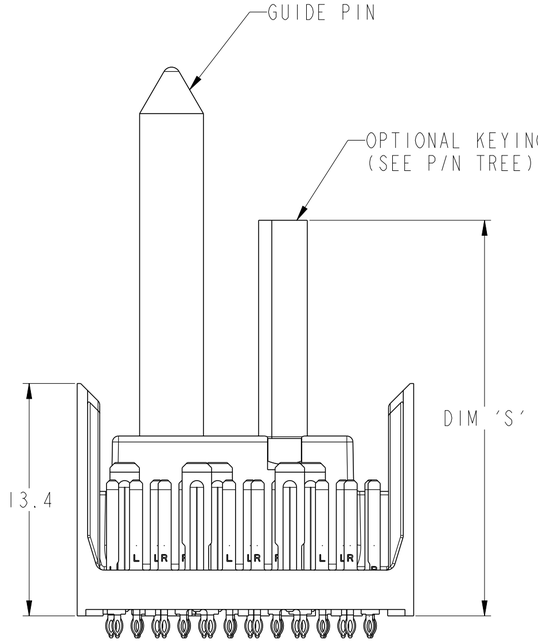


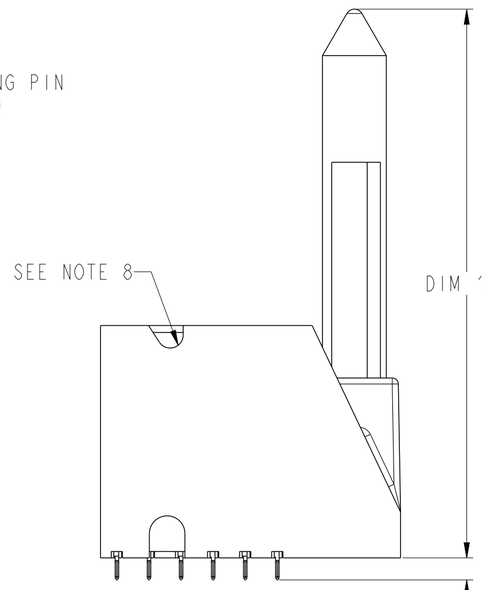




PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1



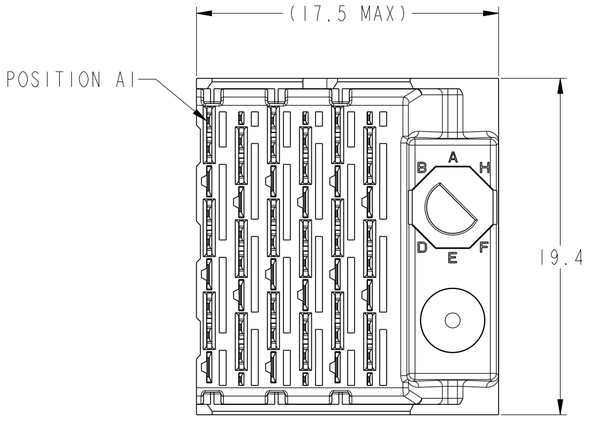


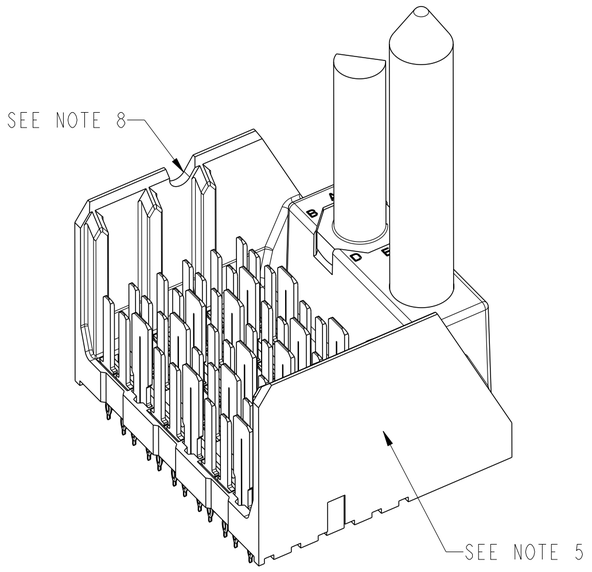


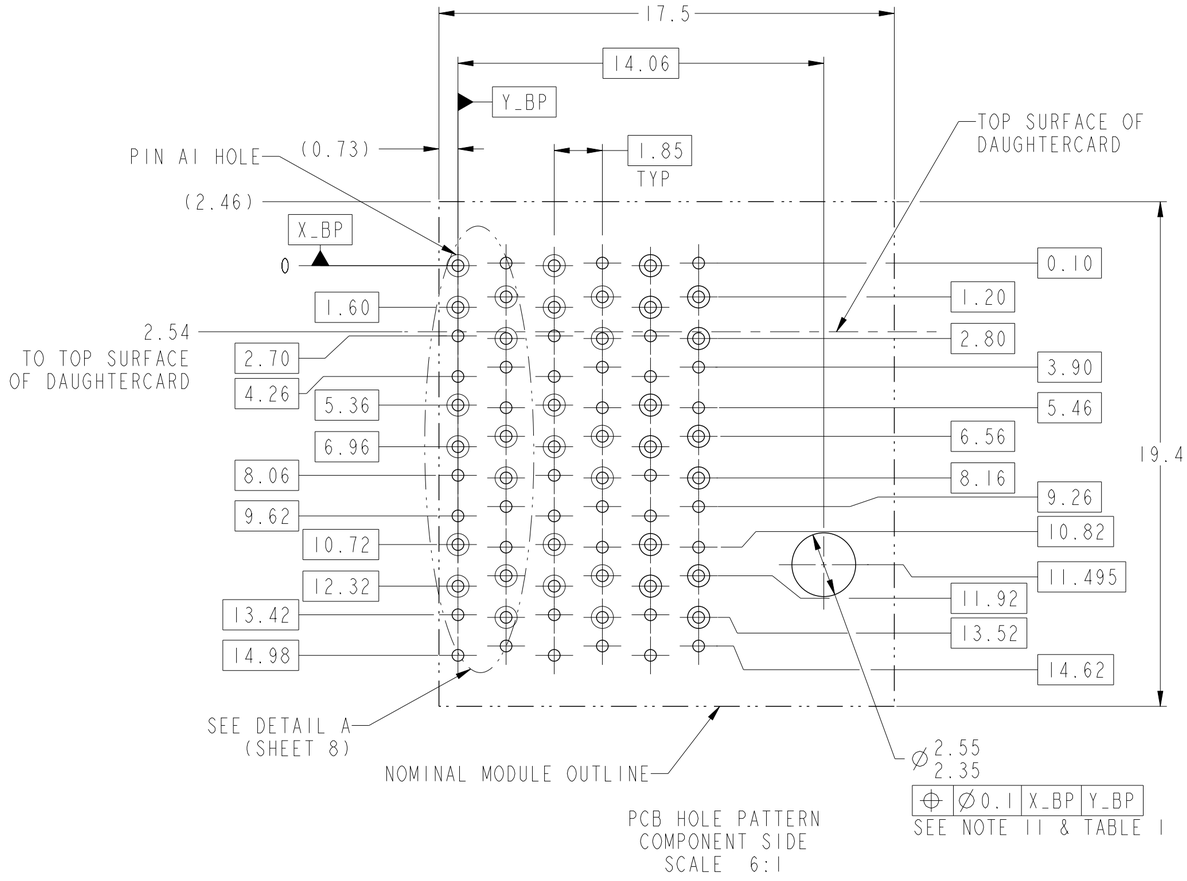
ASSEMBLY BASE CONFIGURATION END DASH NO.	GUIDE PIN	POLARIZING KEY
	DIM 'R'	DIM 'S'
-X0X	31.6mm	22.8mm
-X4X	25.7mm	20.0mm

spec ref -			dr	Roger Ng	2011/11/22	projection	MM
tolerance std - ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Sandar Soe	2014/10/02		size A2 / scale 4:1
			chr	-	-		ecn no ELX-S-18843-1
			appr	Chen-Hong Tan	2014/12/10	product family XCEDE	rel level Released
surface ASME Y14.5	linear	0.X ±0.2	FCI	title	MODULE ASSEMBLY	dwg no 10119189	rev B
		0.XX ±0.10			VERTICAL HEADER, 6 COLUMN, 3 PAIR		
		0.XXX ±0.050					
	angular	0° ±2°	www.fci.com	cat. no. -	Product - Customer Drw		sheet 3 of 8

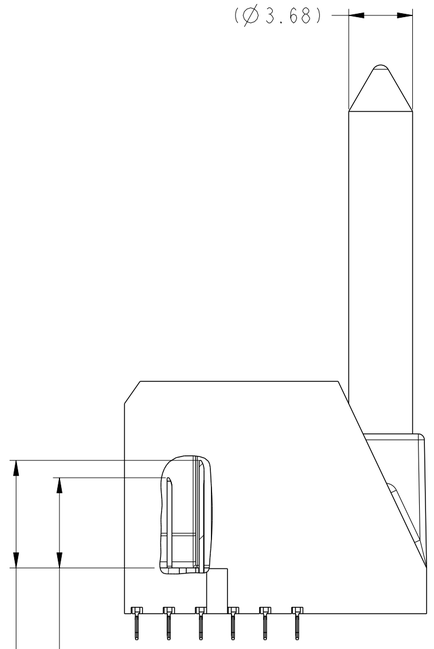
RIGHT POLARIZING/GUIDE MODULE

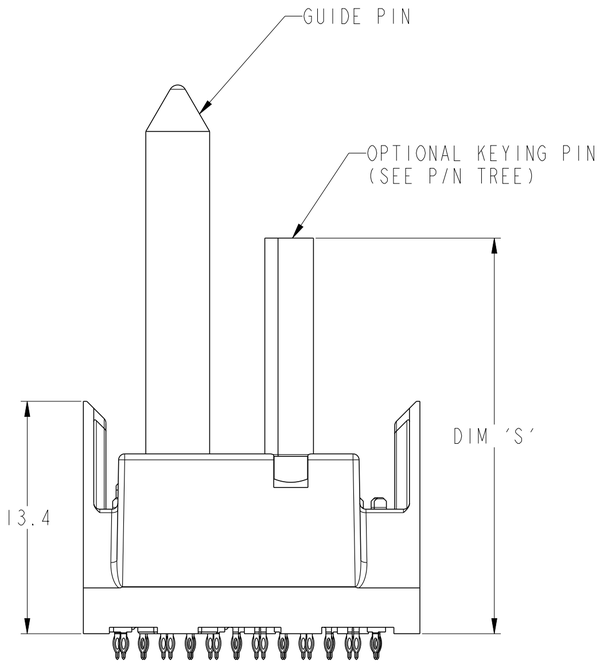


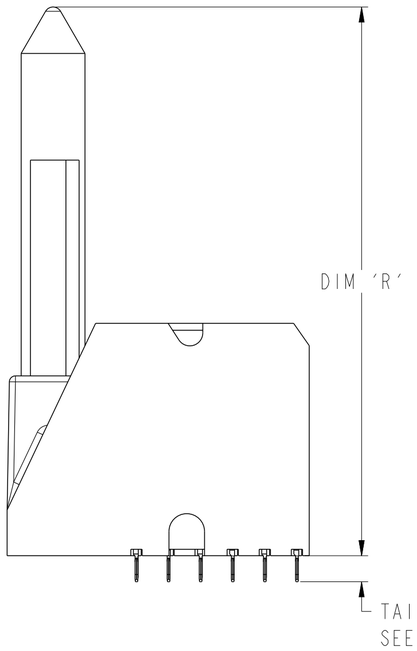




PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1





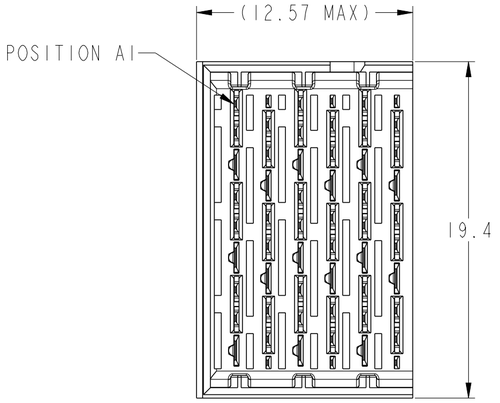


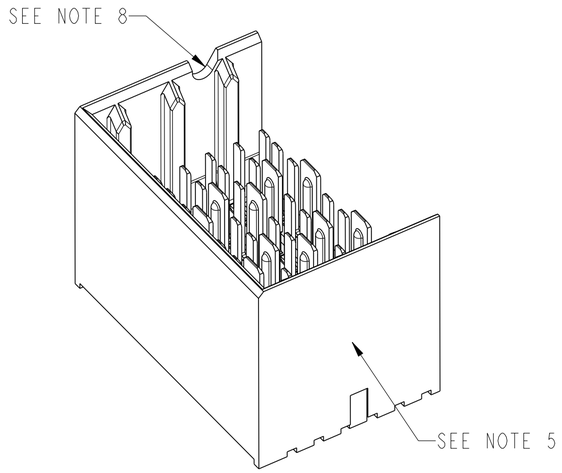
ASSEMBLY BASE CONFIGURATION END DASH NO.	GUIDE PIN	POLARIZING KEY
	DIM 'R'	DIM 'S'
-X0X	31.6mm	22.8mm
-X4X	25.7mm	20.0mm

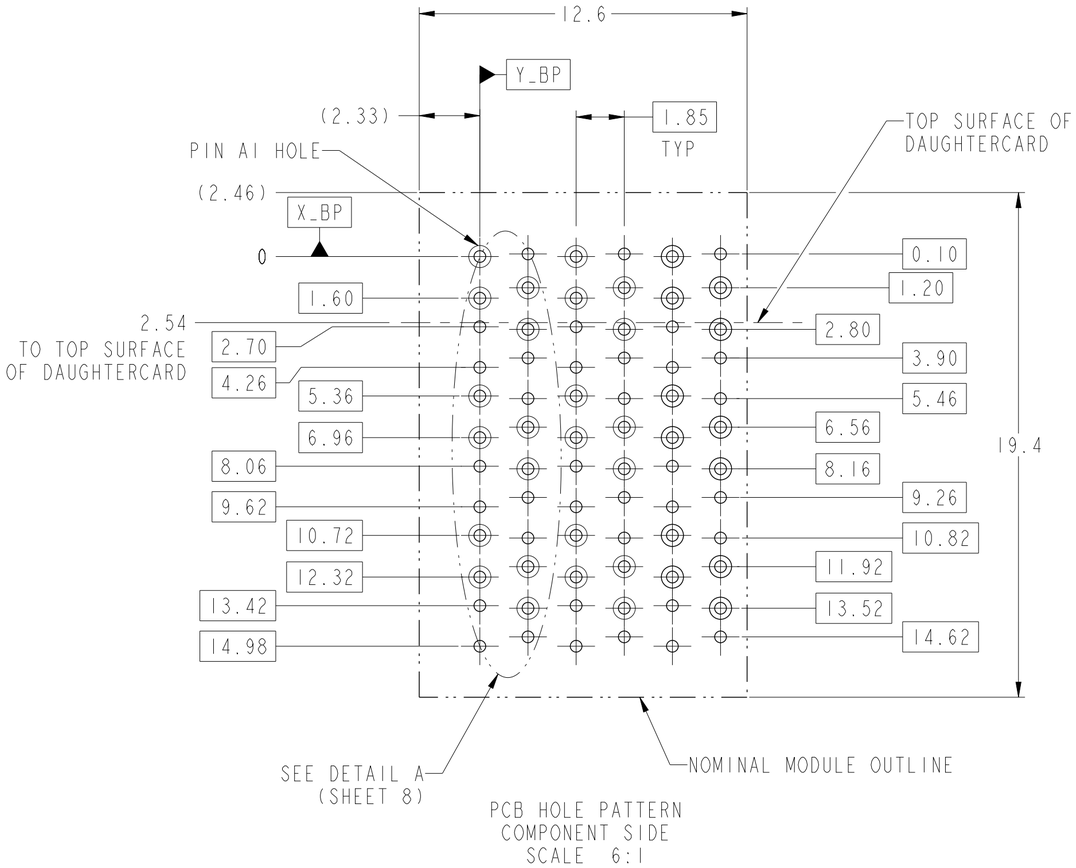
spec ref	-		dr	Roger Ng	2011/11/22	projection	MM
tolerance std - ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Sandar Soe	2014/10/02		
			chr	-	-		
			appr	Chen-Hong Tan	2014/12/10	product family	XCEDE
surface ✓ ASME Y14.5	linear	0.X	±0.2	FCI www.fci.com	title	MODULE ASSEMBLY VERTICAL HEADER, 6 COLUMN, 3 PAIR	
		0.XX	±0.10				
		0.XXX	±0.050				
	angular	0°	±2°		cat. no.	-	Product - Customer Drw

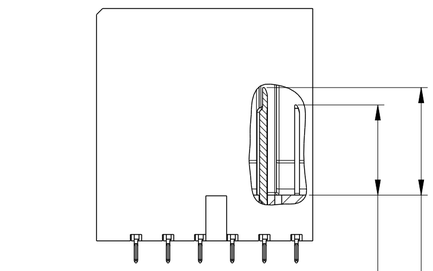
size A2	scale 4:1		
ecn no ELX-S-18843-1			
rel level Released			
dwg no 10119189	rev B		
sheet 4 of 8			

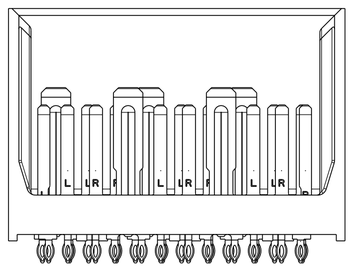
LEFT WALL MODULE

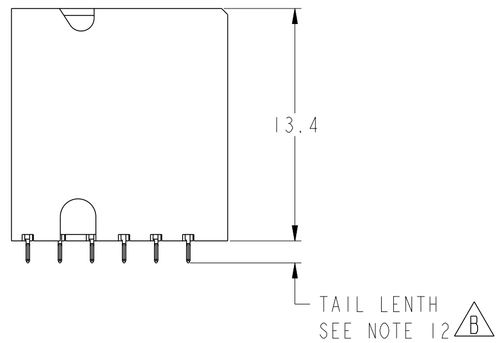






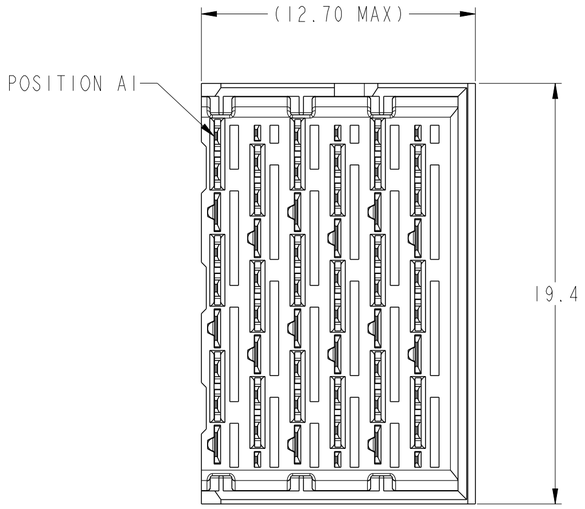


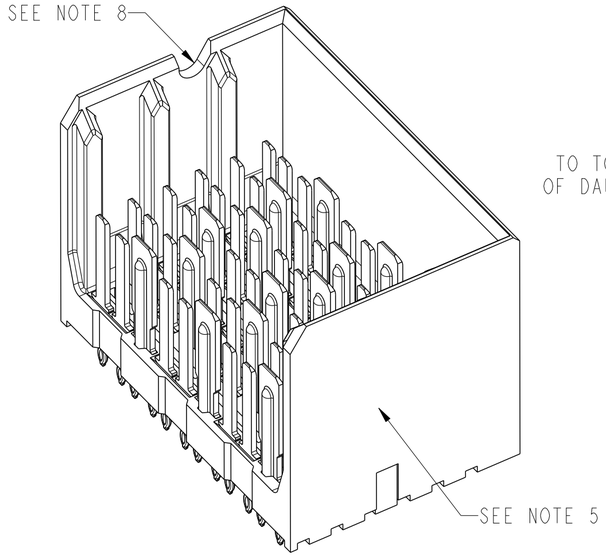


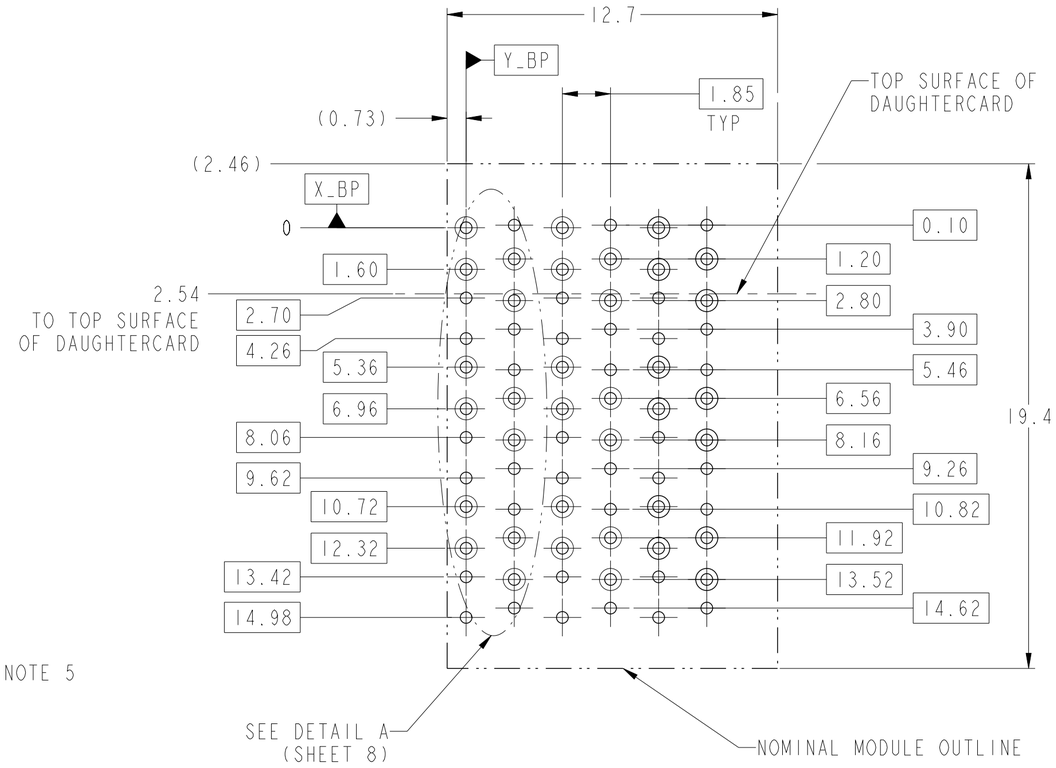


spec ref	-		dr	Roger Ng	2011/11/22	projection	MM	size A2 / scale 4:1
tolerance std - ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Sandar Soe	2014/10/02			ecn no ELX-S-18843-1
			chr	-	-			
			appr	Chen-Hong Tan	2014/12/10	product family XCEDE		rel level Released
surface ASME Y14.5	linear	0.X ±0.2	FCI	title: MODULE ASSEMBLY			dwg no 10119189	rev B
		0.XX ±0.10		VERTICAL HEADER, 6 COLUMN, 3 PAIR				
		0.XXX ±0.050						
	angular	0° ±2°	www.fci.com	cat. no. -		Product - Customer Drw		sheet 5 of 8

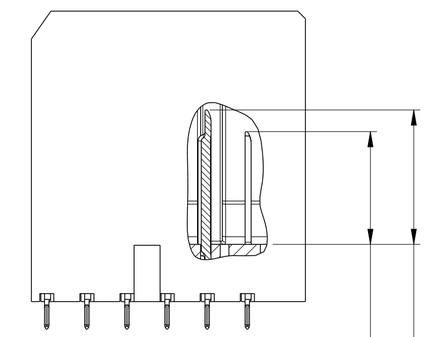
RIGHT WALL MODULE





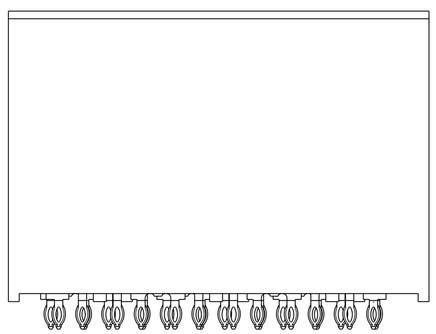


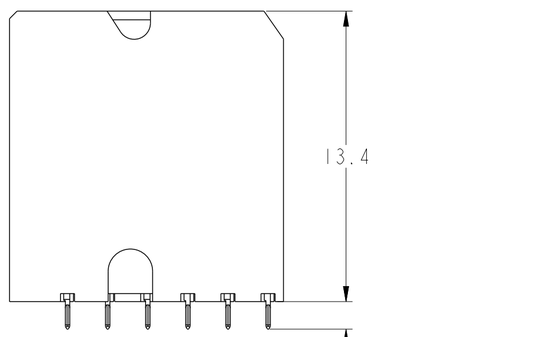
PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1



5.2 (3MM SMALL END GROUNDS)
5.2 (3MM WIPE SIGNALS)
4.2 (2MM WIPE SIGNALS)
SEE P/N TREE

6.2 (4MM WIPE WIDE GROUNDS)
5.2 (3MM WIPE WIDE GROUNDS)

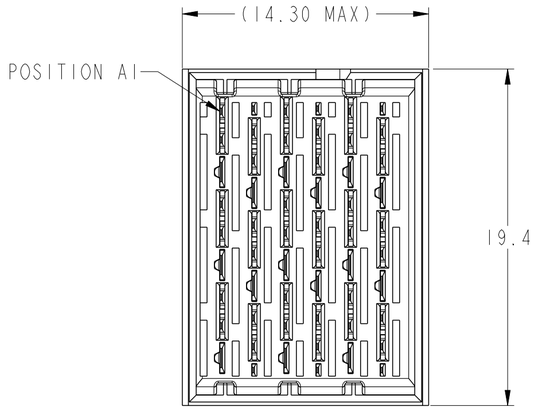


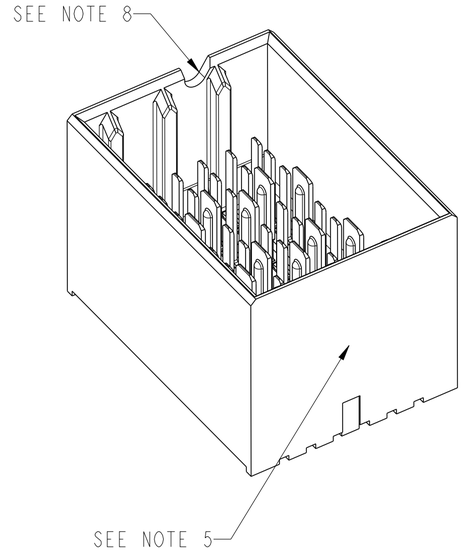


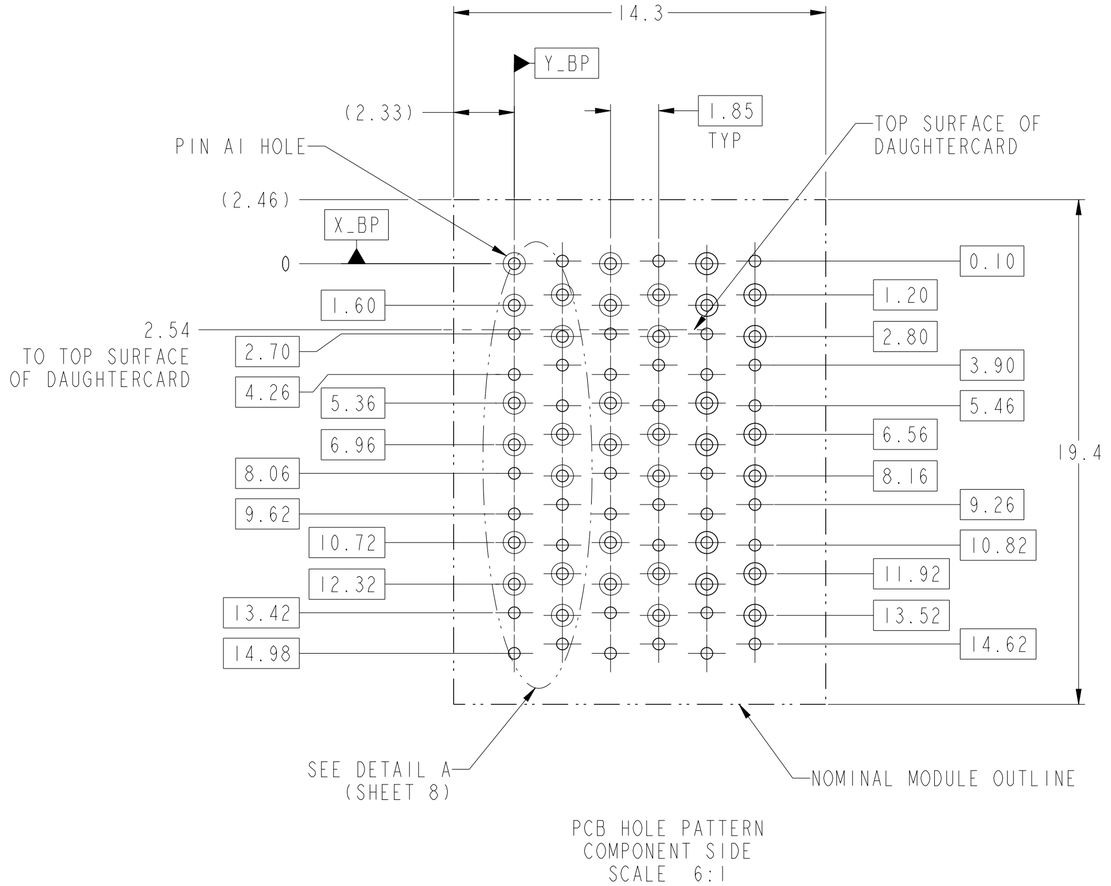
TAIL LENGTH
SEE NOTE 12 (B)

spec ref	-			dr	Roger Ng	2011/11/22	projection	MM	size A2 / scale 4:1
tolerance std - ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Sandar Soe	2014/10/02			ecn no ELX-S-18843-1
				chr	-	-			
				appr	Chen-Hong Tan	2014/12/10	product family XCEDE		rel level Released
surface ASME Y14.5	linear	0.X	±0.2	FCI	title: MODULE ASSEMBLY, VERTICAL HEADER, 6 COLUMN, 3 PAIR			dwg no 10119189	rev B
		0.XX	±0.10						
		0.XXX	±0.050						
	angular	0°	±2°	www.fci.com	cat. no. -		Product - Customer Drw		sheet 6 of 8

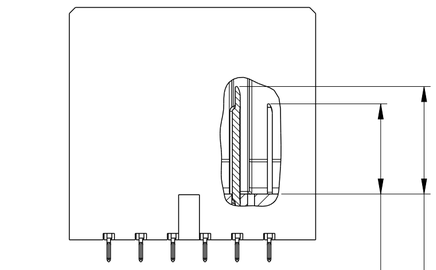
FOUR WALL MODULE

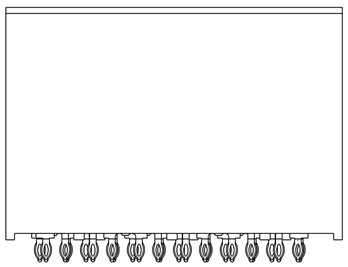


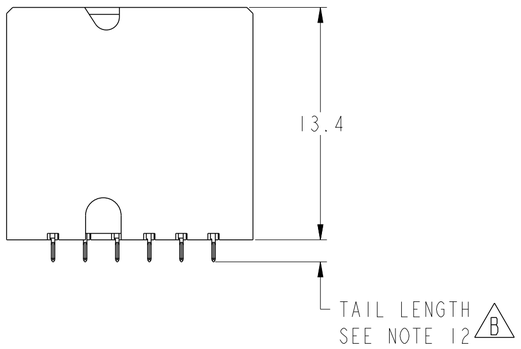




PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1







spec ref -			dr	Roger Ng	2011/11/22	projection	MM	size A2 / scale 4:1
tolerance std - ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Sandar Soe	2014/10/02			ecn no ELX-S-18843-1
			chr	-	-			
			appr	Chen-Hong Tan	2014/12/10	product family XCEDE		rel level Released
surface ASME Y14.5	linear	0.X ±0.2	FCI	www.fci.com	title	MODULE ASSEMBLY VERTICAL HEADER, 6 COLUMN, 3 PAIR		dwg no 10119189 / rev B
		0.XX ±0.10						
		0.XXX ±0.050			cat. no. -	Product - Customer Drw		sheet 7 of 8
	angular	0° ±2°						

NOTES:

1. CONNECTOR MATERIALS
   SHROUD: HIGH-TEMP THERMOPLASTIC, GRAY, UL94V-0
   CONTACTS: HIGH PERFORMANCE COPPER ALLOY

(2) CONTACT PLATING:

   SEPARABLE INTERFACE: PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12 588, INCLUDING THE TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE (CO) OR UNCONTROLLED ENVIRONMENT (UE) TEST SEQUENCE AS NOTED IN P/N TREE.

   PRESS-FIT TAILS: TIN OVER NICKEL (LF), OR TIN-LEAD ALLOY OVER NICKEL (NON-LF). SEE P/N TREE.

3. PRODUCT SPECIFICATION: GS-12-588

4. APPLCATION SPECIFICATION: GS-20-121

(5) PRODUCT MARKING (PART NUMBER AND LOT CODE) ON THESE SURFACES.

6. HOUSING MUST WITHSAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR-PHASE REFLOW OVEN.

7. PACKAGING MEETS GS-14-920 LEAD-FREE LABELING SPECIFICATION.

(8) NOTCH INDICATES "ROW A" SIDE OF CONNECTOR.

(9) SEE APPLICATION SPECIFICATION FOR ROUTING GUIDELINES, ADDITIONAL PTH GUIDELINES, MATED DIMENSIONS, GUIDE PN SELECTION, ETC.

(10) SCREW IS OPTIONAL AND ENGAGES WITH BOTTOM OF GUIDE-PIN FROM BENEATH THE PCB FOR ADDITIONAL GUIDE-PIN SUPPORT.

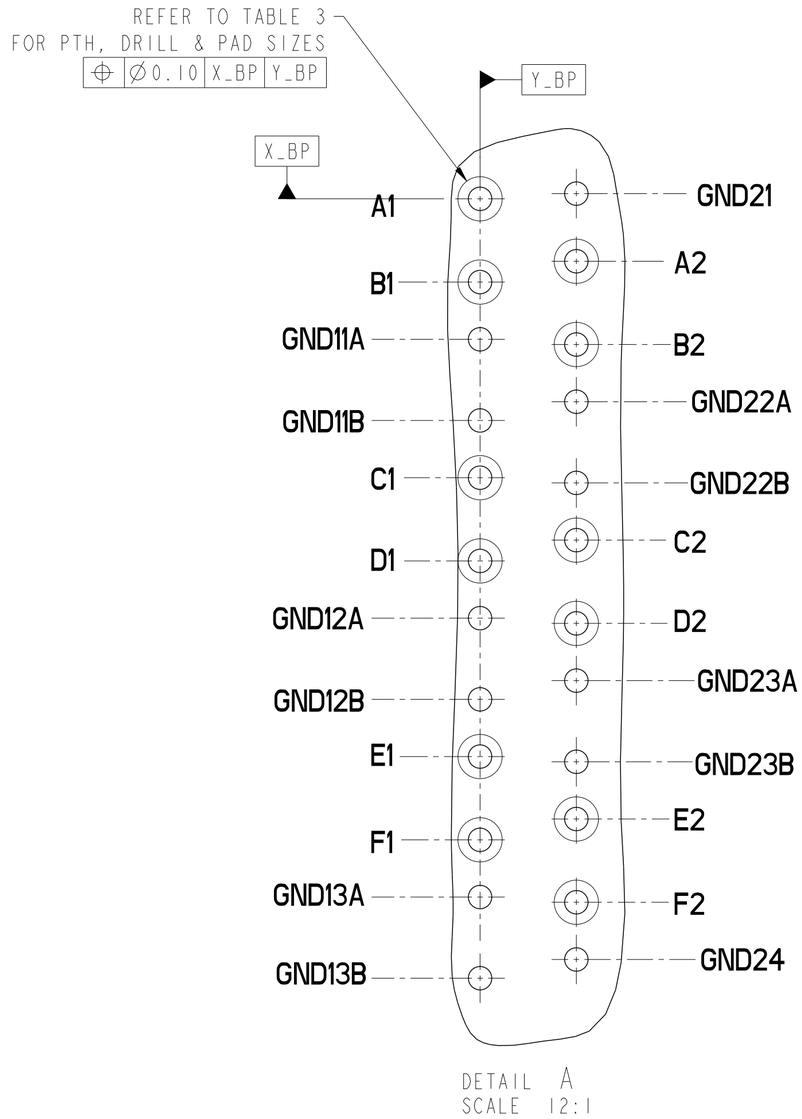
(11) OPTINAL HOLE LOCATION FOR GROUNDED PIN OR ADDITIONAL GUIDE-PIN SUPPORT. SEE TABLE 1 ON SHEET 1 FOR ADDITIONAL DETAILS.

△B (12) TAIL LENGTH=1.3mm FOR ∅0.55[0.0217"]COMPLIANT PIN DRILL
TAIL LENGTH=1.5mm FOR ∅0.45[0.0177"]COMPLIANT PIN DRILL

13. A △B SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE THAT HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

TABLE 3: PTH AND PAD SIZES WITH REFERENCE TO COMPLIANT PIN DRILL

COMPLIANT PIN DRILL	PTH	PAD
∅0.55 [0.0217"]	∅0.45±0.05	∅0.85
∅0.45 [0.0177"]	∅0.36±0.05	∅0.75



DETAIL A
SCALE 12:1

spec ref	-		dr	Roger Ng	2011/11/22	projection	MM	size A2	scale 4:1
tolerance std - ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Sandar Soe	2014/10/02				
			chr	-	-			ecn no	ELX-S-18843-1
			appr	Chen-Hong Tan	2014/12/10	product family	XCEDE	rel level	Released
surface ASME Y14.5	linear	0.X ±0.2	FCI www.fci.com	title	MODULE ASSEMBLY			dwg no	10119189
		0.XX ±0.10			VERTICAL HEADER, 6 COLUMN, 3 PAIR				rev B
		0.XXX ±0.050							
	angular	0° ±2°		cat. no.	-	Product - Customer Drw		sheet 8 of 8	

OCEAN CHIPS
Океан Электроники
Поставка электронных компонентов

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «**JONHON**», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «**FORSTAR**».

AVIC JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели, кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).

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