10130104 - X 0 E - X X X L F

- X: MODULE DESCRIPTION (see table)
- 0: 0 (ZERO)
- E: 8-COLUMN DIFFERENTIAL SIGNAL
- X: GUIDE PIN STYLE (see table)
- X: CONTACT MATING WIPE LENGTH (see table)
- X: COMPLIANT TAIL TYPE (see table)
- L: LEAD-FREE DESIGNATION ONLY WITH APPLICABLE PLATING CODES
- F: PERFORMANCE-BASED PLATING (see table)

LETTER	PERFORMANCE-BASED PLATING (SEE NOTE 2)	
	TARGET APPLICATION	LEAD FREE (LF)
K	TELCORDIA CO	NO
M	TELCORDIA CO	YES

NUMBER	GUIDE PIN STYLE (SEE NOTE 8)
0	STANDARD GUIDE PIN, MACHINED
1	STANDARD GUIDE PIN, ROLLED

NOT TOOLED

NUMBER	CONTACT MATING WIPE LENGTH		COMPLIANT TAIL TYPE (SEE NOTE 9)
	SIGNAL	GROUND	
1	2 MM	4 MM	0.55 (0.0217") DRILL
2	3 MM	4 MM	0.55 (0.0217") DRILL
3	2 MM	4 MM	0.45 MICRO (0.0177") DRILL
4	3 MM	4 MM	0.45 MICRO (0.0177") DRILL
5	2 MM	3 MM	0.55 (0.0217") DRILL
6	3 MM	3 MM	0.55 (0.0217") DRILL
7	2 MM	3 MM	0.45 MICRO (0.0177") DRILL
8	3 MM	3 MM	0.45 MICRO (0.0177") DRILL

FOR CUSTOM-LOADED MODULES, SEE INDIVIDUAL CUSTOM DRAWINGS WITH THE DRAWING-NUMBER FORMAT OF 10130104-XYYYY, WHERE: "X" DENOTES MODULE TYPE PER CHART ON THIS SHEET "YYYY" IS A SEQUENTIAL NUMBER BEGINNING WITH "0001".

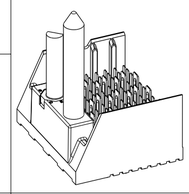
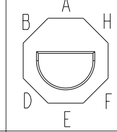
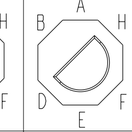
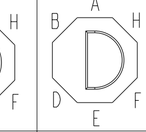
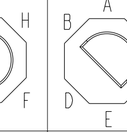
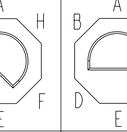
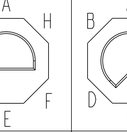
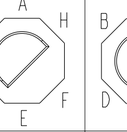
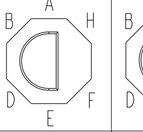
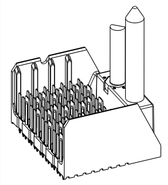
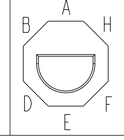
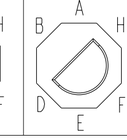
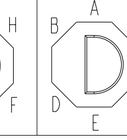
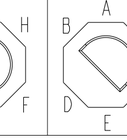
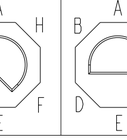
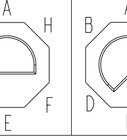
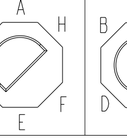
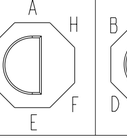
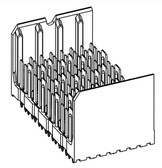
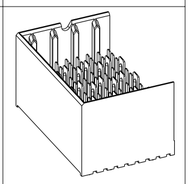
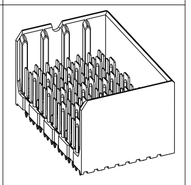
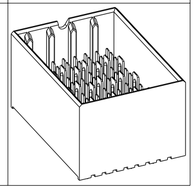
MODULE DESCRIPTION	LETTER DESIGNATION REPRESENTED IN DASH NUMBER										BASE MODULE
LEFT POLARIZING GUIDANCE MODULE (SEE SHEET 6)	N	J	A	B	C	D	E	F	G	H	
	NO KEY NO GUIDEPIN										
RIGHT POLARIZING GUIDANCE MODULE (SEE SHEET 7)	Z	Y	P	Q	R	S	T	U	V	W	
	NO KEY NO GUIDEPIN										
OPEN MODULE (TWO WALL) (SEE SHEET 2)	0 (ZERO)										
LEFT WALL MODULE (SEE SHEET 3)	L										
RIGHT WALL MODULE (SEE SHEET 4)	M										
FOUR WALL MODULE (SEE SHEET 5)	I (ONE)										

TABLE 1 (SEE NOTE 11)		
	UNGROUNDED	GROUNDED
FHS	Ø2.35-Ø2.55	Ø2.35-Ø2.55
PAD	N/A	Ø5.50
PLATED	NO	YES
DRILL(mm)	2.44mm	2.58mm
DRILL(in)	0.096"	0.1015"

TABLE 2 (SEE NOTE 12)		
SCREW P/N	DESCRIPTION	BOARD THICKNESS
10091790-002LF	#2-56 X 0.375" LG. PHILIPS PANHEAD W/SQ CONICAL WASHER	1.60-5.00mm
10091790-003LF	#2-56 X 0.375" LG. PHILIPS PANHEAD W/SQ CONICAL WASHER	5.00-10.00mm

spec ref	-		
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		
surface - ISO 1302	linear	0.X	±0.3
		0.XX	±0.10
		0.XXX	±0.05
	angular	0°	±2°

dr	Sandar Soe	2014/05/16	projection	mm	size A2 / scale 1:1
eng	Sandar Soe	2015/10/30			
chr	-	-			ecn no ELX-S-18192-1
appr	Chen-Hong Tan	2015/11/02	product family -		rel level Released

www.fci.com	title: MODULE ASSEMBLY, XCEDE HD Veritical Header, 4 Pair 8 Column	dwg no 10130104	rev B
	cat. no. -	Product - Customer Drw	sheet 1 of 8

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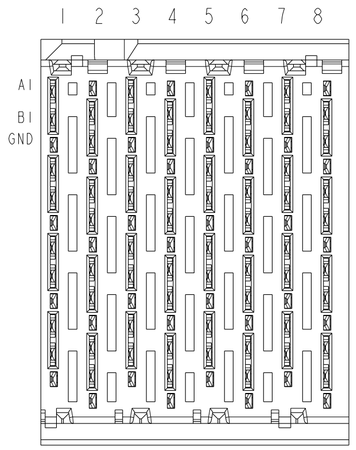
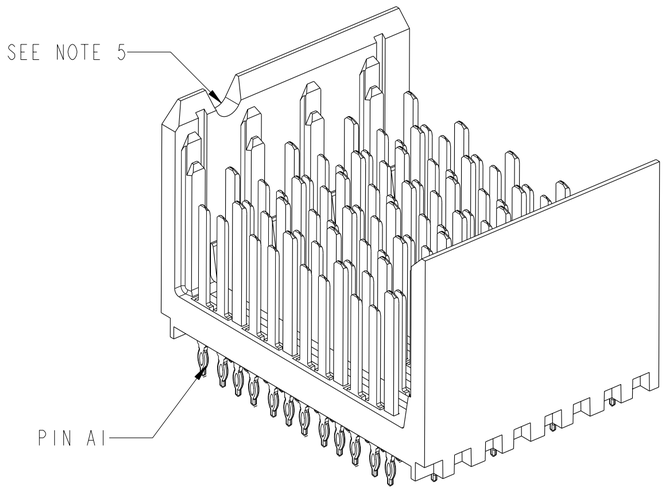
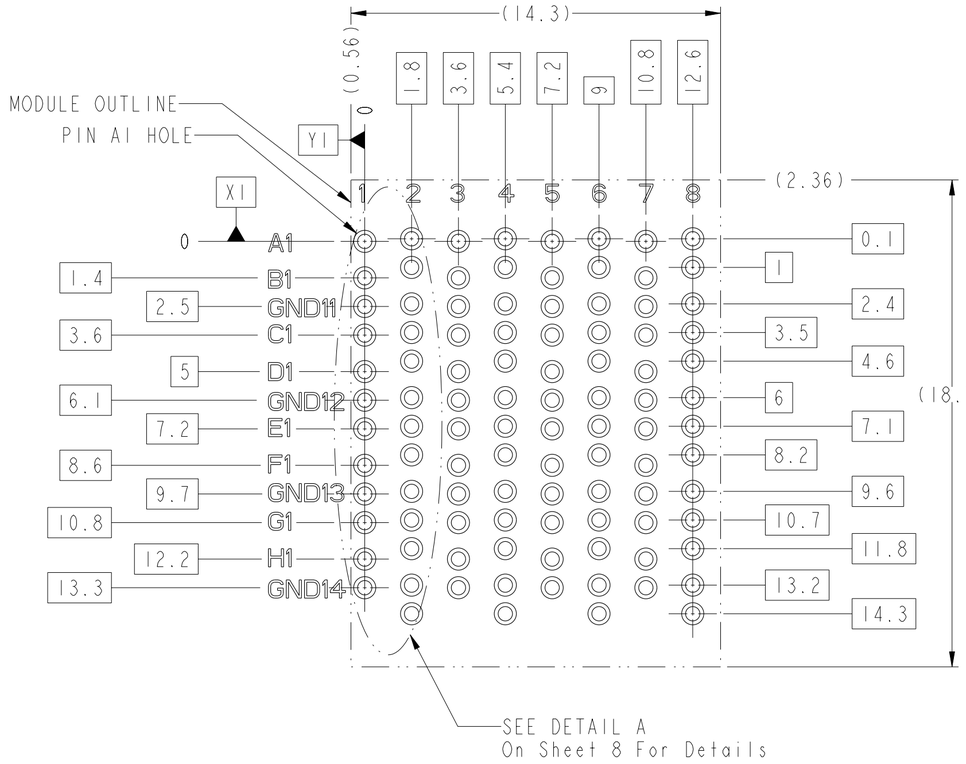


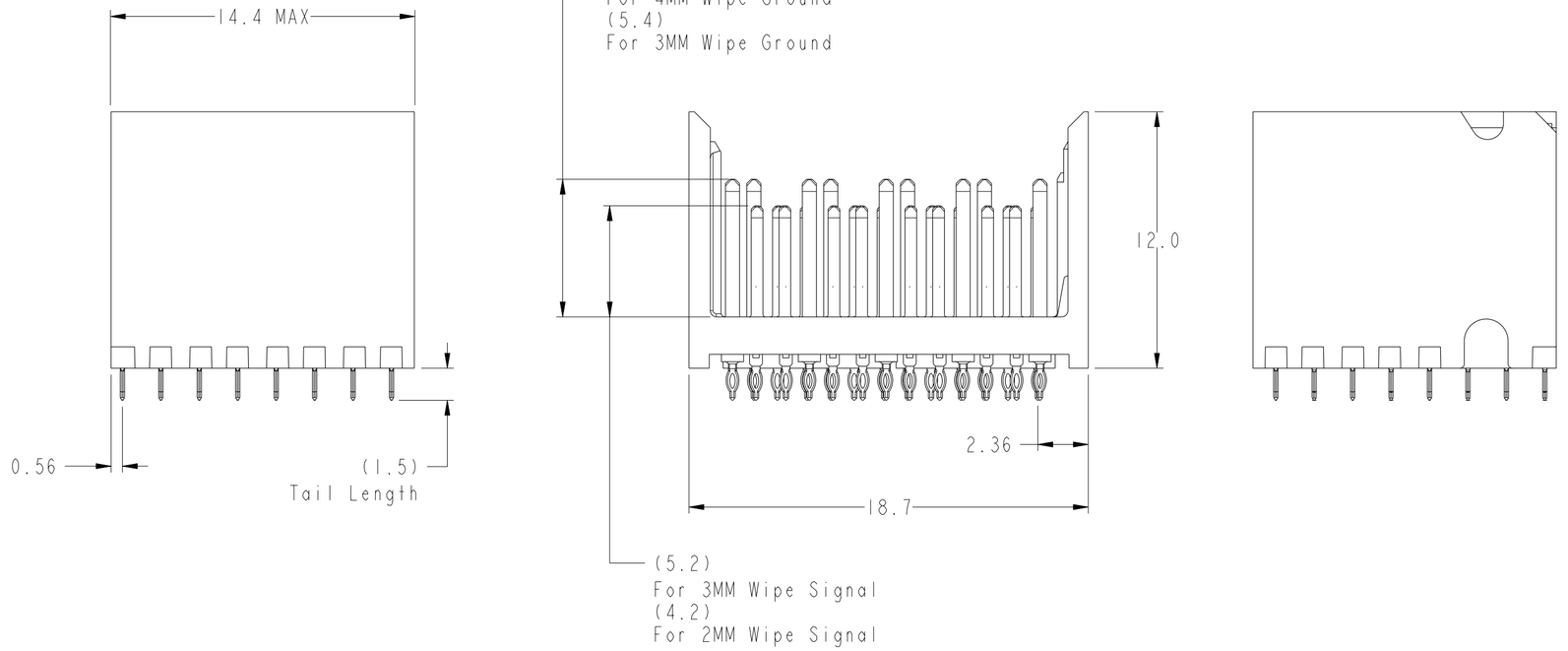
OPEN WALL MODULE





BP HOLE PATTERN COMPONENT SIDE

OPEN WALL MODULE BACKPLANE FOOTPRINT



spec ref	-			dr	Sandar Soe	2014/05/16	projection	mm	size A2	scale 1:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Sandar Soe	2015/10/30			ecn no ELX-S-18192-1	
				chr	-	-				
				appr	Chen-Hong Tan	2015/11/02	product family -		rel level Released	
surface ISO 1302	linear	0.X	±0.3	FCI	title	MODULE ASSEMBLY, XCEDE HD Veritical Header, 4 Pair 8 Column			dwg no 10130104	rev B
		0.XX	±0.10							
		0.XXX	±0.05							
	angular	0°	±2°	www.fci.com	cat. no. -	Product - Customer Drw			sheet 2 of 8	

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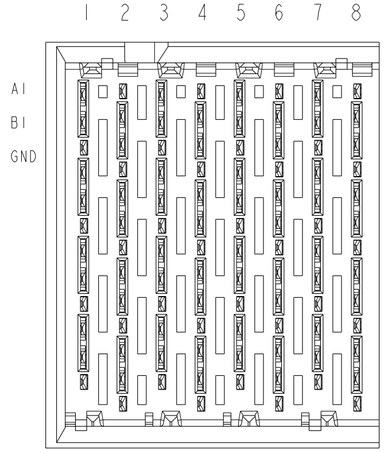
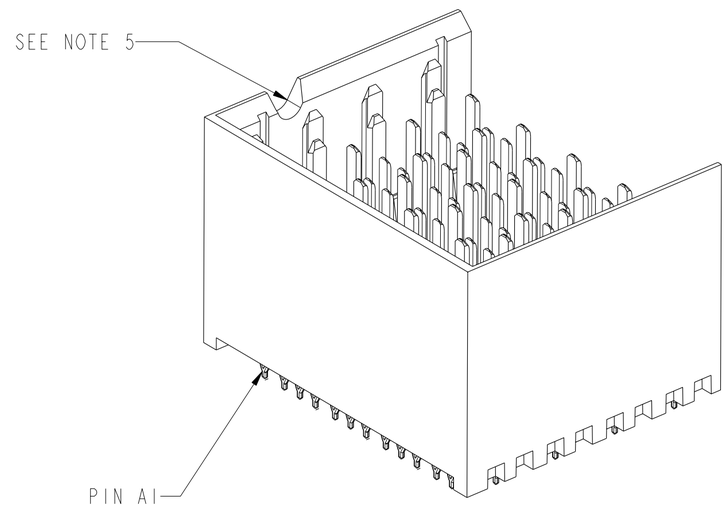
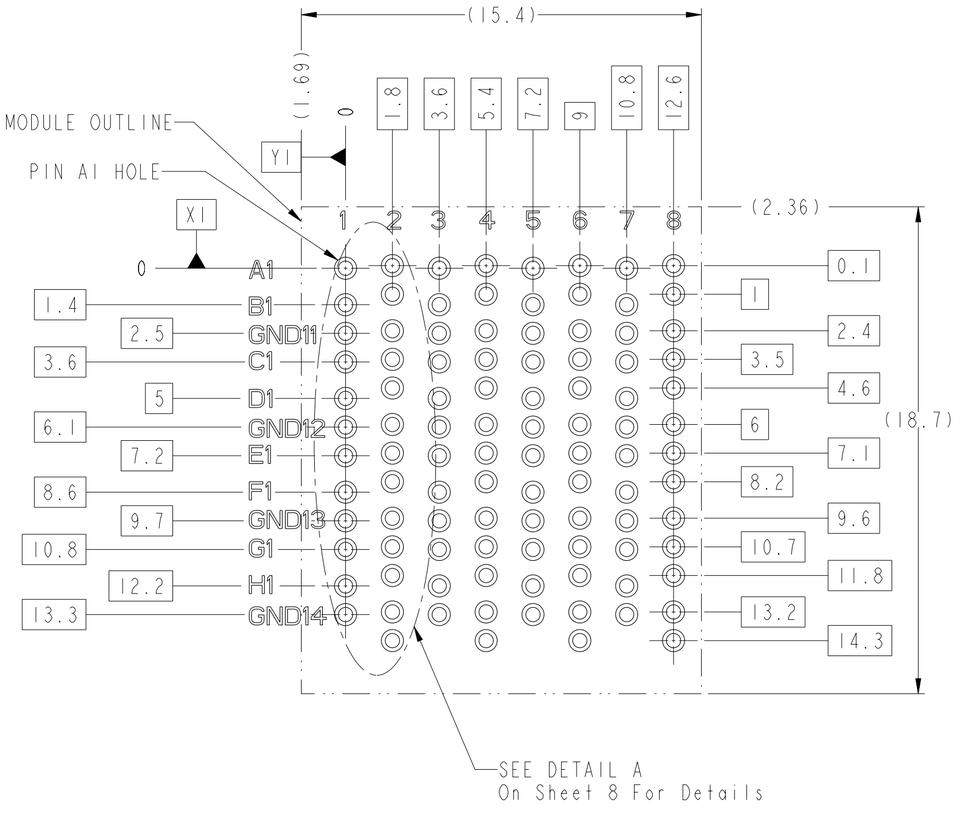
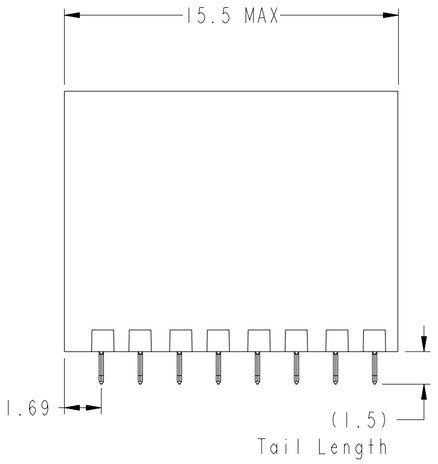
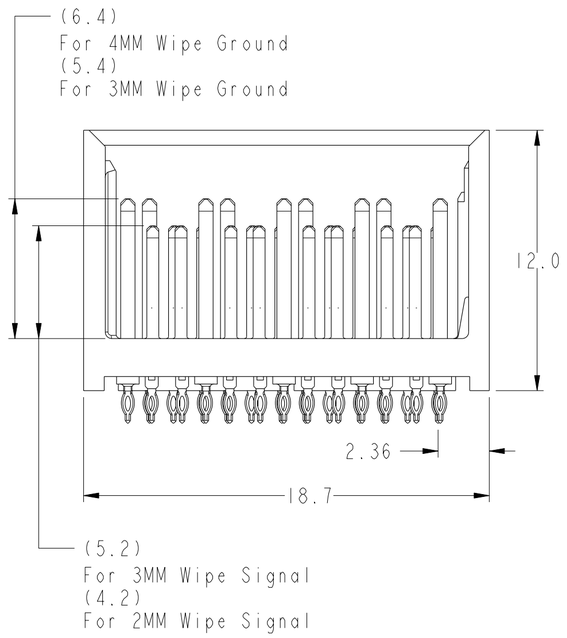


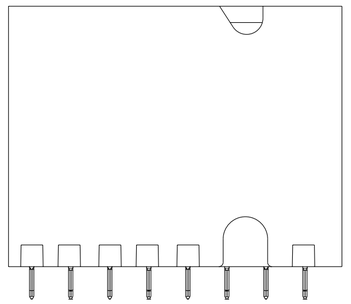
LEFT WALL MODULE











BP HOLE PATTERN COMPONENT SIDE

LEFT WALL MODULE BACKPLANE FOOTPRINT

spec ref	-			dr	Sandar Soe	2014/05/16	projection	mm	size A2	scale 1:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Sandar Soe	2015/10/30				
				chr	-	-			ecn no	ELX-S-18192-1
				appr	Chen-Hong Tan	2015/11/02	product family	-	rel level	Released
surface - ISO 1302	linear	0.X	±0.3	FCI	title	MODULE ASSEMBLY, XCEDE HD			dwg no	rev
		0.XX	±0.10			Veritical Header, 4 Pair 8 Column			10130104	B
		0.XXX	±0.05							
	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw		sheet 3 of 8	

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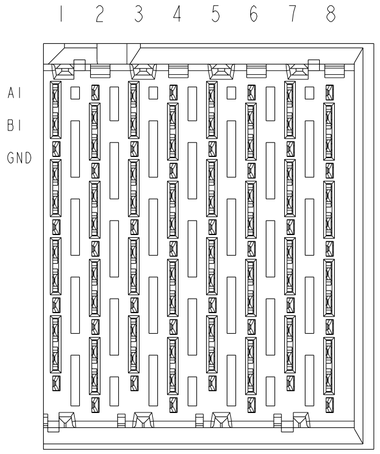
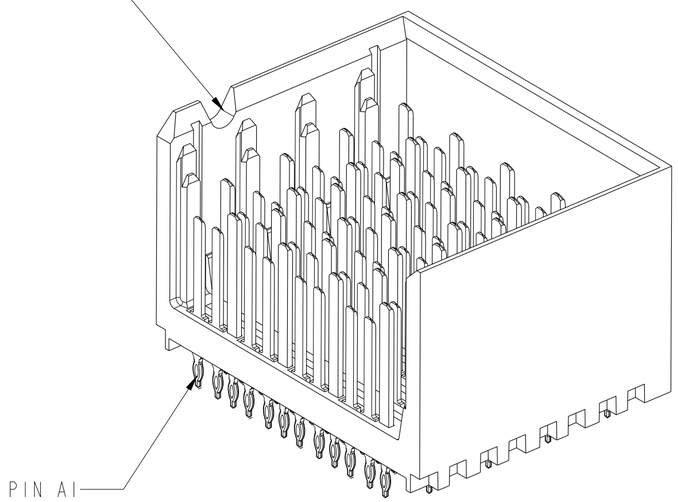
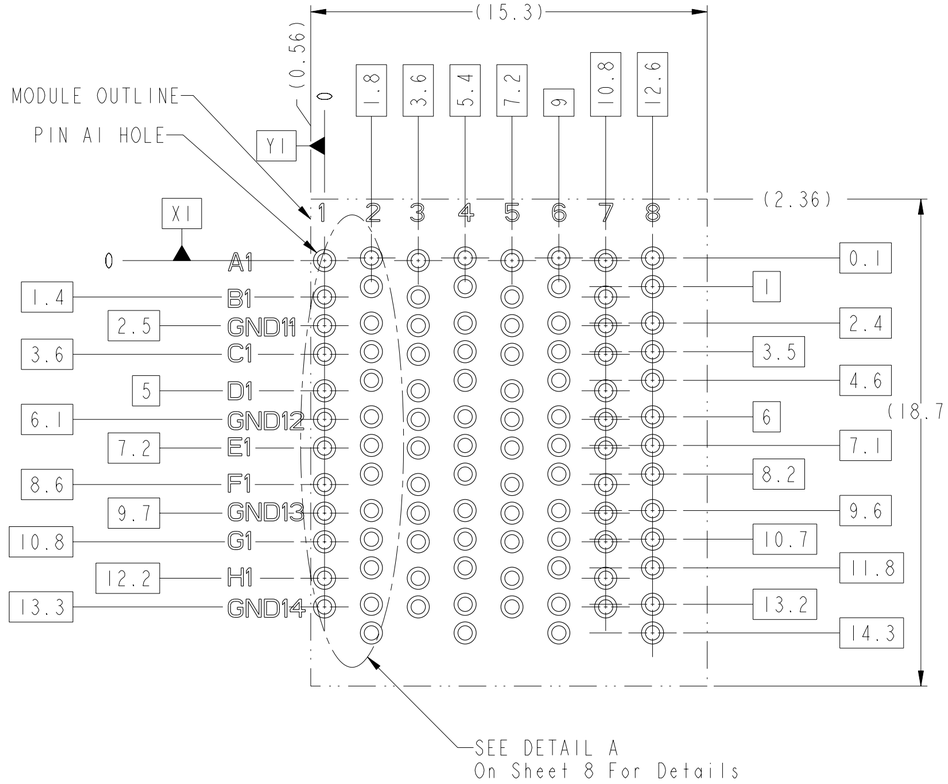
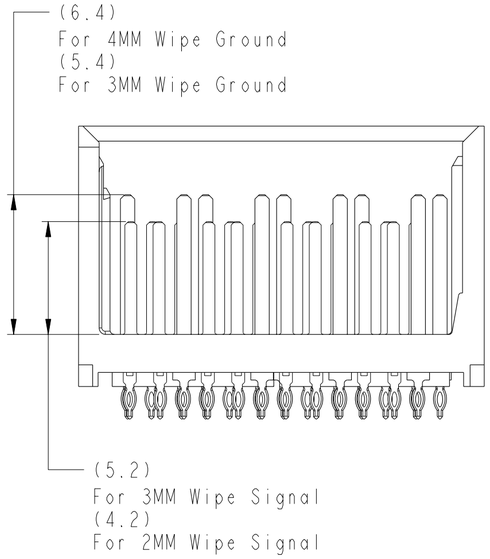
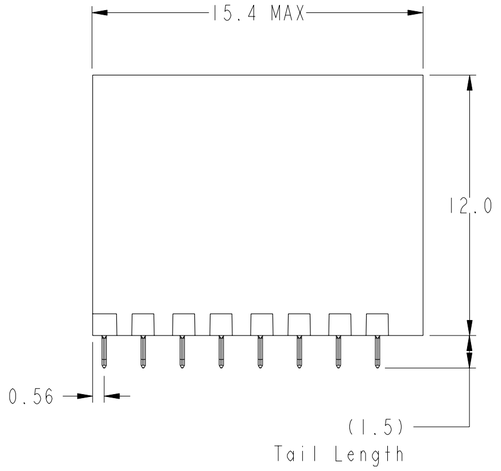


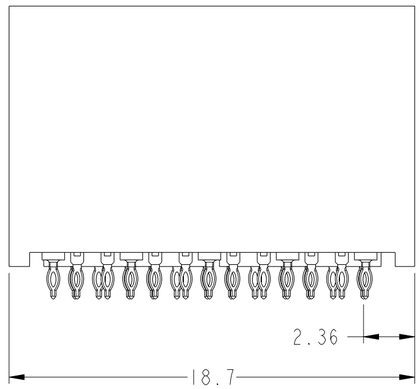
RIGHT WALL MODULE











BP HOLE PATTERN COMPONENT SIDE

RIGHT WALL MODULE BACKPLANE FOOTPRINT

spec ref	-			dr	Sandar Soe	2014/05/16	projection	mm	size A2 / scale 1:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Sandar Soe	2015/10/30			ecn no ELX-S-18192-1
				chr	-	-			
				appr	Chen-Hong Tan	2015/11/02	product family -		rel level Released
surface - ISO 1302	linear	0.X	±0.3	FCI www.fci.com	title: MODULE ASSEMBLY, XCEDE HD Veritical Header, 4 Pair 8 Column			dwg no 10130104	rev B
		0.XX	±0.10						
		0.XXX	±0.05						
	angular	0°	±2°	cat. no. -	Product - Customer Drw			sheet 4 of 8	

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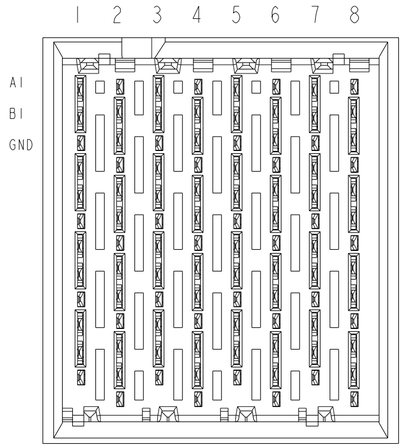
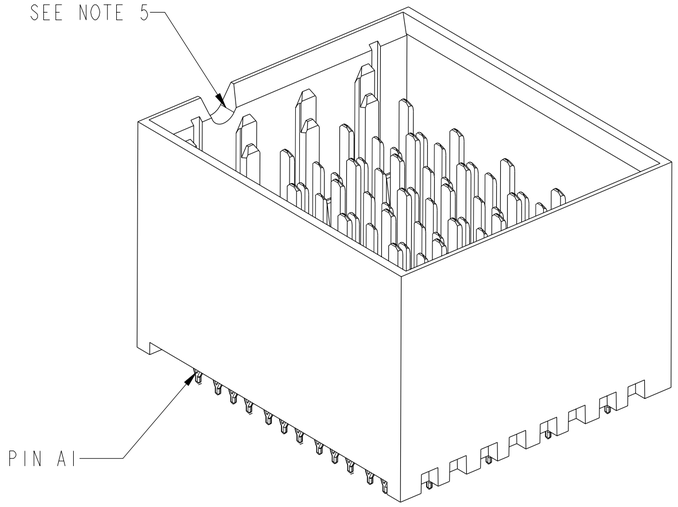
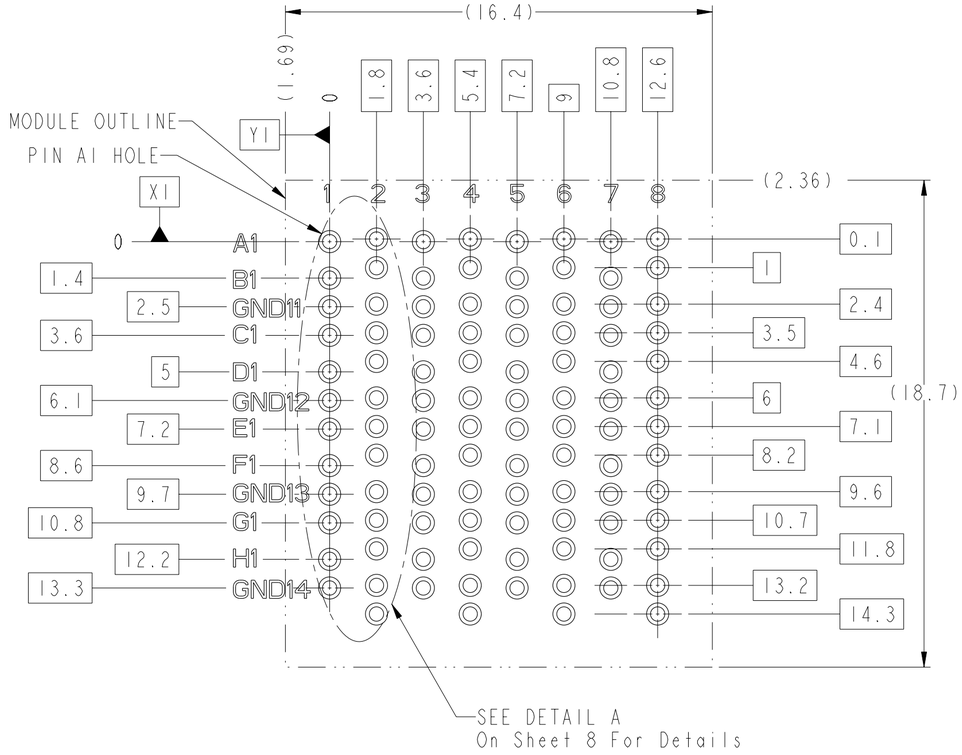
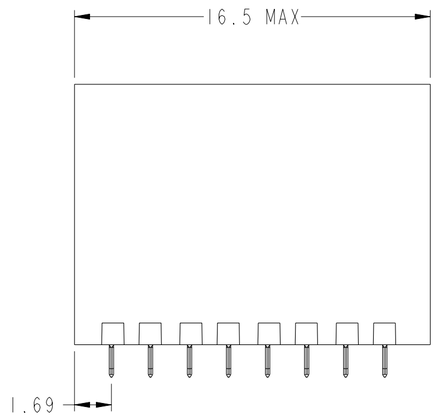
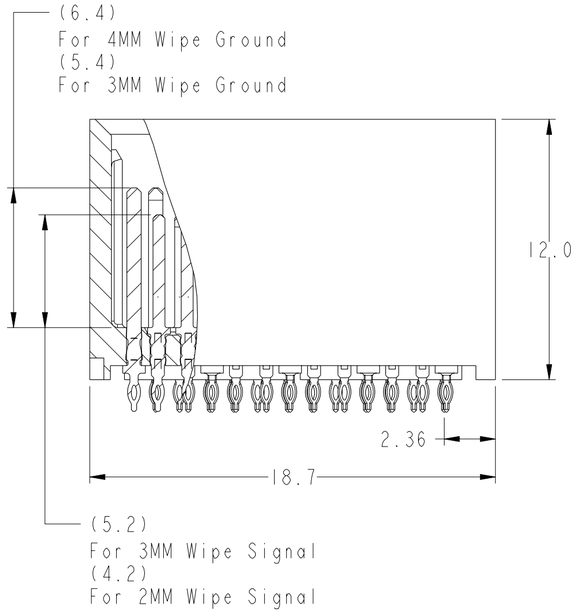


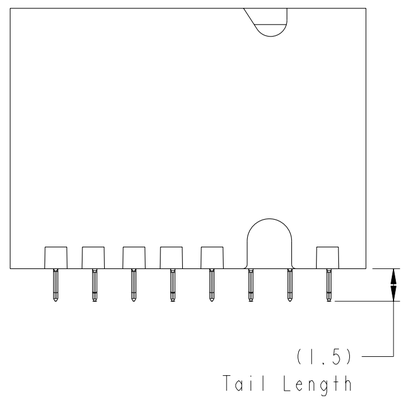
FOUR WALL MODULE











BP HOLE PATTERN COMPONENT SIDE

FOUR WALL MODULE BACKPLANE FOOTPRINT

spec ref	-			dr	Sandar Soe	2014/05/16	projection	mm	size A2 / scale 1:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Sandar Soe	2015/10/30			ecn no ELX-S-18192-1
				chr	-	-			
				appr	Chen-Hong Tan	2015/11/02	product family -		rel level Released
surface - ISO 1302	linear	0.X	±0.3	FCI	title: MODULE ASSEMBLY, XCEDE HD Veritical Header, 4 Pair 8 Column			dwg no 10130104	rev B
		0.XX	±0.10						
		0.XXX	±0.05						
	angular	0°	±2°	www.fci.com	cat. no. -		Product - Customer Drw		sheet 5 of 8

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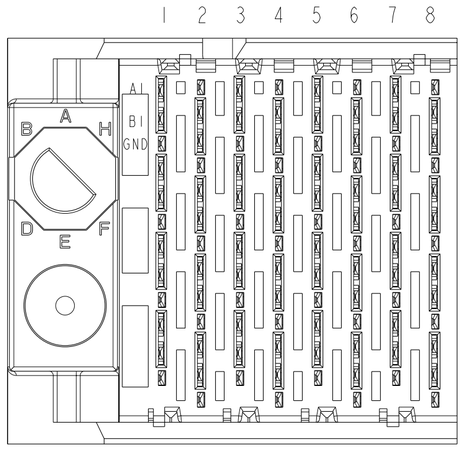
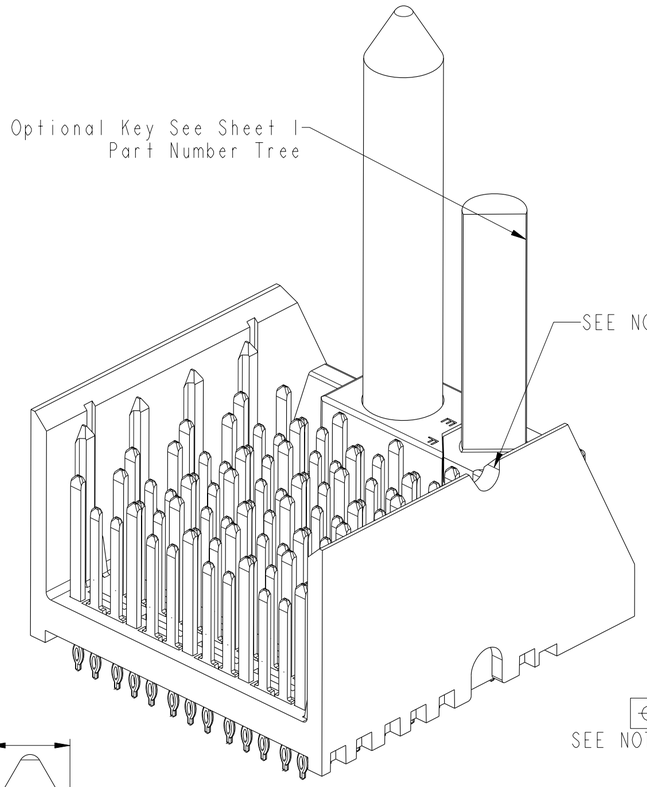
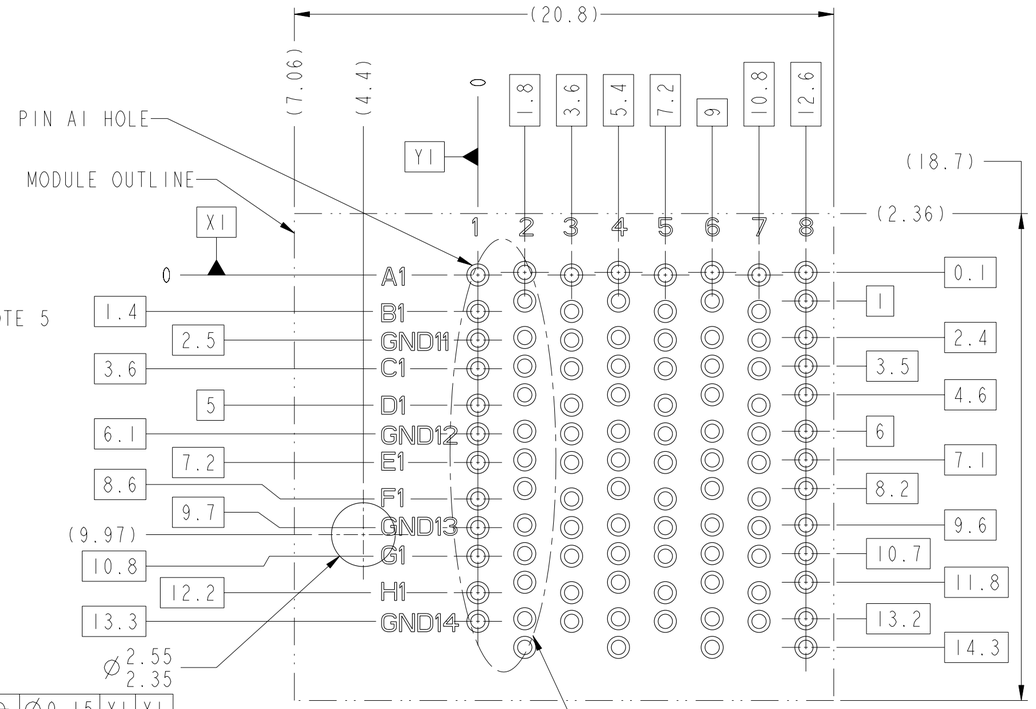
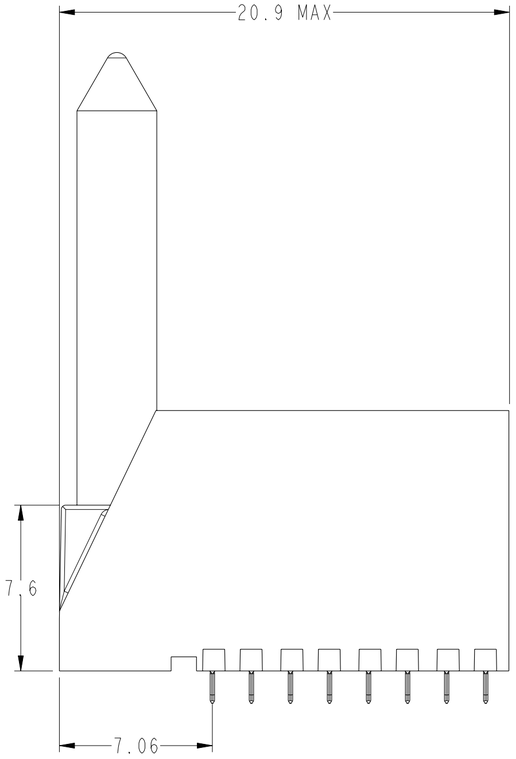
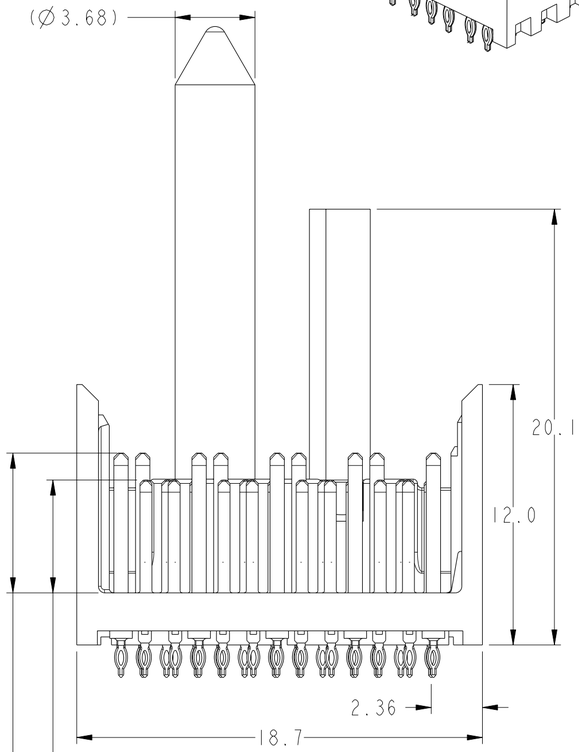


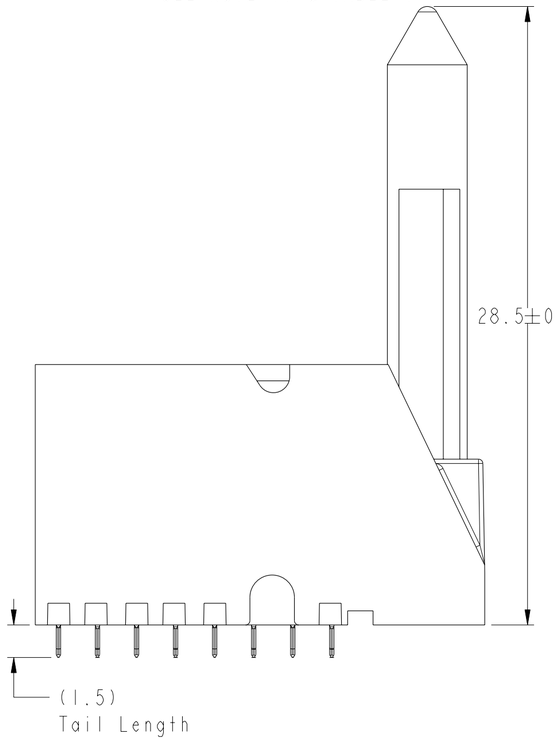
LEFT POLARIZING/GUIDE MODULE











BP HOLE PATTERN COMPONENT SIDE

LEFT POLARIZING GUIDE MODULE BACKPLANE FOOTPRINT

spec ref	-			dr	Sandar Soe	2014/05/16	projection mm	size A2	scale 1:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Sandar Soe	2015/10/30		ecn no ELX-S-18192-1
				chr	-	-		
				appr	Chen-Hong Tan	2015/11/02	product family -	rel level Released
surface - ISO 1302	linear	0.X	±0.3	FCI www.fci.com	title MODULE ASSEMBLY, XCEDE HD Veritical Header, 4 Pair 8 Column		dwg no 10130104	rev B
		0.XX	±0.10					
		0.XXX	±0.05					
	angular	0°	±2°		cat. no. -	Product - Customer Drw		sheet 6 of 8

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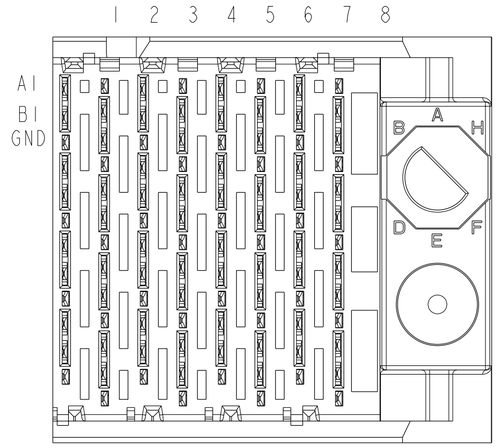
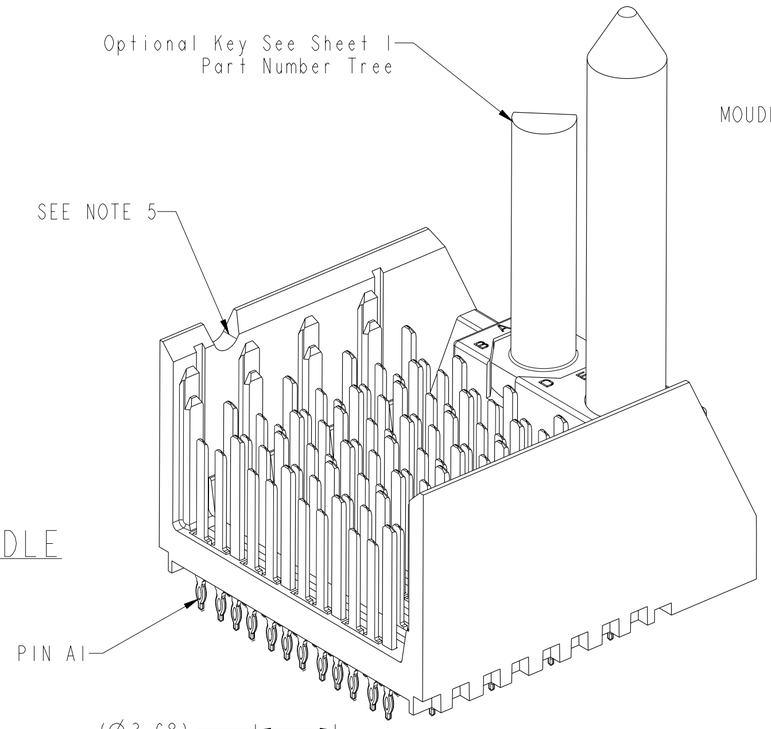
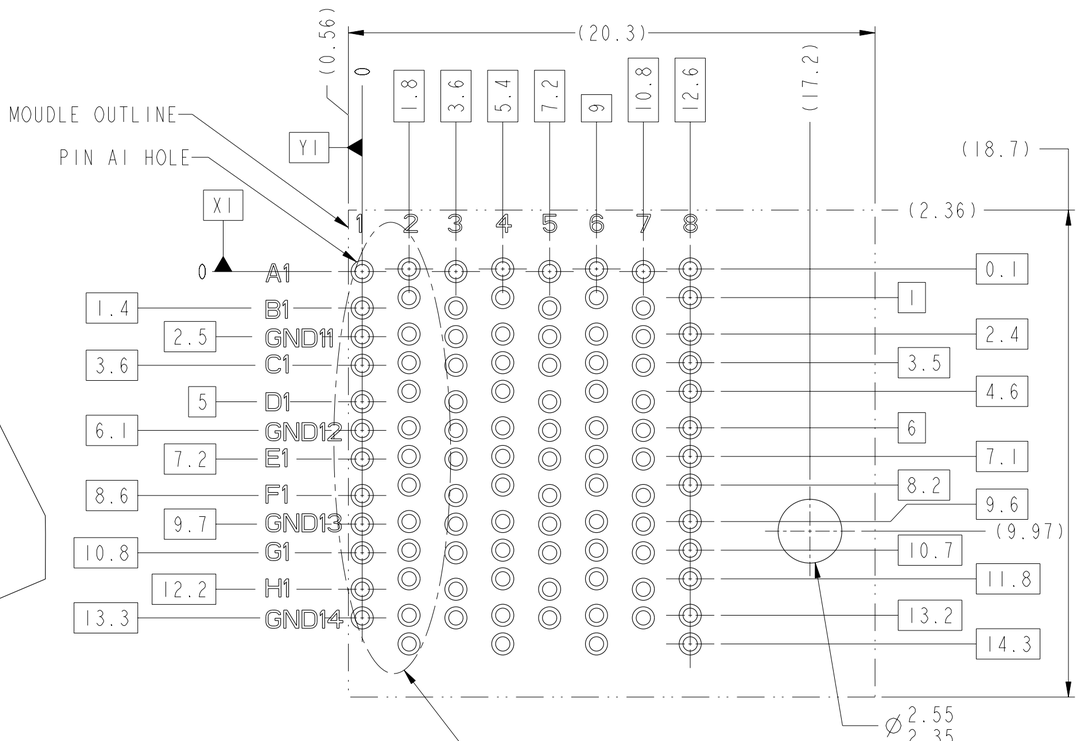


RIGHT POLARIZING/GUIDE MOUDLE





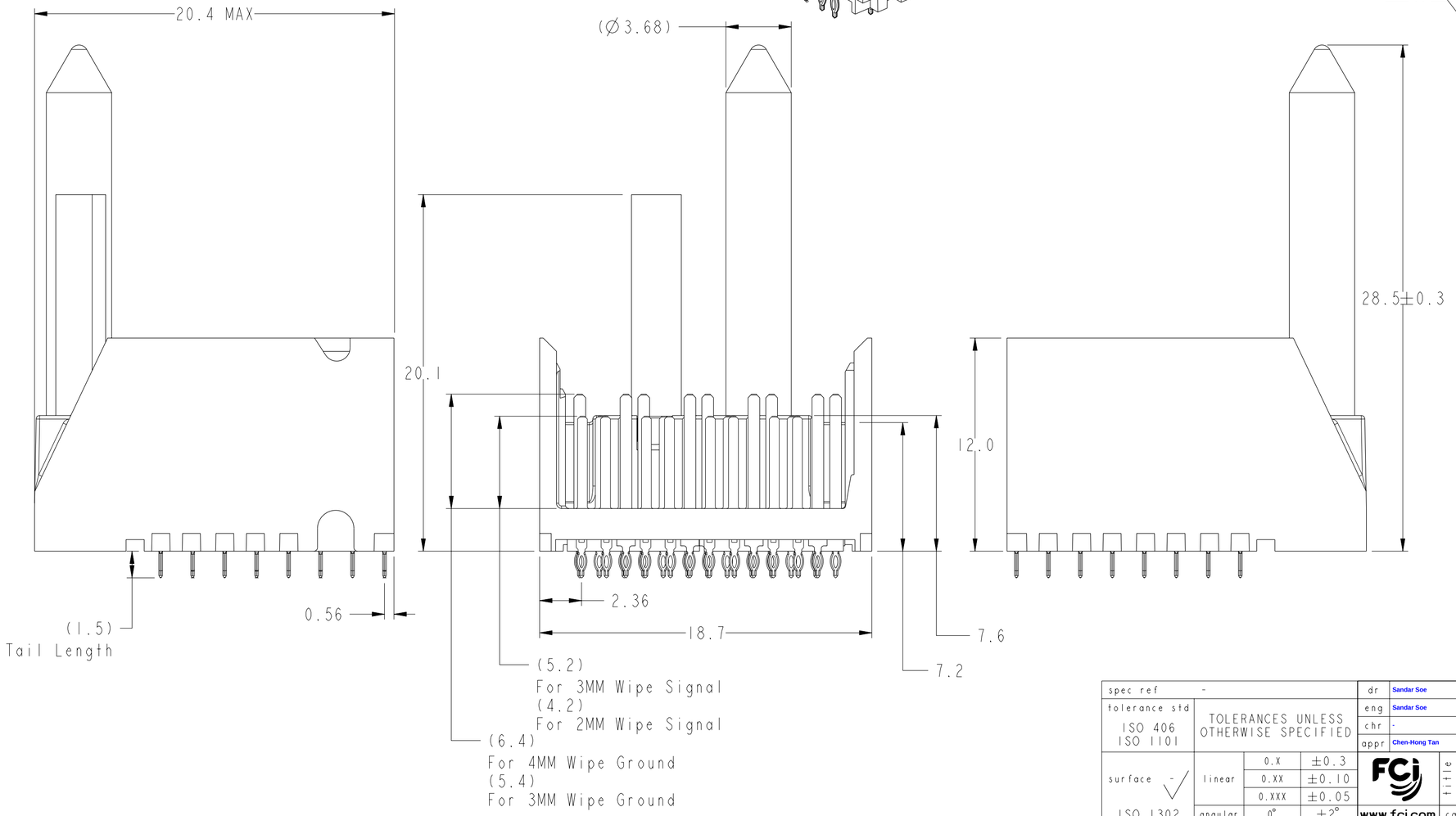


TABLE 1

BP HOLE PATTERN COMPONENT SIDE

RIGHT POLAIZING/GUIDE MODULE
BACKPLANE FOOTPRINT

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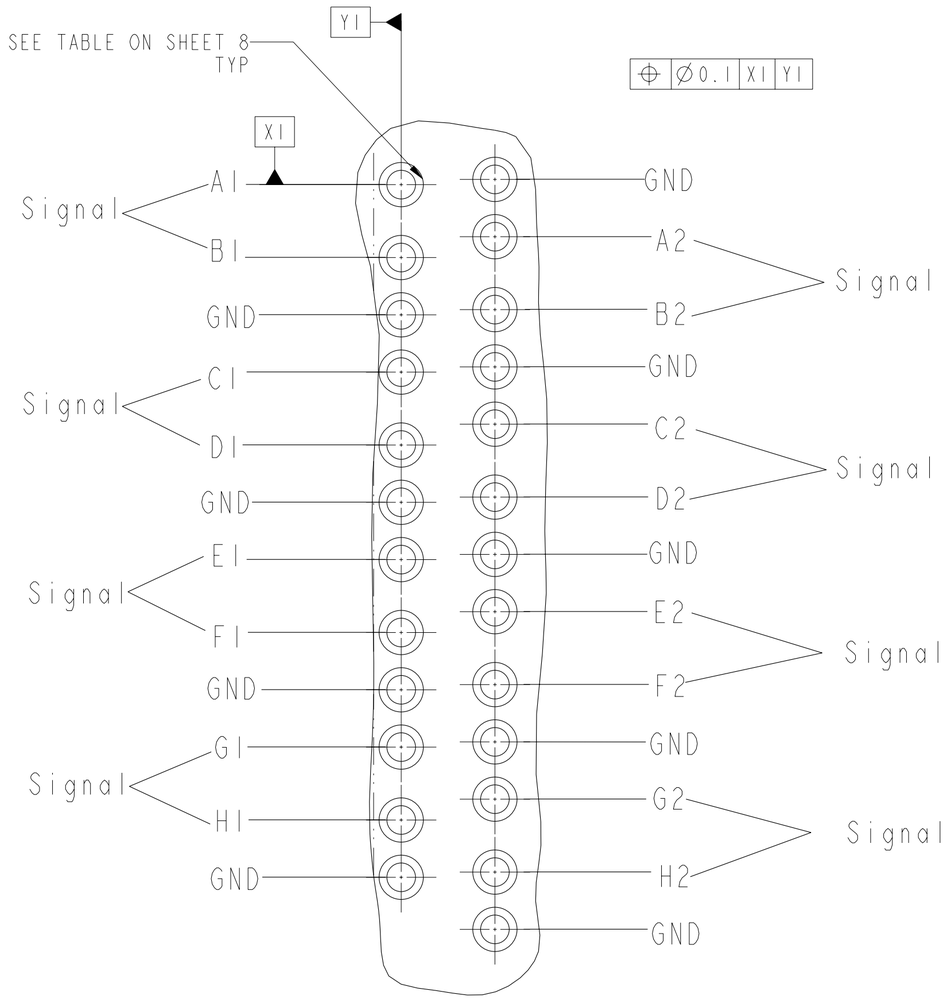
spec ref	-			dr	Sandar Soe	2014/05/16	projection	mm	size A2	scale 1:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Sandar Soe	2015/10/30			ecn no	ELX-S-18192-1
				chr	-	-				
				appr	Chen-Hong Tan	2015/11/02	product family	-	rel level	Released
surface - ISO 1302	linear	0.X	±0.3	FCI www.fci.com	title	MODULE ASSEMBLY, XCEDE HD Veritical Header, 4 Pair 8 Column	dwg no	10130104	rev	B
		0.XX	±0.10							
		0.XXX	±0.05							
	angular	0°	±2°		cat. no.	-	Product - Customer Drw		sheet 7 of 8	

TABLE 3		
	COMPLIANT PIN DRILL Ø0.55[0.0217"]	COMPLIANT PIN DRILL Ø0.45[0.0177"]
PTH	Ø0.45±0.05	Ø0.36±0.05
DRILL	Ø0.55 [0.0217"]	Ø0.45 [0.0177"]
PAD	Ø0.85	Ø0.75



DETAIL A
SCALE 12:1

NOTES:

1. CONNECTOR MATERIALS
   SHROUD : HIGH-TEMP POLYMER, COLOR : BLACK, UL94V-0
   CONTACTS : HIGH PREFORMANCE 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) 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-12-0936

4. APPLICATION SPECIFICATION : GS-20-0348

(5.) NOTCH DESIGNATES "ROW A" SIDE OF CONNECTOR. NOTCH FEATURE ON OPPOSITE FOR PRODUCT MARKING.

6. PRODUCT MARKING :
   PART NUMBER (10130104-X0J-XXXLF)
   "FCI" AND DATE CODE (FCI P########)

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

(8.) GUIDE-PIN STYLE DESIGNATION ONLY APPLIES TO MODULE VERSIONS THAT REQUIRE GUIDE-PIN HARDWARE. FOR ALL NON-GUIDE-PIN VERSIONS, THE DEFAULT DASH-NUMBER DIGIT IN THAT LOCATION IS STILL '0".

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

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

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

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

Copyright FCI.

spec ref	-		dr	Sandar Soe	2014/05/16	projection	mm
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Sandar Soe	2015/10/30		
			chr	-	-	size A2	scale 1:1
			appr	Chen-Hong Tan	2015/11/02	ecn no ELX-S-18192-1	
surface - ISO 1302	linear	0.X ±0.3	FCI www.fci.com	title MODULE ASSEMBLY, XCEDE HD Veritical Header, 4 Pair 8 Column		product family	rel level Released
		0.XX ±0.10				dwg no 10130104	rev B
		0.XXX ±0.05					
	angular	0° ±2°		cat. no. -	Product - Customer Drw		sheet 8 of 8

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- 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.);

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