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10119130 - X0C - XXXLF

6-COLUMN
DIFFERENTIAL
SIGNAL

LEAD-FREE DESIGNATION
ONLY WITH APPLICABLE
PLATING CODES

LETTER	PLATING (SEE NOTE 6)	
	APPLICATION	TYPE (REFERENCE)
B	TELCORDIA CO	0.76µm GOLD or GXT
C	TELCORDIA UE	1.27µm GOLD
D	TELCORDIA CO	0.76µm GOLD or GXT, LEAD-FREE
E	TELCORDIA UE	1.27µm GOLD, LEAD-FREE

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

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 GUIDE PIN										
RIGHT POLARIZING GUIDANCE MODULE (SEE SHEET 7)	Z	Y	P	Q	R	S	T	U	V	W	
	NO KEY NO GUIDE PIN										
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)	1 (ONE)										

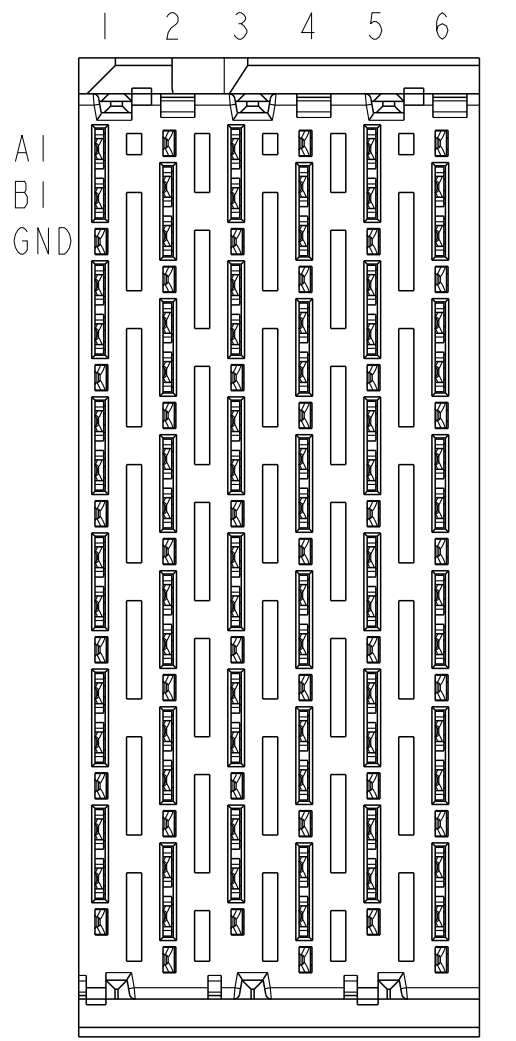
NUMBER	CONTACT MATING WIPE LENGTH		COMPLIANT TAIL TYPE (SEE NOTE 9)
	SIGNAL	GROUND	
1	2 MM	4 MM	0.55 (0.0217") DRILL
2	3 MM	4 MM	0.55 (0.0217") DRILL
3	2 MM	4 MM	0.45 MICRO (0.0177") DRILL
4	3 MM	4 MM	0.45 MICRO (0.0177") DRILL
5	2 MM	3 MM	0.55 (0.0217") DRILL
6	3 MM	3 MM	0.55 (0.0217") DRILL
7	2 MM	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 10119130-XXXX, WHERE: "X" DENOTES MODULE TYPE PER CHART ON THIS SHEET "XXXX" IS A SEQUENTIAL NUMBER BEGINNING WITH "0001".

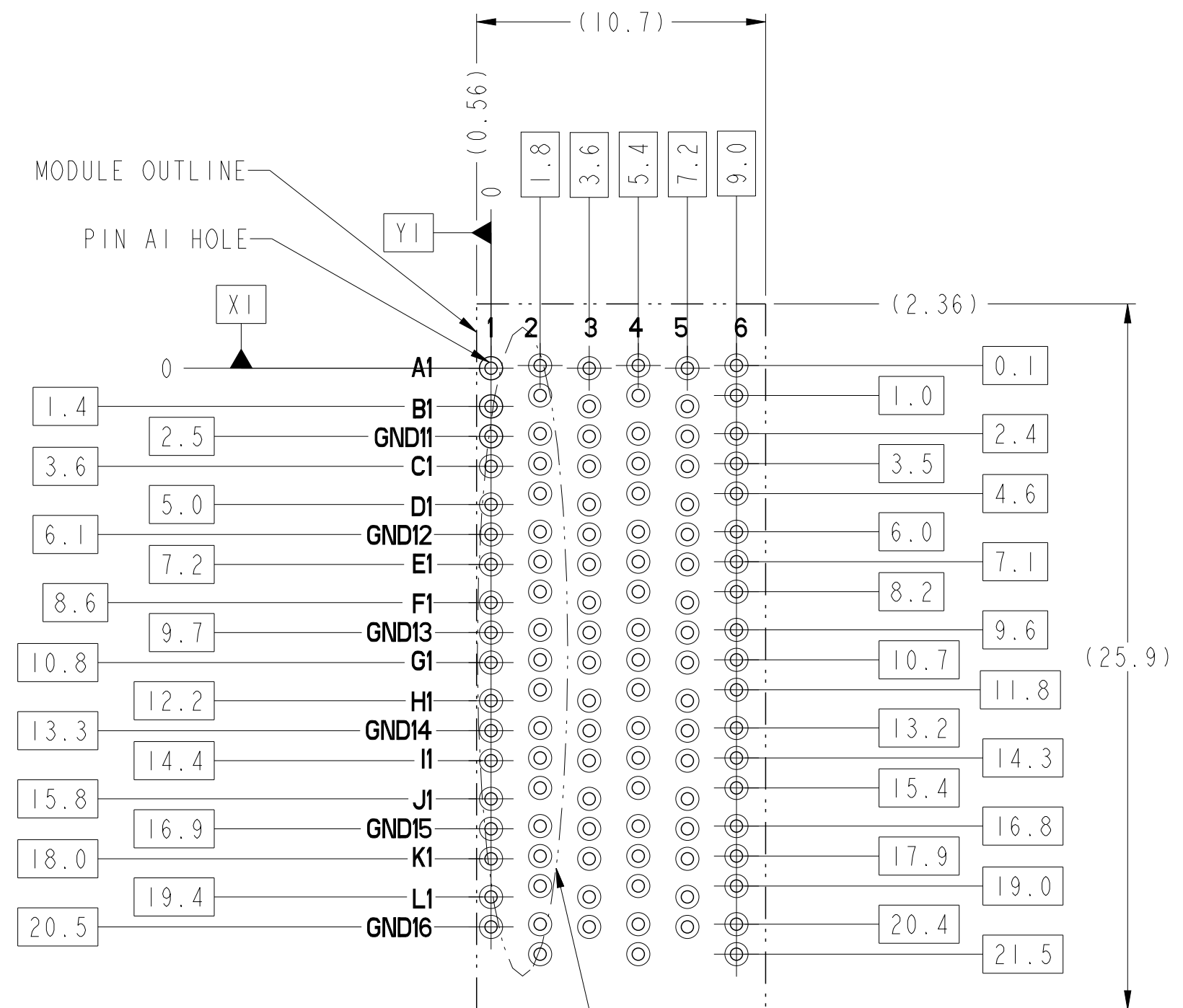
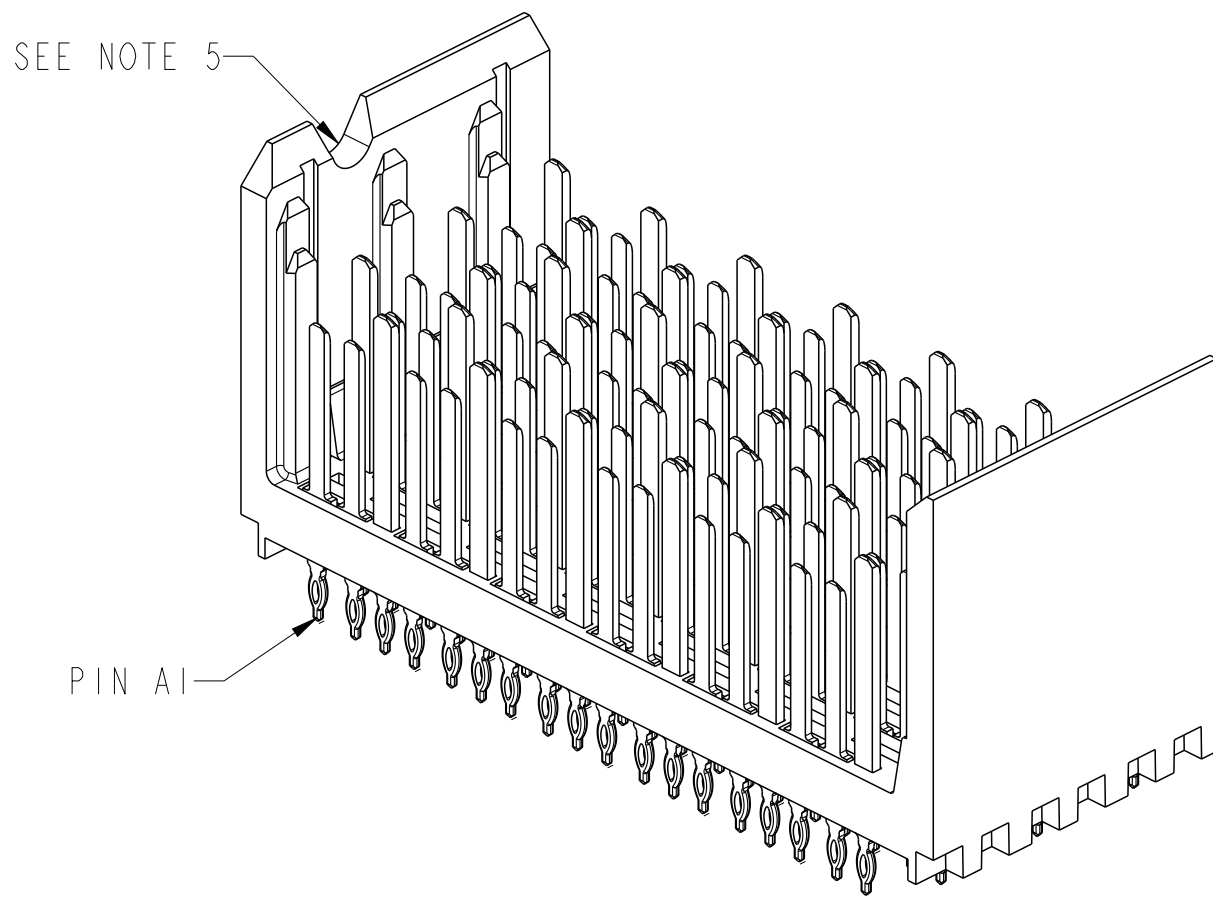
TABLE 1 (SEE NOTE 11)		
	UNGROUND	GROUND
FHS	Ø2.35-Ø2.55	Ø2.35-Ø2.55
PAD	N/A	Ø5.50
PLATED	NO	YES
DRILL(mm)	2.44mm	2.58mm
DRILL(in)	0.096"	0.1015"

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

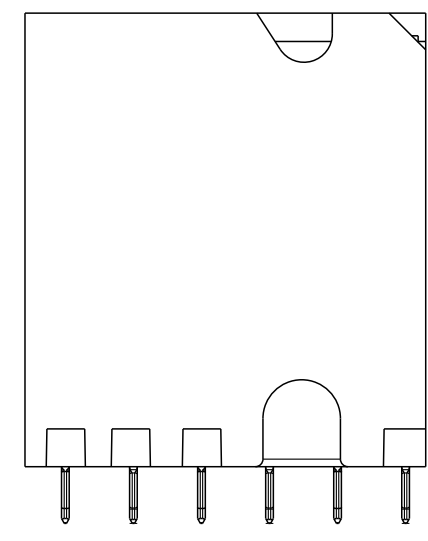
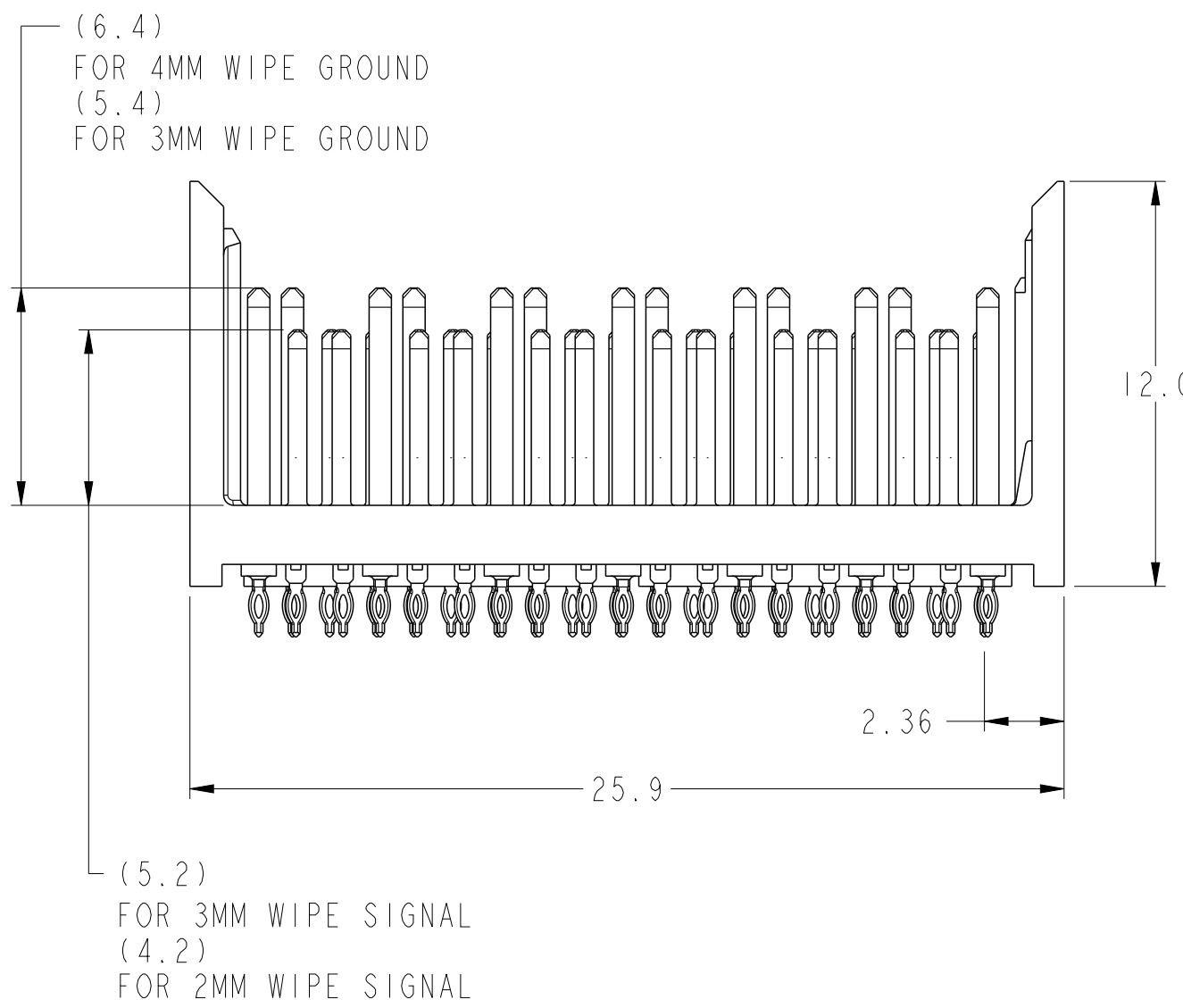
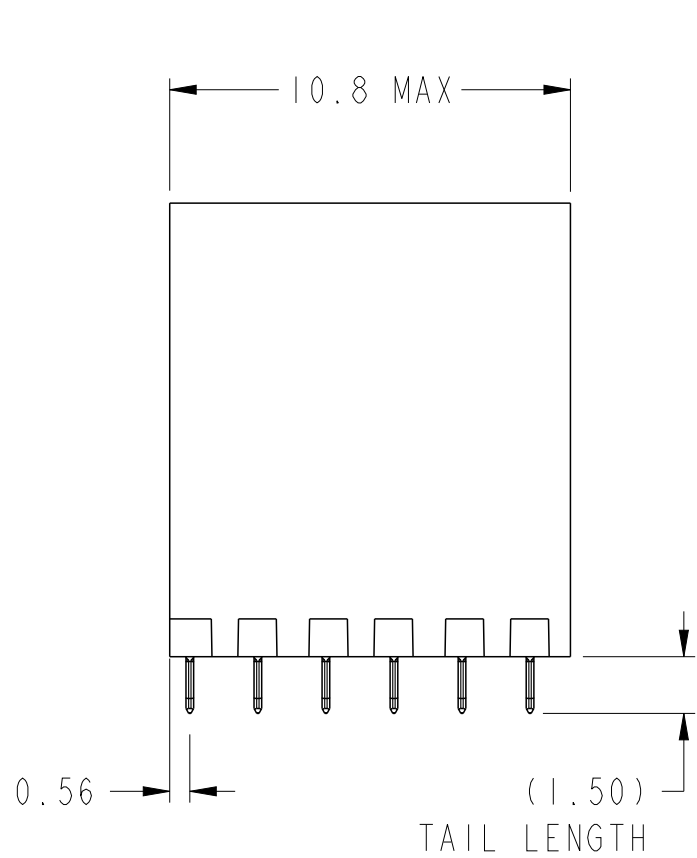
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tolerance std	-	eng	Sandar Soe	2016/03/08			ecn no	ELX-S-17624-1	rel level	Released
ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	-	-						
		appr	Chen-Hong Tan	2016/03/17						
surface	linear	0.X	±0.3	Amphenol FCi	title	VERTICAL HEADER ASSEMBLY	cat. no.	Product - Customer Drw	sheet 1 of 8	rev
		0.XX	±0.10							
		0.XXX	±0.05							
ASME Y14.5	angular	0°	±2°	www.fci.com						C



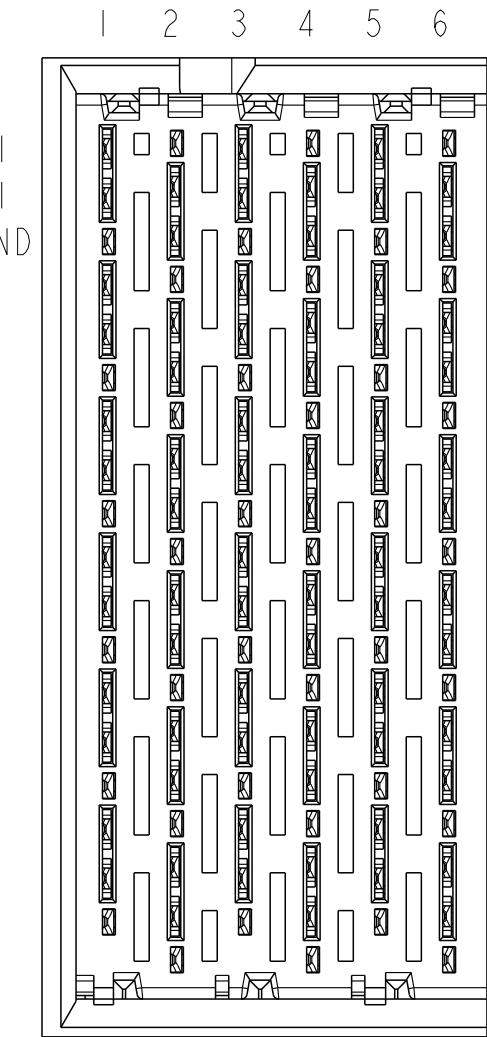
OPEN WALL MODULE



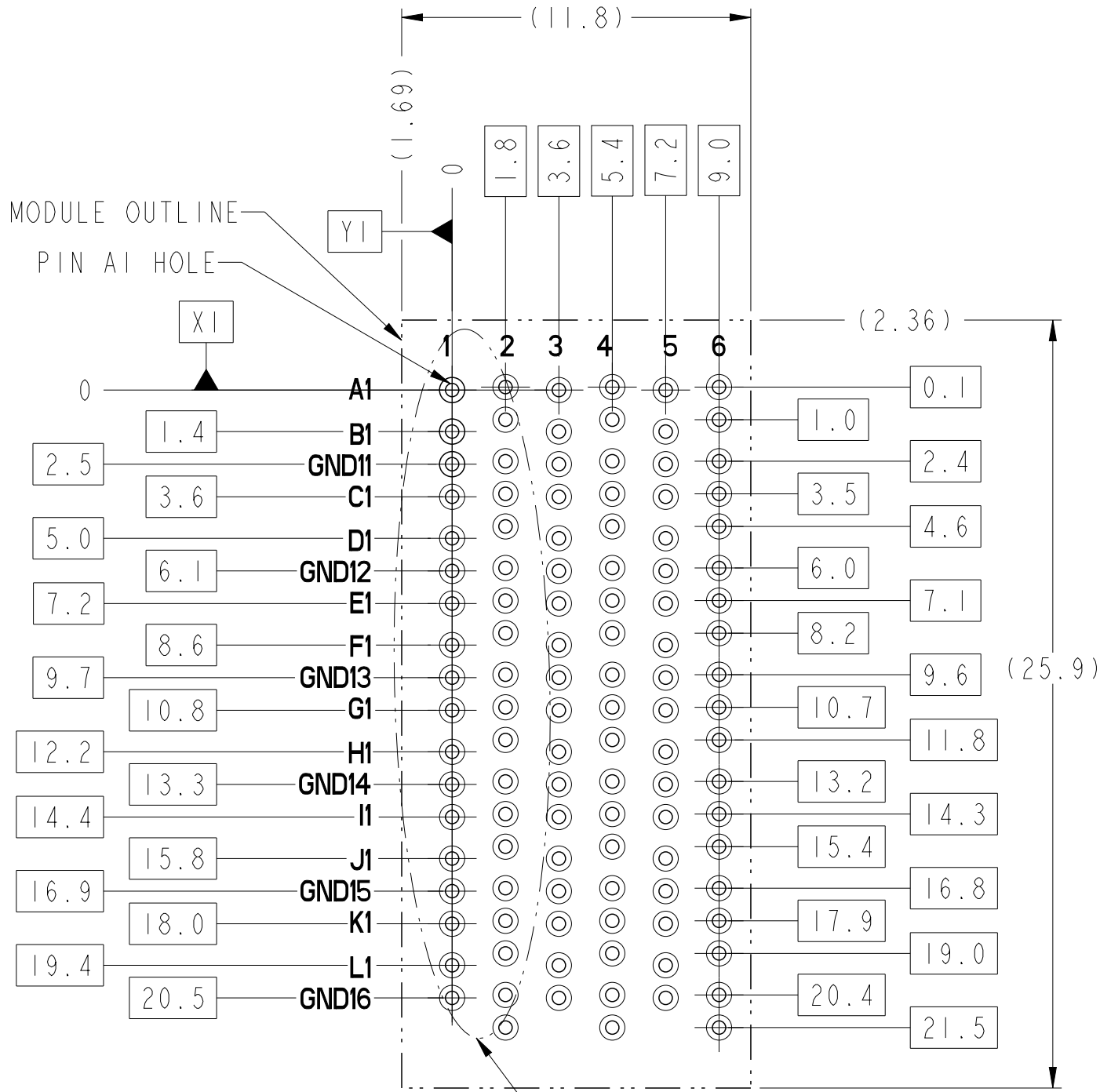
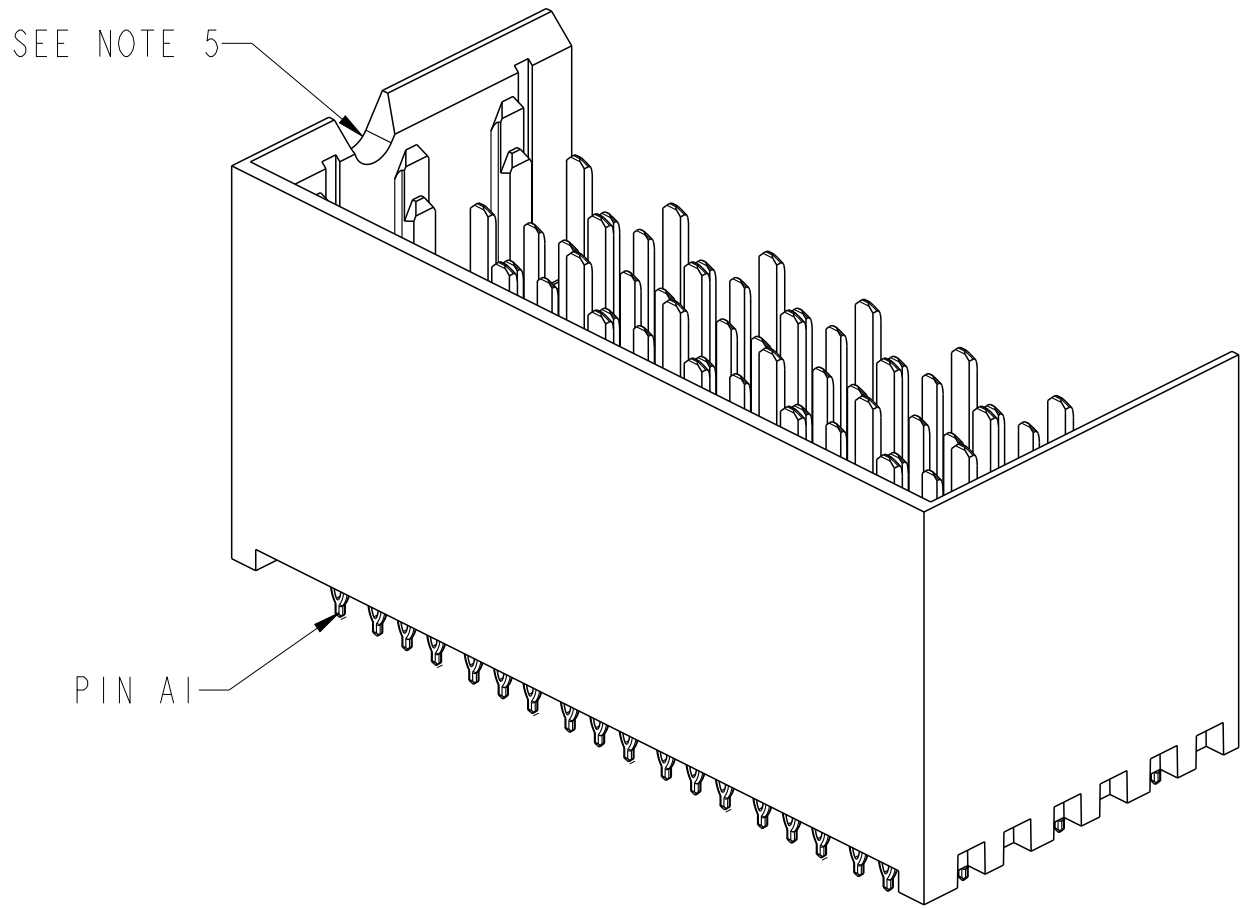
BP HOLE PATTERN COMPONENT SIDE
OPEN WALL MODULE BACKPLANE FOOTPRINT



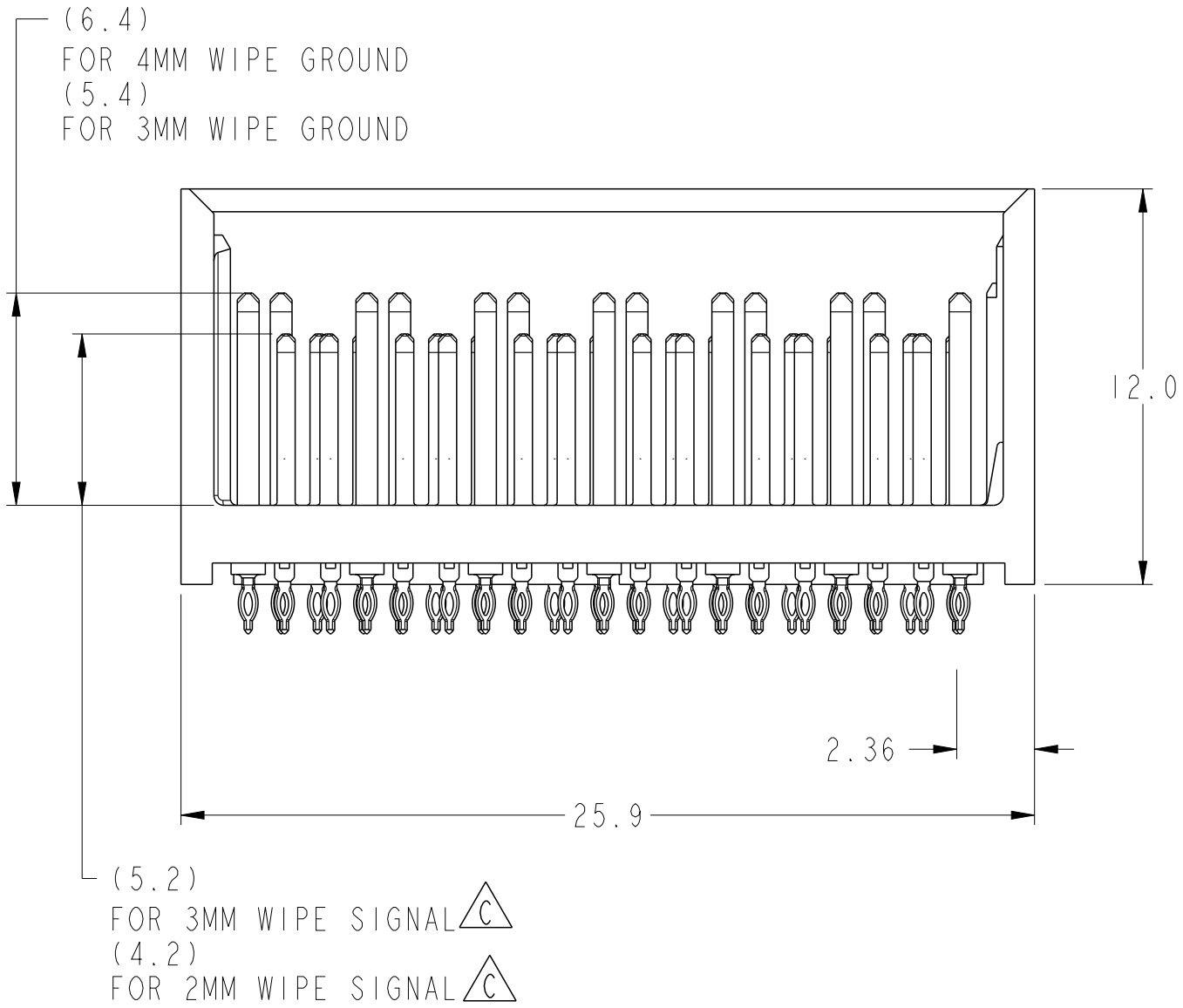
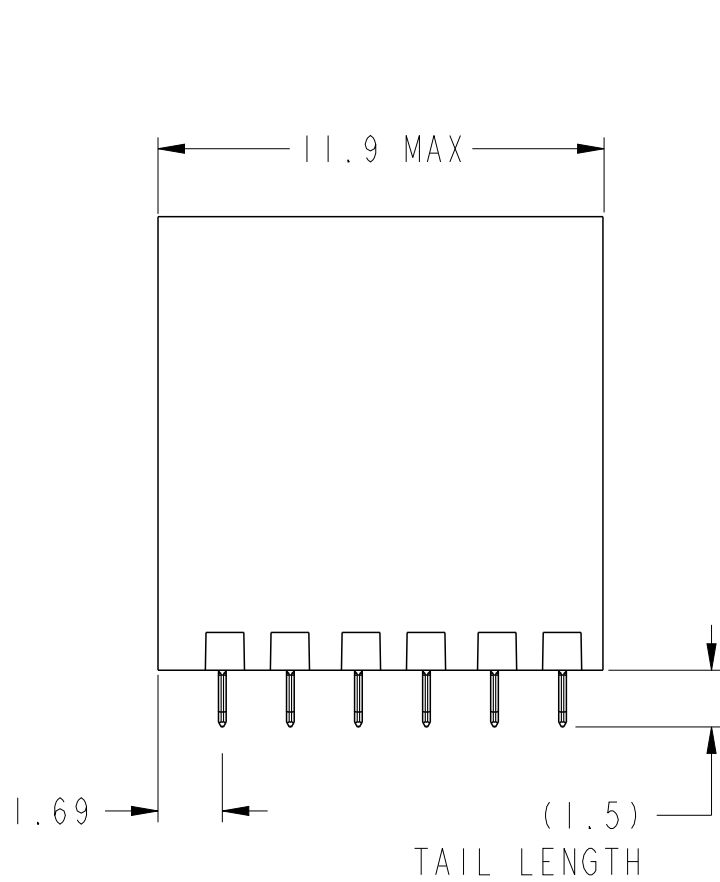
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tolerance std	-	eng	Sandar Soe	2016/03/08	chr	-	ecn no	ELX-S-17624-1		
ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	appr	Chen-Hong Tan	2016/03/17	product family	XCEDE HD	rel level	Released		
surface	linear	0.X	±0.3	0.XX	±0.10	0.XXX	±0.05	angular	0°	±2°
ASME Y14.5										
Amphenol FCI		VERTICAL HEADER ASSEMBLY		XCEDE HD 6 PAIR, 6 COLUMN		10119130		C		
www.fci.com		cat. no.		Product - Customer Drw		sheet 2 of 8				



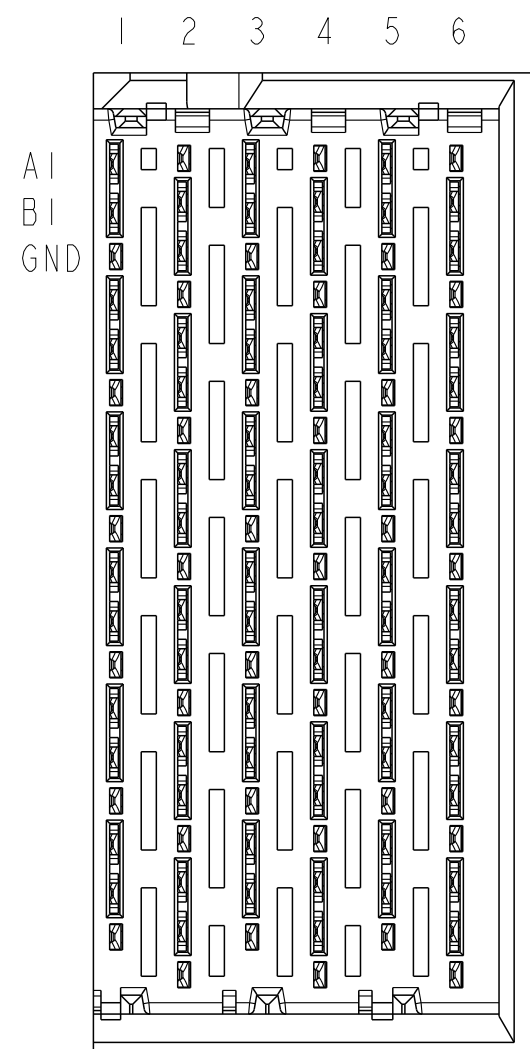
LEFT WALL MODULE



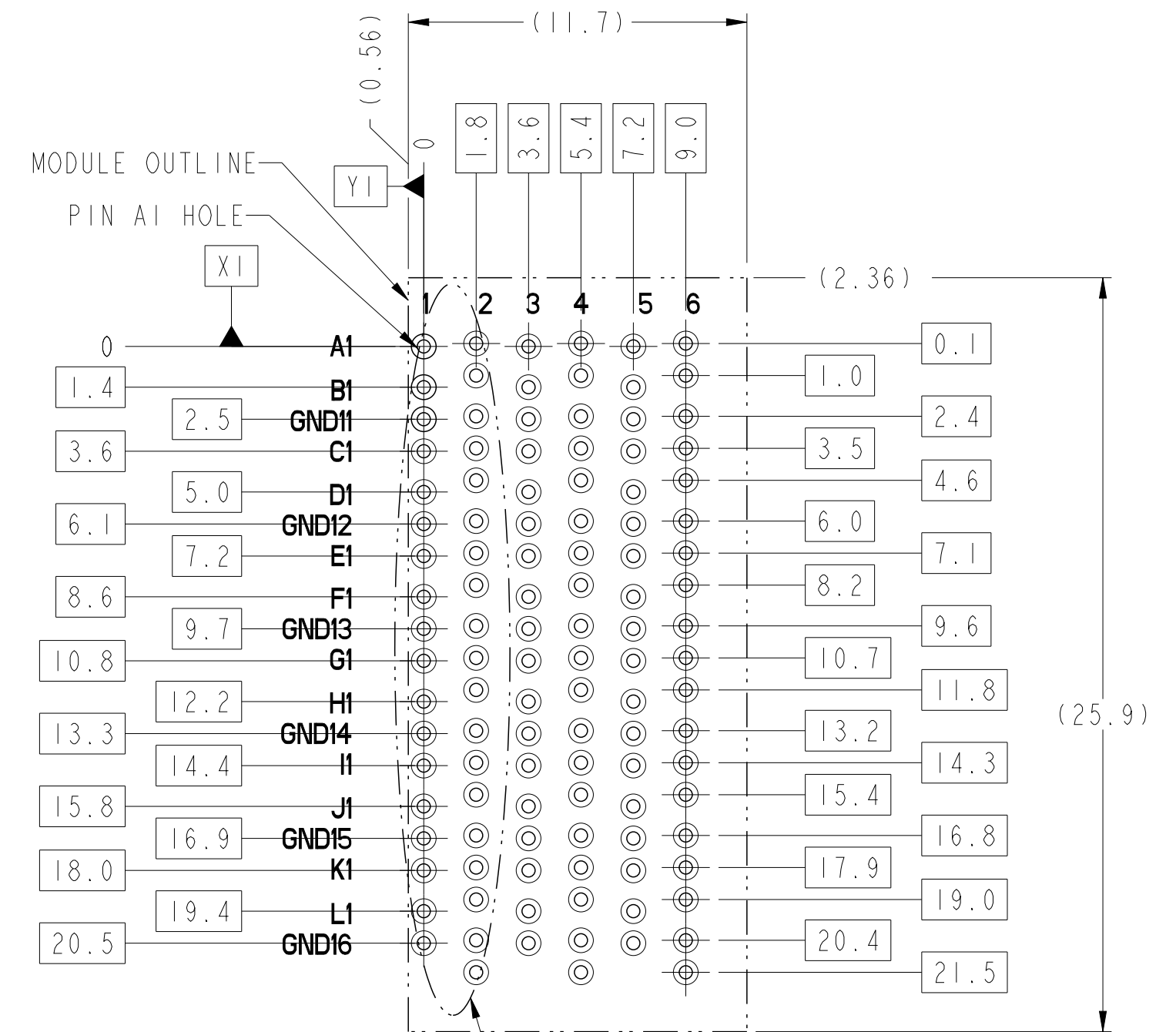
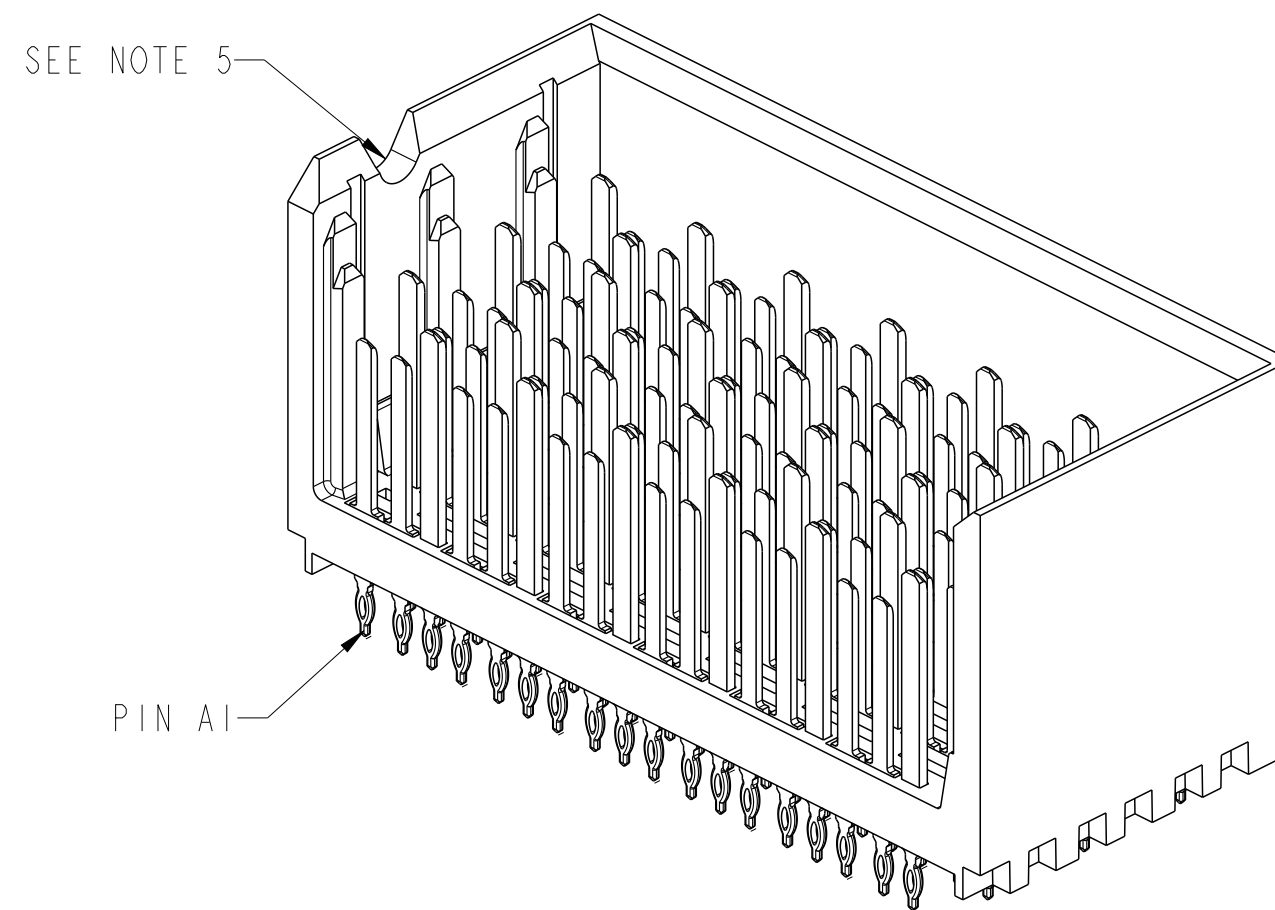
BP HOLE PATTERN COMPONENT SIDE
LEFT WALL MODULE BACKPLANE FOOTPRINT



spec ref	-	dr	Marty Glass	2012/02/09	projection	MM	size	A2	scale	5:1
tolerance std	-	eng	Sandar Soe	2016/03/08		MM	ecn no	ELX-S-17624-1	rel level	Released
ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	-	-						
surface	linear	appr	Chen-Hong Tan	2016/03/17						
ASME Y14.5	angular	0°	±2°	0.X	±0.3	0.XX	±0.10	0.XXX	±0.05	
		Amphenol FCI		title		VERTICAL HEADER ASSEMBLY		size		10119130
		www.fci.com		cat. no.		Product - Customer Drw		sheet 3 of 8		rev
		PDS: Rev :C		STATUS:Released		Printed: Mar 17, 2016				C

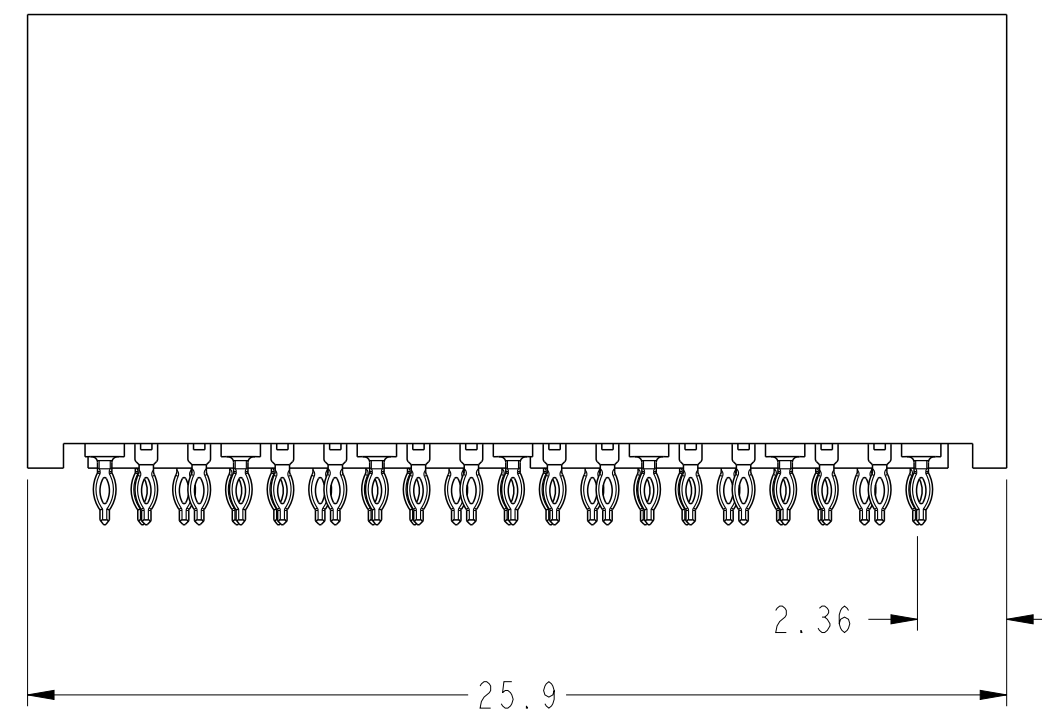
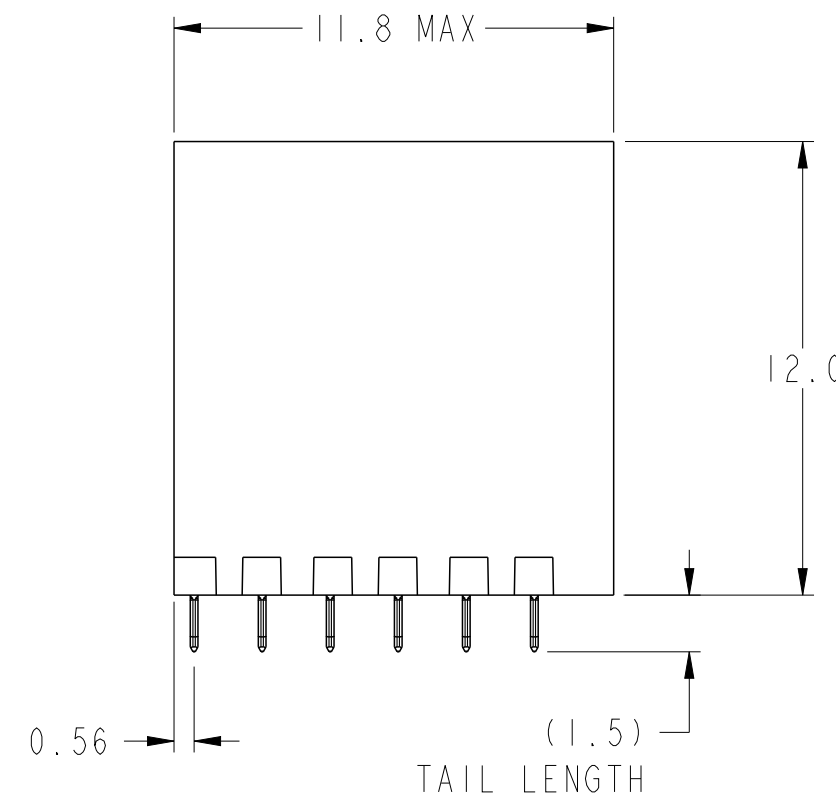
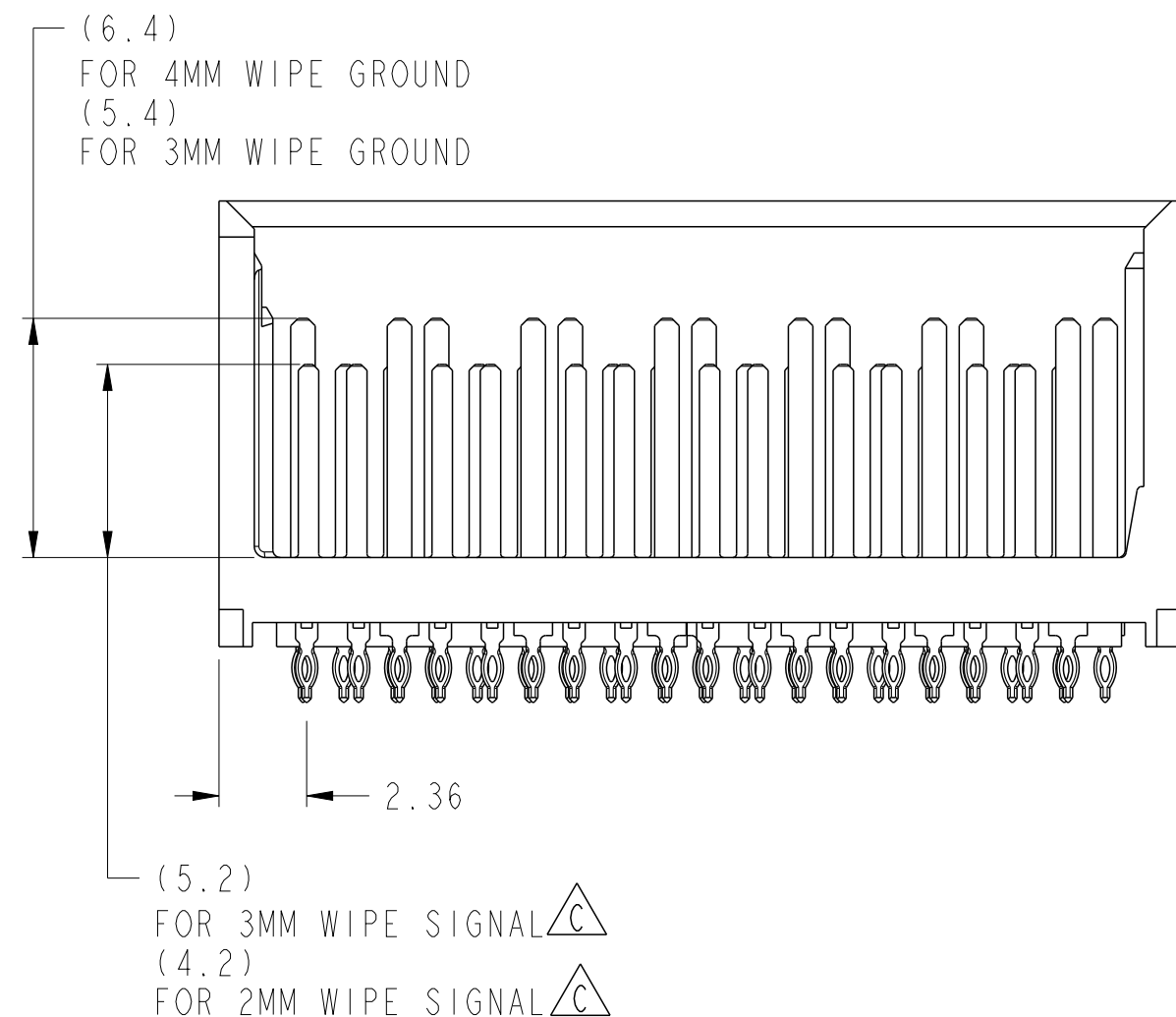


RIGHT WALL MODULE



SEE DETAIL A
ON SHEET 8 FOR PINOUT DETAILS

BP HOLE PATTERN COMPONENT SIDE
RIGHT WALL MODULE BACKPLANE FOOTPRINT

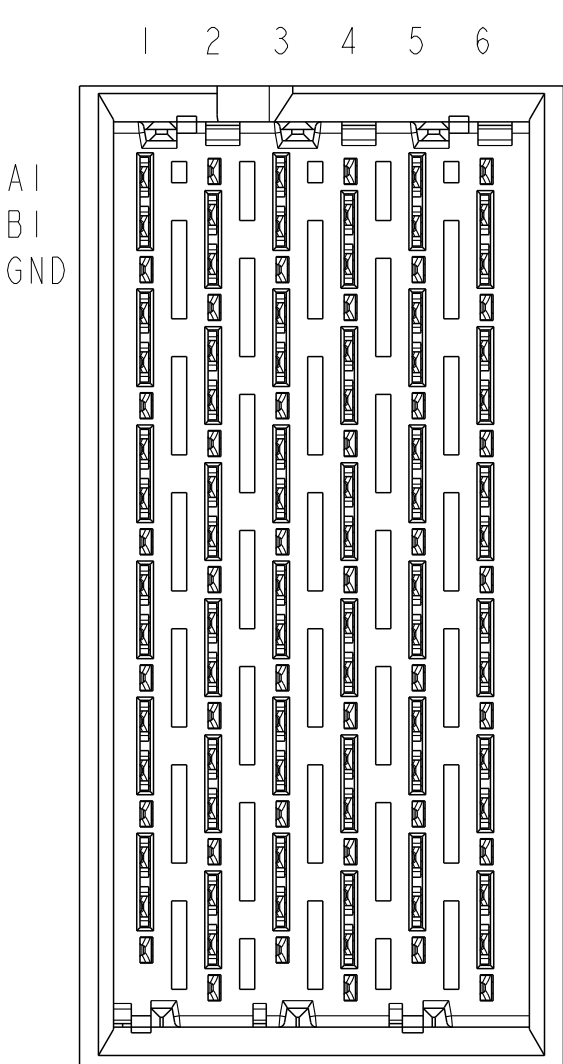


spec ref	-	dr	Marty Glass	2012/02/09	projection	MM	size	A2	scale	5:1
tolerance std	-	eng	Sandar Soe	2016/03/08	chr	-	ecn no	ELX-S-17624-1		
ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	appr	Chen-Hong Tan	2016/03/17	product family	XCEDE HD	rel level	Released		
surface	linear	0.X	±0.3	Amphenol FCI	title	VERTICAL HEADER ASSEMBLY	dwg no	10119130	rev	C
ASME Y14.5	angular	0.XX	±0.10	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 4 of 8		
		0.XXX	±0.05							
		0°	±2°							

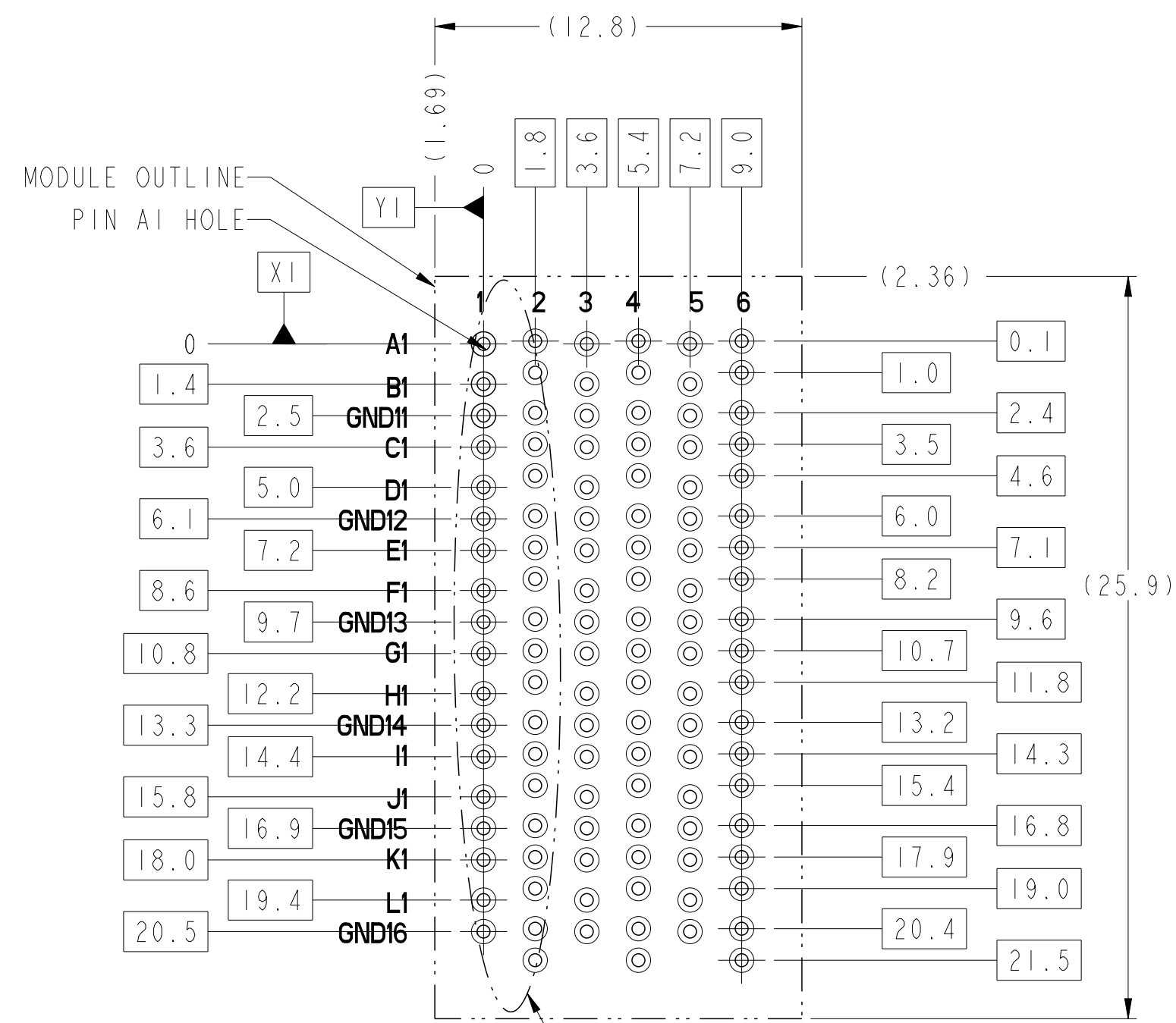
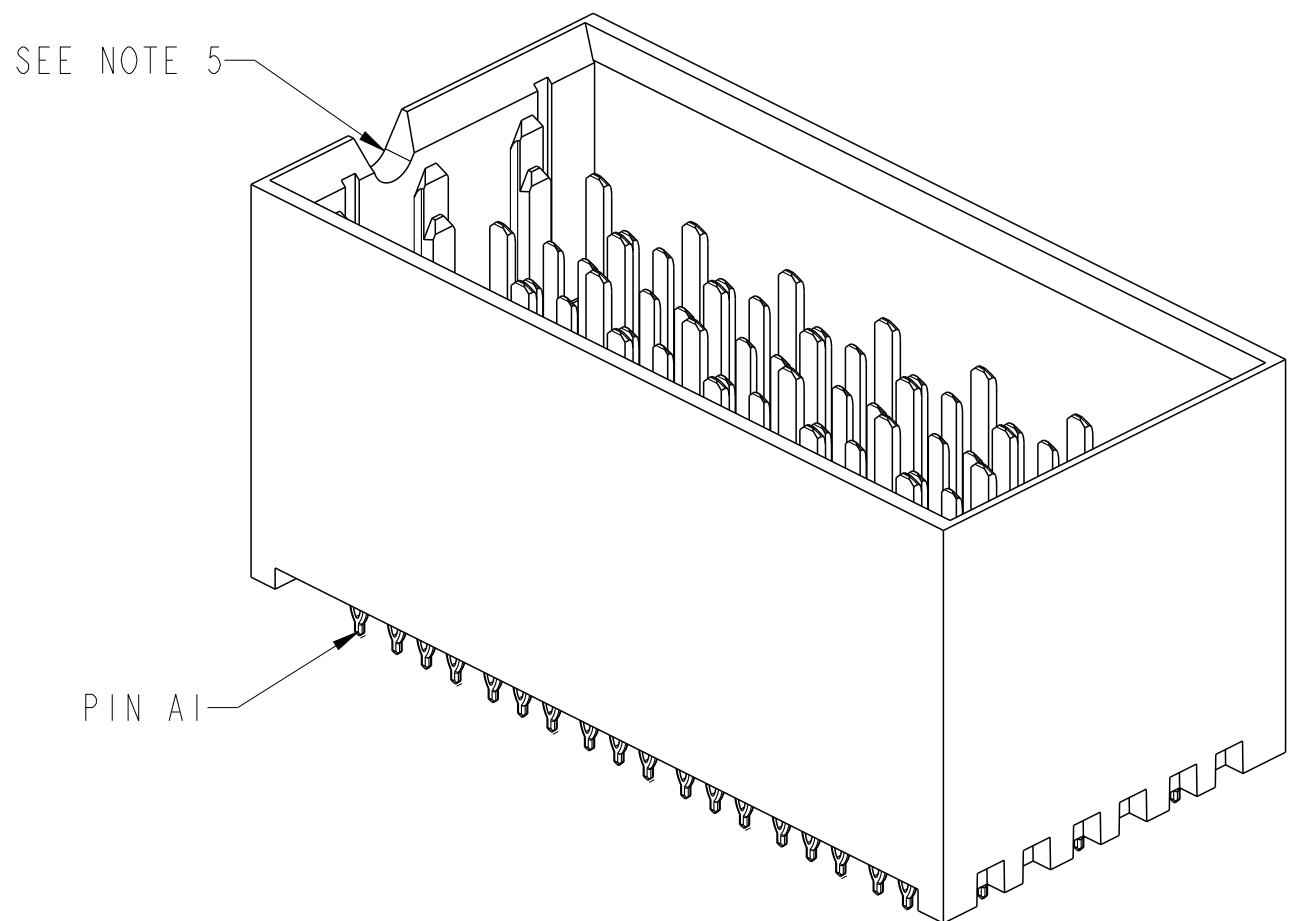
PDS: Rev :C

STATUS:Released

Printed: Mar 17, 2016



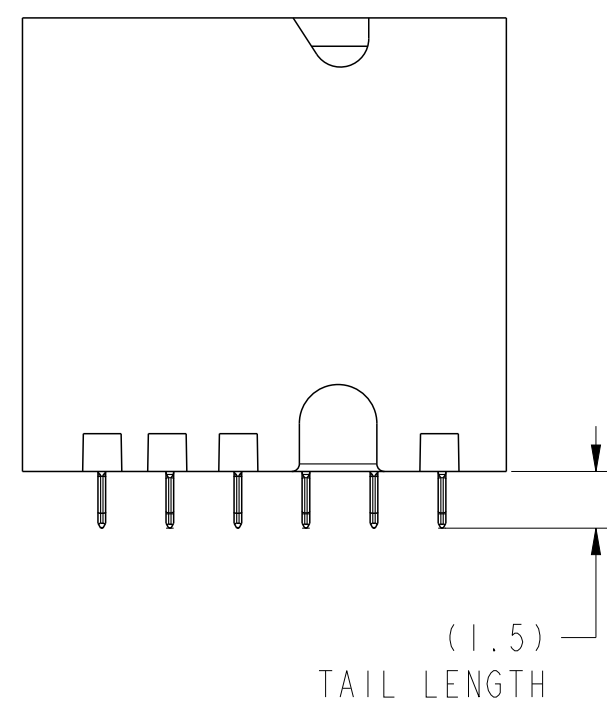
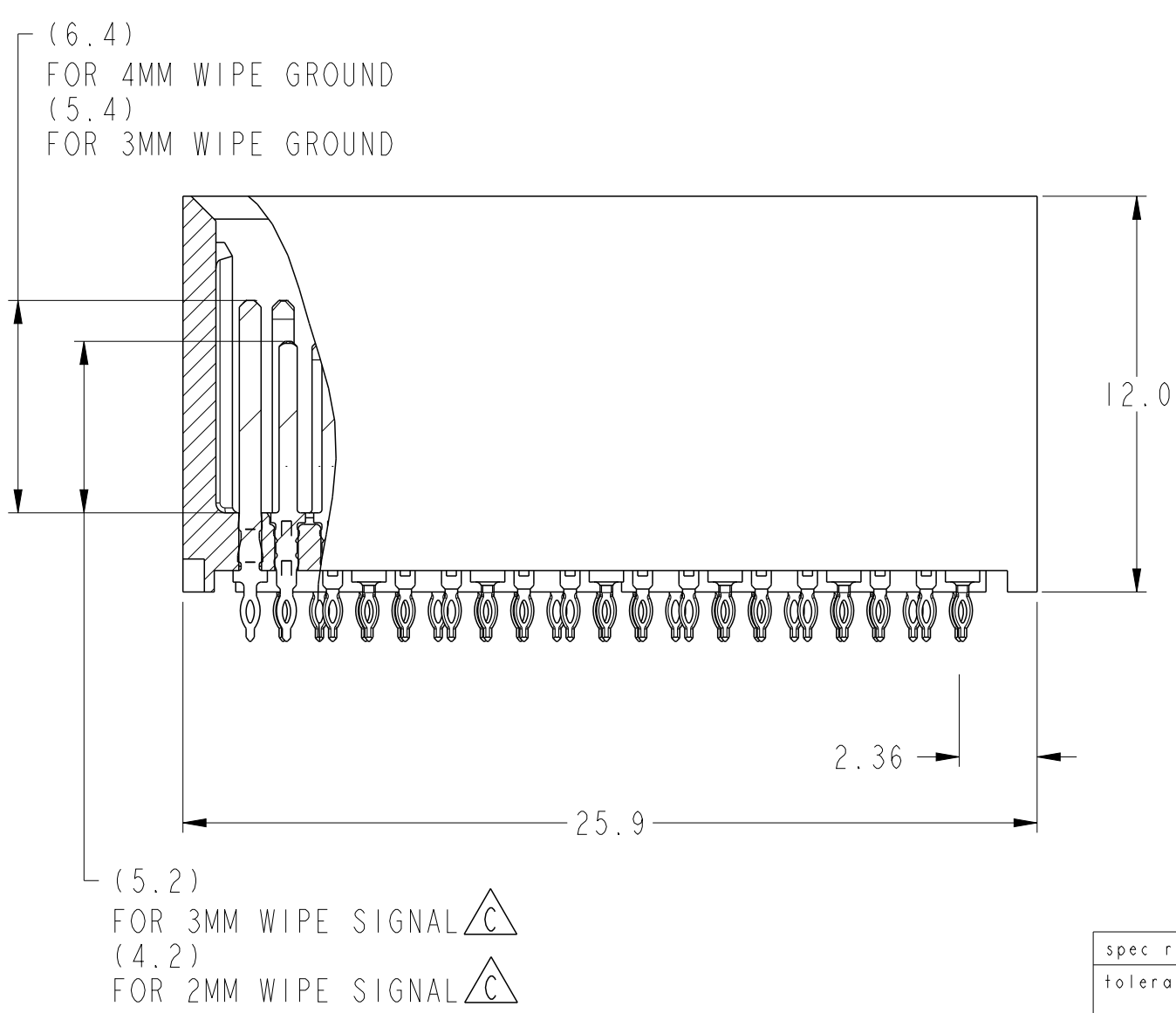
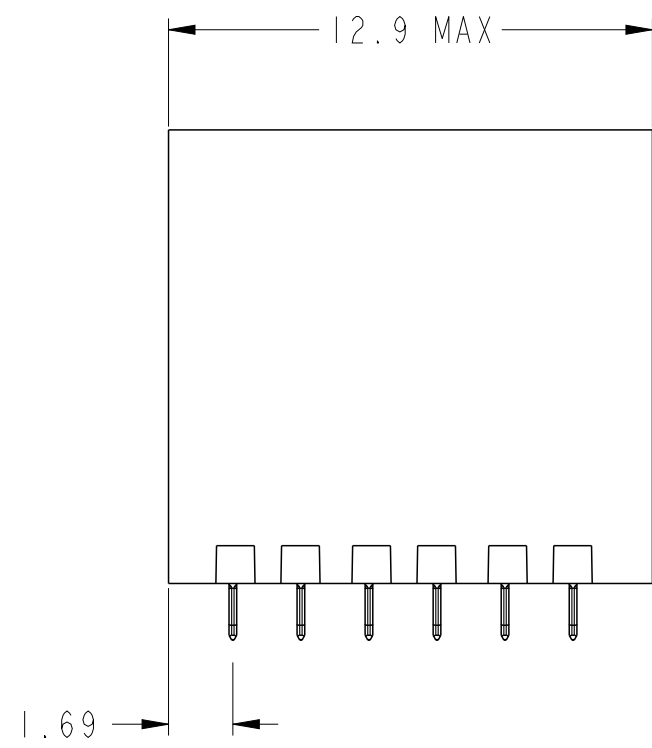
FOUR WALL MODULE



SEE DETAIL A
ON SHEET 8 FOR PINOUT DETAILS

BP HOLE PATTERN COMPONENT SIDE

FOUR WALL MODULE BACKPLANE FOOTPRINT

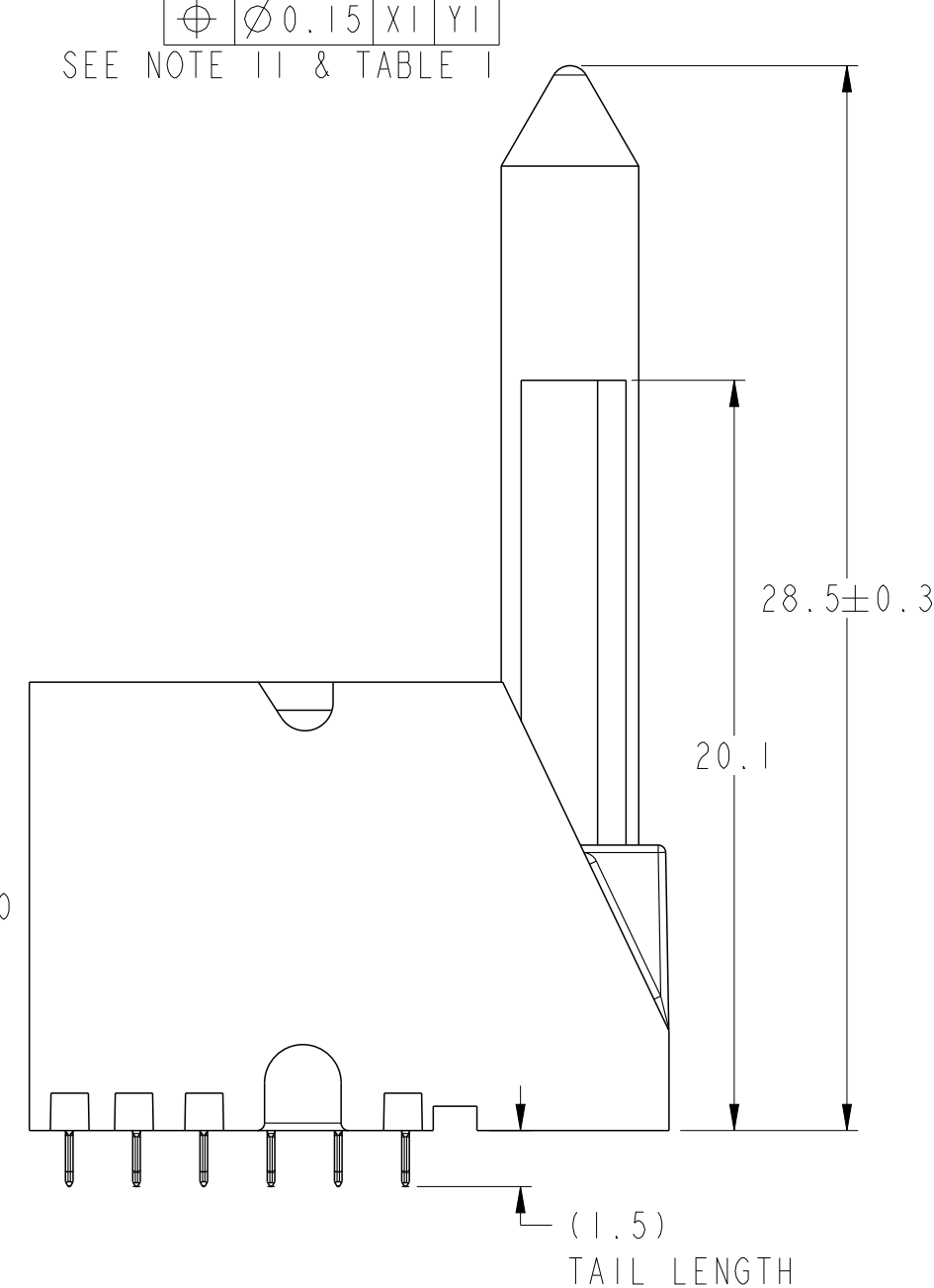
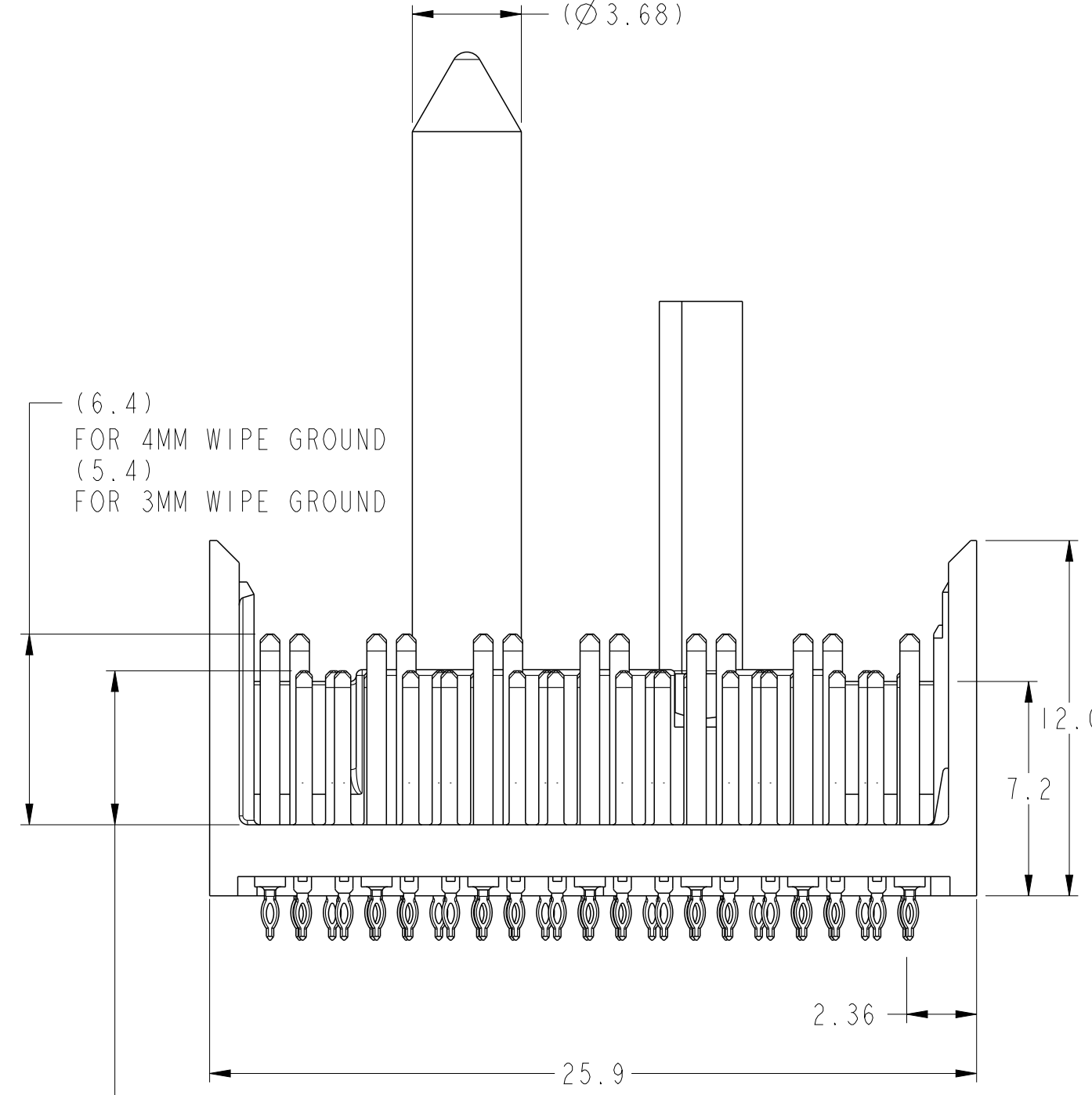
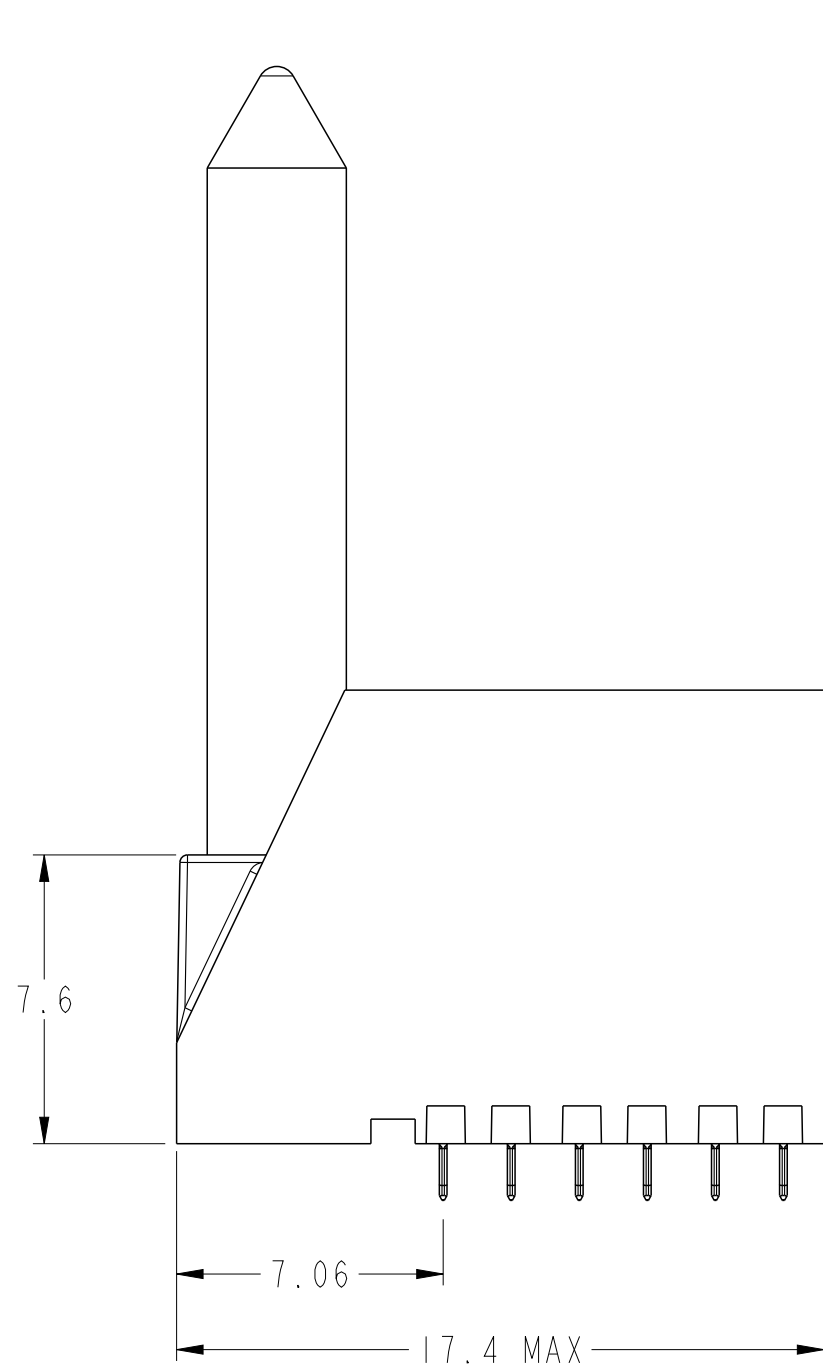
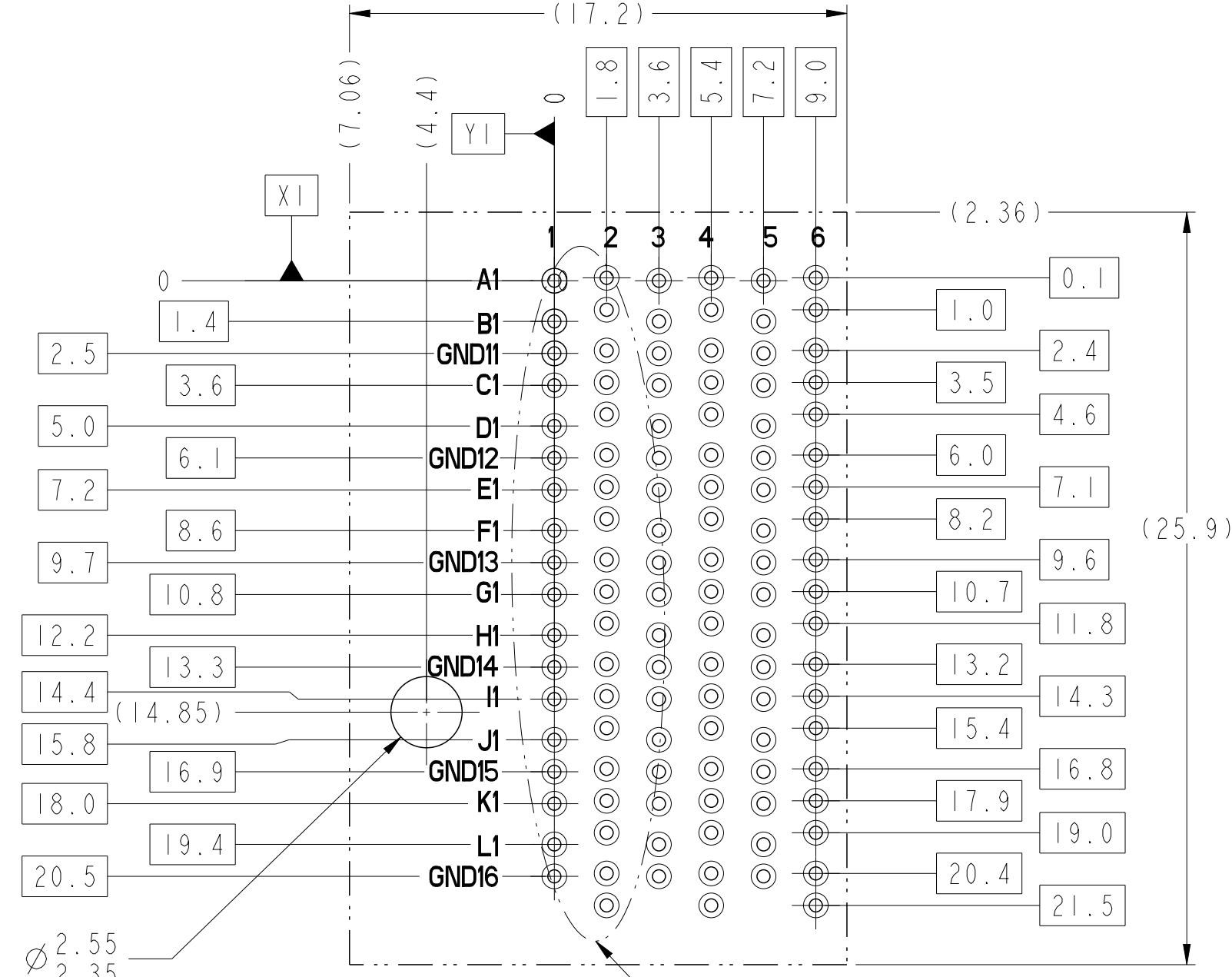
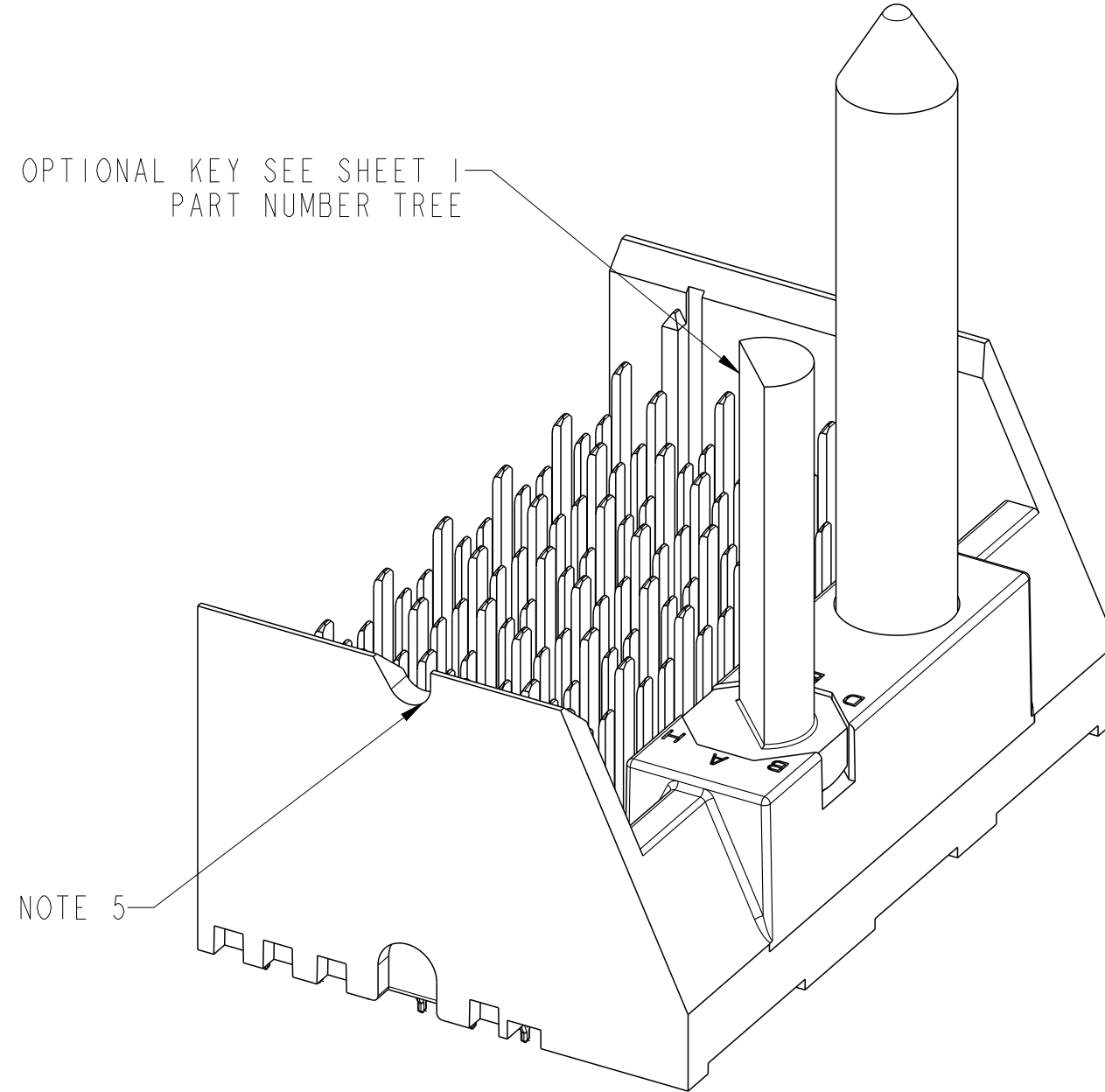
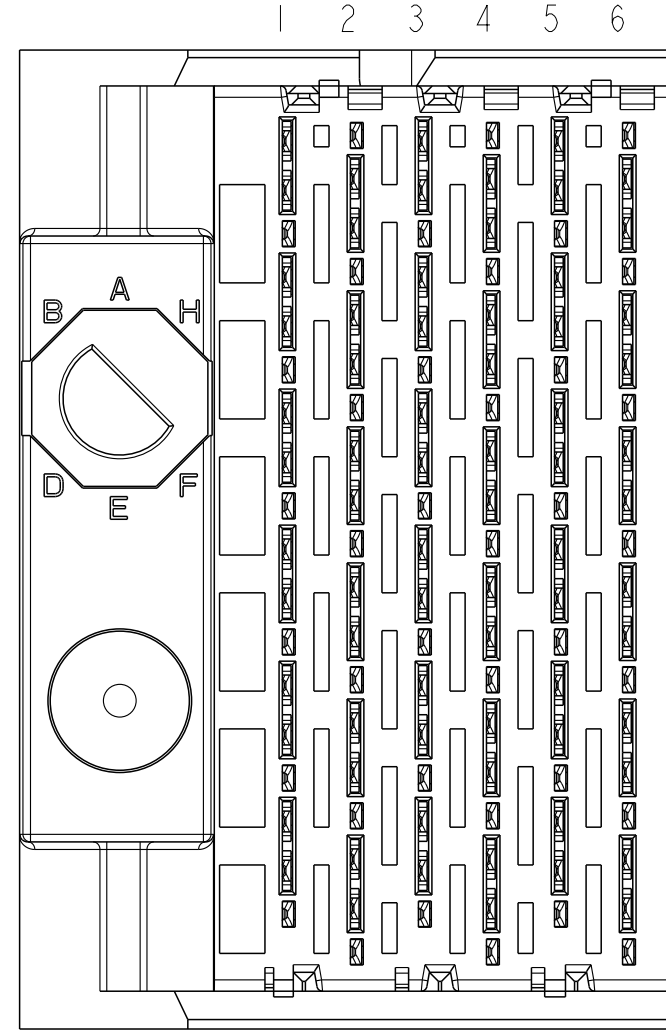


spec ref		-		dr		Marty Glass		2012/02/09		projection		MM		size		A2		scale		5:1							
tolerance std		-		eng		Sandar Soe		2016/03/08						ecn no		ELX-S-17624-1											
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		-		-						rel level		Released											
				appr		Chen-Hong Tan		2016/03/17		product family												XCEDE HD					
surface				linear		0.X		±0.3		Amphenol FCI		title		VERTICAL HEADER ASSEMBLY		dwg no		10119130		rev		C					
				0.XX		±0.10																					
				0.XXX		±0.05																					
ASME Y14.5				angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw				sheet 5 of 8							

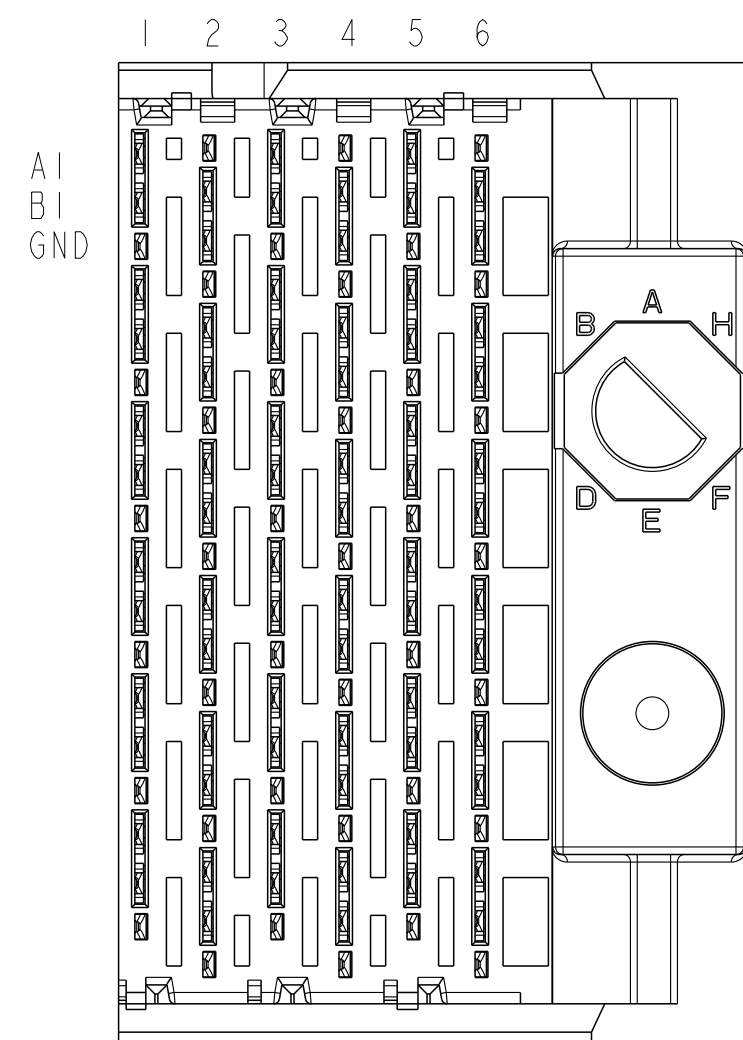
LEFT POLARIZING / GUIDE MODULE

BP HOLE PATTERN COMPONENT SIDE
LEFT POLARIZING GUIDE MODULE
BACKPLANE FOOTPRINT

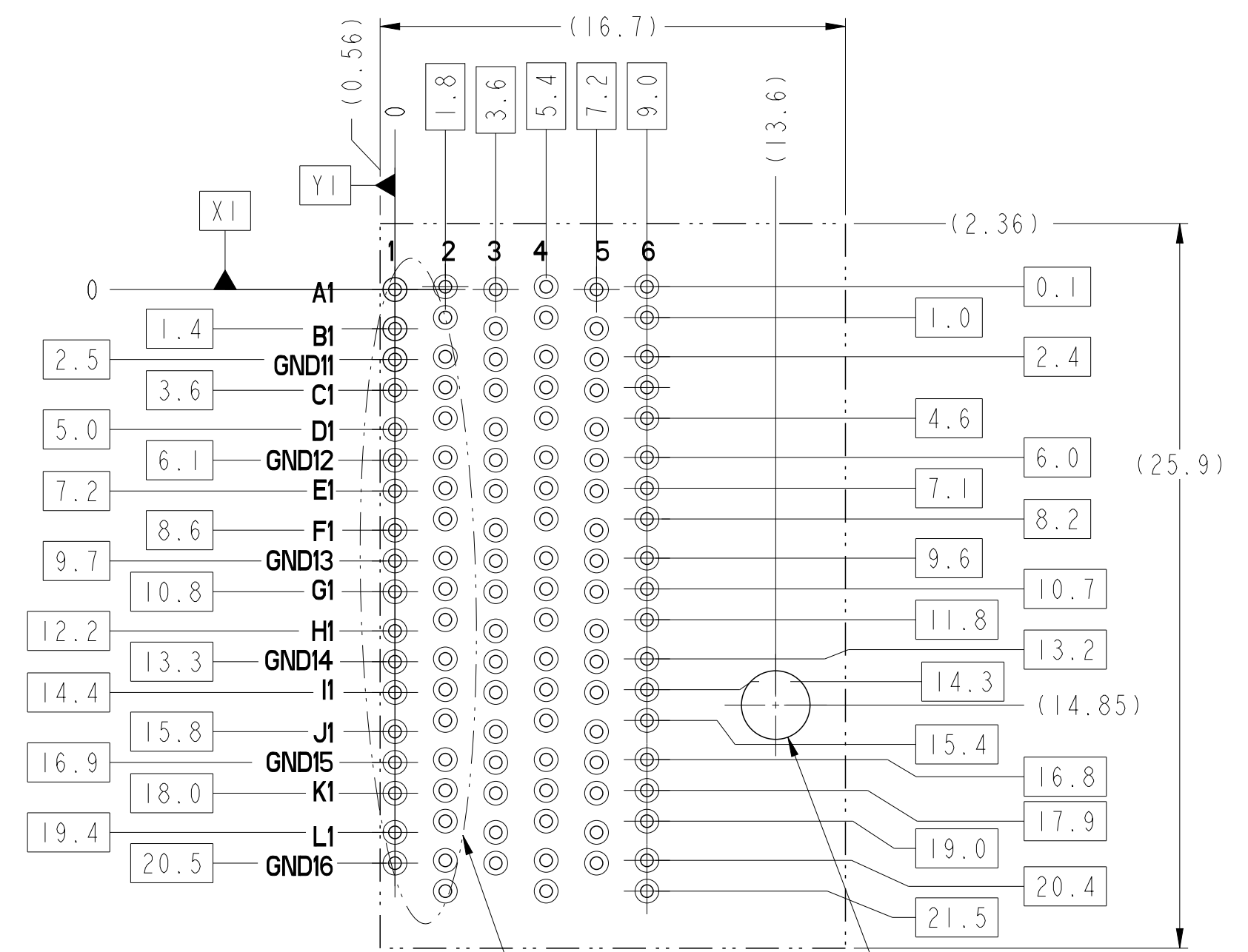
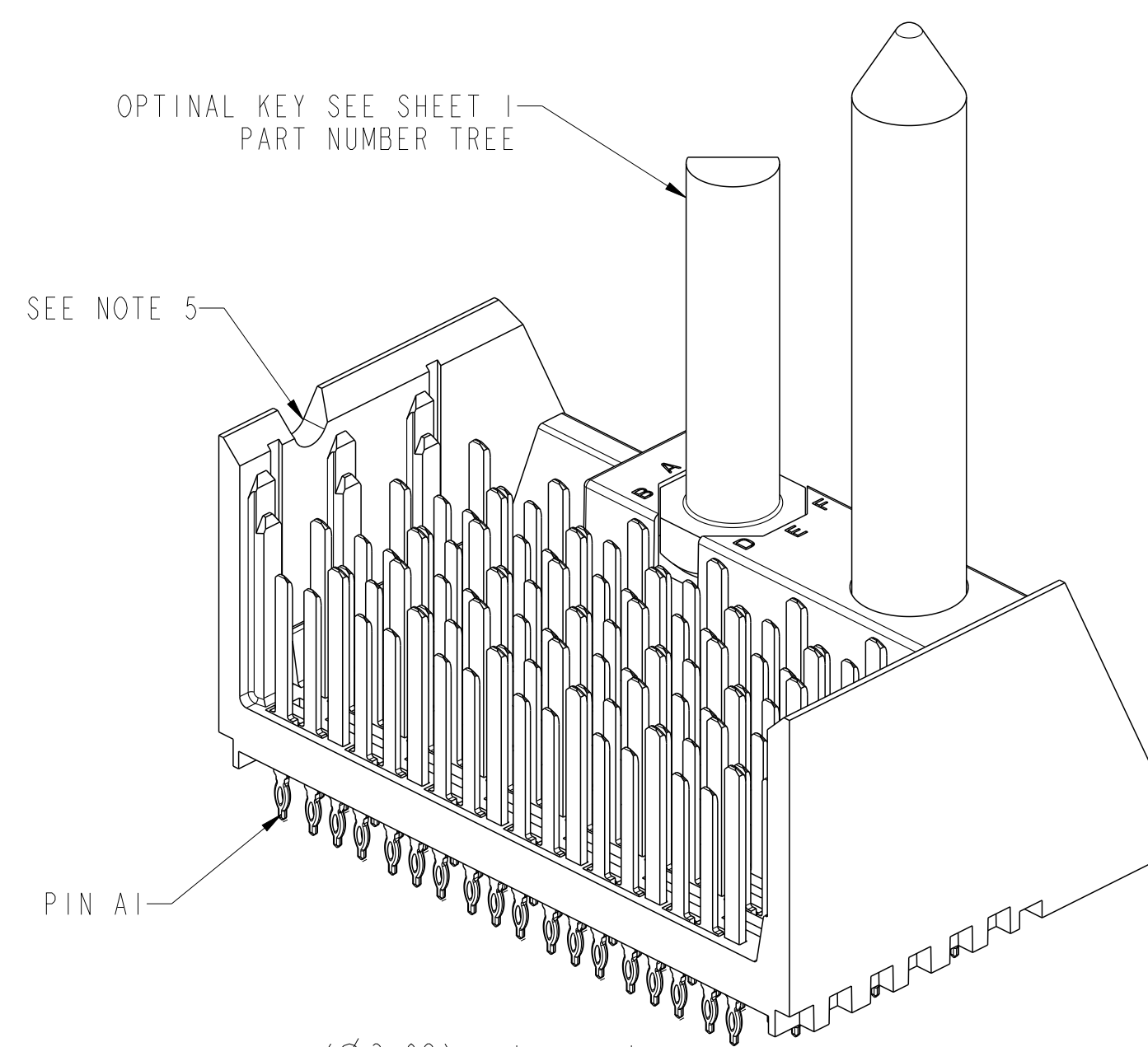
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tolerance std	-	eng	Sandar Soe	2016/03/08			ecn no	ELX-S-17624-1	rel level	Released
ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	-	-						
surface	linear	appr	Chen-Hong Tan	2016/03/17						
ASME Y14.5	angular	0°	±2°	0.0	0.1	0.2	0.3	0.4	0.5	0.6
www.fci.com	cat. no.	-	Product - Customer Drw	sheet 6 of 8						



(5.2)
FOR 3MM WIPE SIGNAL
(4.2)
FOR 2MM WIPE SIGNAL



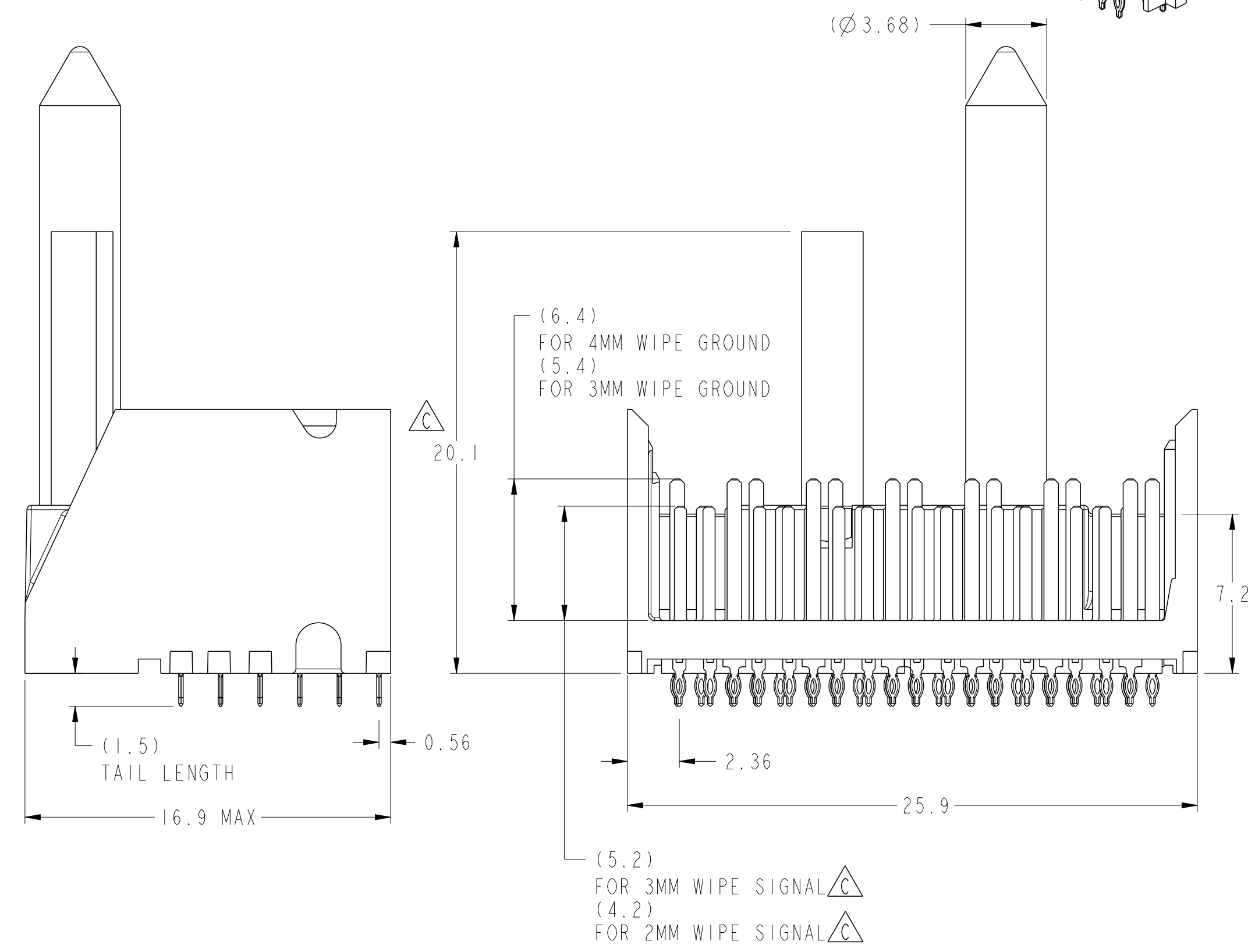
RIGHT POLARIZING GUIDE MODULE



SEE DETAIL A
ON SHEET 8 FOR
PINOUT DETAILS

SEE NOTE 11 & TABLE 1

BP HOLE PATTERN COMPONENT SIDE
RIGHT POLARIZING GUIDE MODULE
BACKPLANE FOOTPRINT



spec ref		-		dr		Marty Glass		2012/02/09		projection		MM		size		A2		scale		5:1	
tolerance std		-		eng		Sandar Soe		2016/03/08						ecn no		ELX-S-17624-1					
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		-		-						product family		XCEDE HD		rel level		Released	
				appr		Chen-Hong Tan		2016/03/17													
surface		linear		0.X		±0.3		Amphenol FCI		title		VERTICAL HEADER ASSEMBLY		dwg no		10119130		rev		C	
				0.XX		±0.10															
				0.XXX		±0.05															
ASME Y14.5		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 7 of 8					

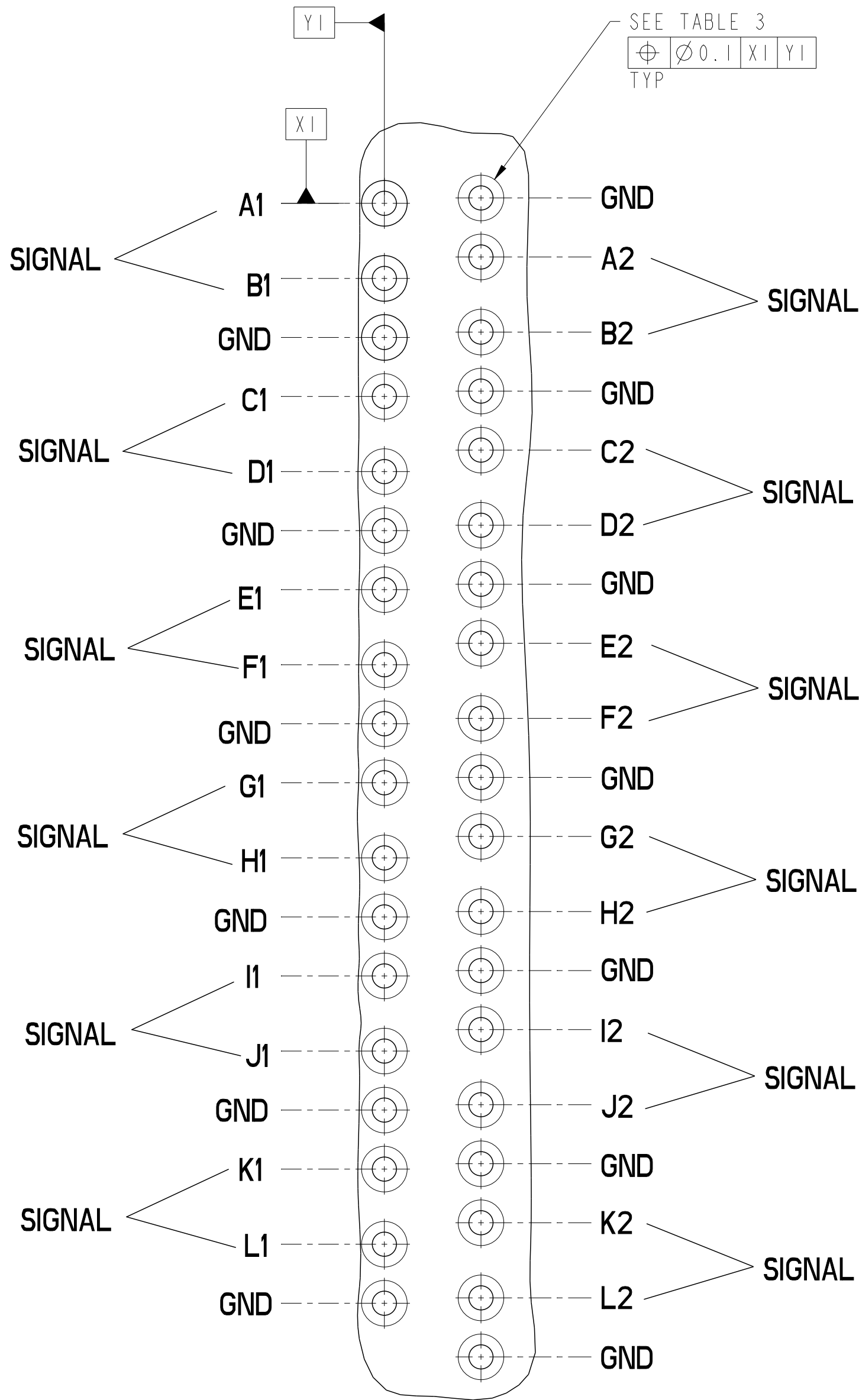


TABLE 3		
	COMPLIANT PIN DRILL $\varnothing 0.55[0.0217"]$	COMPLIANT PIN DRILL $\varnothing 0.45[0.0117"]$
PTH	$\varnothing 0.45 \pm 0.05$	$\varnothing 0.36 \pm 0.05$
DRILL	$\varnothing 0.55[0.0217"]$	$\varnothing 0.45[0.0117"]$
PAD	$\varnothing 0.85$	$\varnothing 0.75$

NOTES:

- CONNECTOR MATERIALS
SHROUD : HIGH-TEMP POLYMER, COLOR : BLACK, UL94V-0
CONTACTS : HIGH PREFORMANCE COPPER ALLOY
- PRODUCT SPECIFICATION : GS-12-0936
- APPLICATION SPECIFICATION : GS-20-0348
- PRODUCT MARKING :
PART NUMBER (10119130-X0C-XXXLF)
"FCI" AND DATE CODE (FCI P#####)
- NOTCH DESIGNATES "ROW A" SIDE OF CONNECTOR. NOTCH FEATURE ON OPPOSITE FOR PRODUCT MARKING.
- PLATING THICKNESS OF SIGNAL & GROUND CONTACT ARE DETERMINED BY PLATING CODE, REFER TO P/N TREE ON SHEET 1.
- PACKAGING MEETS GS-14-920 LEAD-FREE LABELING SPECIFICATION.
- 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'.
- SEE APPLICATION SPECIFICATION FOR ROUTING GUIDELINES, ADDITIONAL PTH GUIDELINES, MATED DIMENSIONS, GUIDE PIN SELECTION, ETC.
- A $\triangle C$ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE THAT HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.
- OPTIONAL HOLE LOCATION FOR GROUNDED PIN OR ADDITIONAL GUIDE-PIN SUPPORT. SEE TABLE 1 SHEET 1 FOR ADDITIONAL DETAILS.
- SCREW IS OPTIONAL AND ENGAGES WITH BOTTOM OF GUIDE PIN FROM BENEATH THE PCB FOR ADDITIONAL GUIDE-PIN SUPPORT.

spec ref -				dr Marty Glass		2012/02/09		projection		MM		size A2		scale 3:1			
tolerance std -				eng Sandar Soe		2016/03/08						ecn no ELX-S-17624-1		rel level Released			
ASME Y14.5				TOLERANCES UNLESS OTHERWISE SPECIFIED		chr -										2016/03/17	
				appr Chen-Hong Tan		2016/03/17										product family	
surface		linear		0.X		±0.3		Amphenol FCI		title VERTICAL HEADER ASSEMBLY		dwg no 10119130		rev C			
				0.XX		±0.10											
				0.XXX		±0.05											
ASME Y14.5		angular 0°		±2°		www.fci.com		cat. no. -		Product - Customer Drw		sheet 8 of 8					