

OPEN (2- WALL) MODULE

A

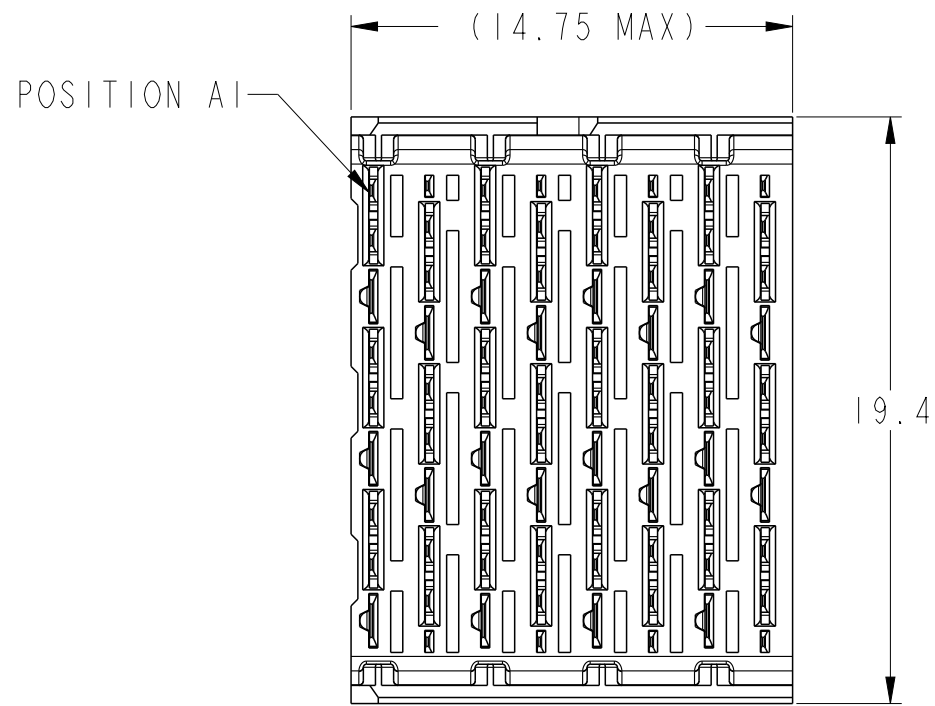
B

C

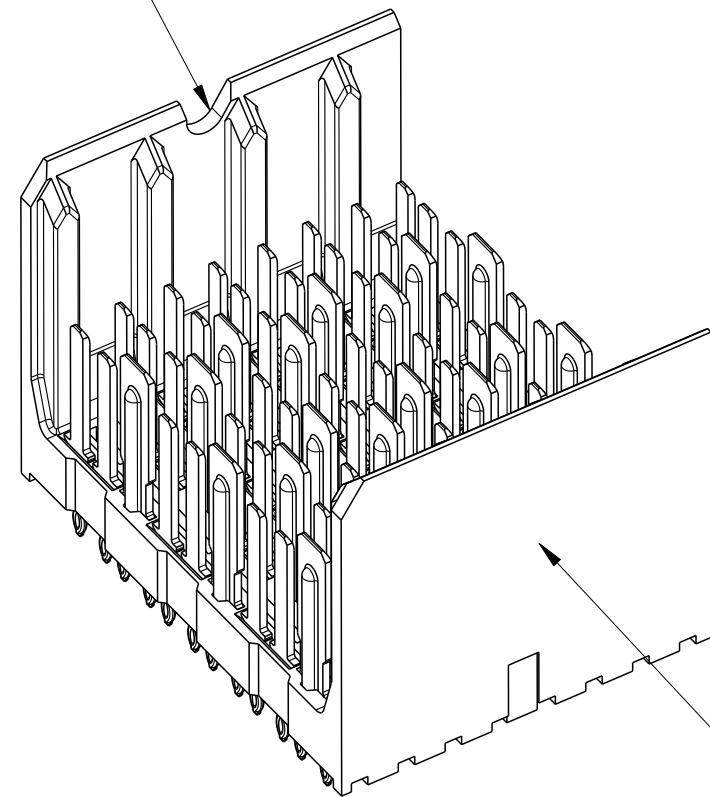
D

E

F

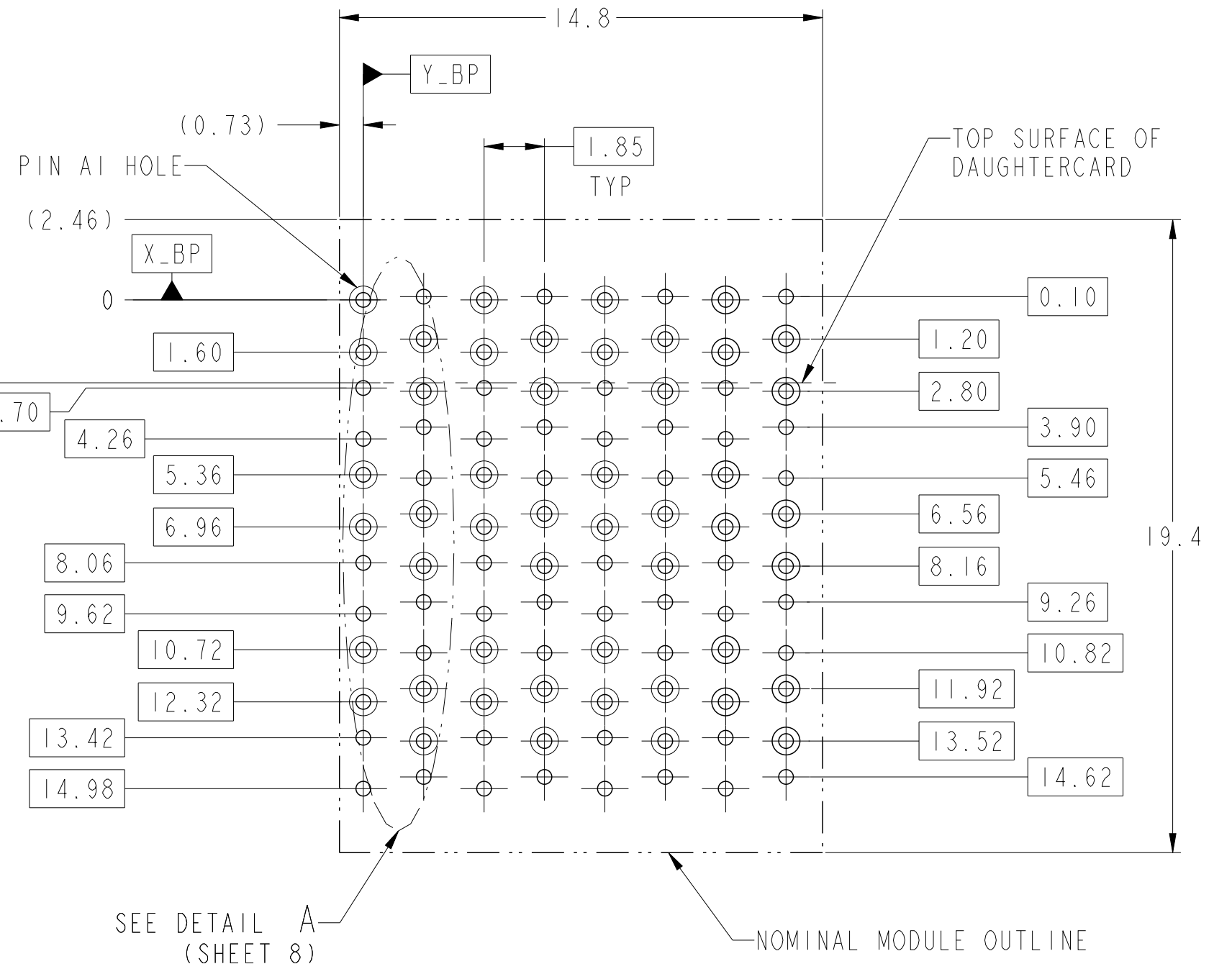


SEE NOTE 8



SEE NOTE 5

2.54
TO TOP SURFACE
OF DAUGHTERCARD

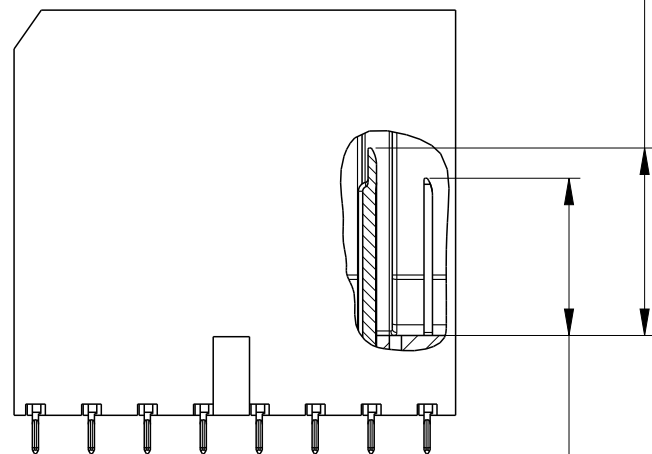


SEE DETAIL A
(SHEET 8)

NOMINAL MODULE OUTLINE

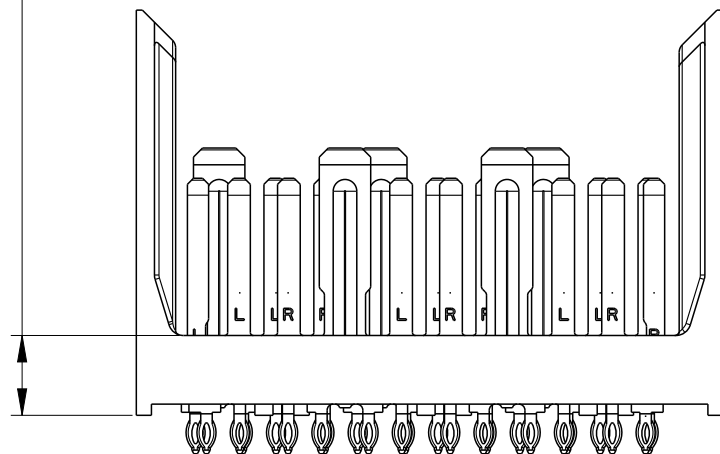
PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1

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



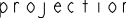
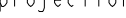
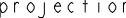
5.2 (3MM SMALL END GROUNDS)
5.2 (3MM WIPE SIGNALS)
4.2 (2MM WIPE SIGNALS)
SEE P/N TREE

2.64±0.10 FROM STANDOFF
SURFACE TO MATING SURFACE



13.40

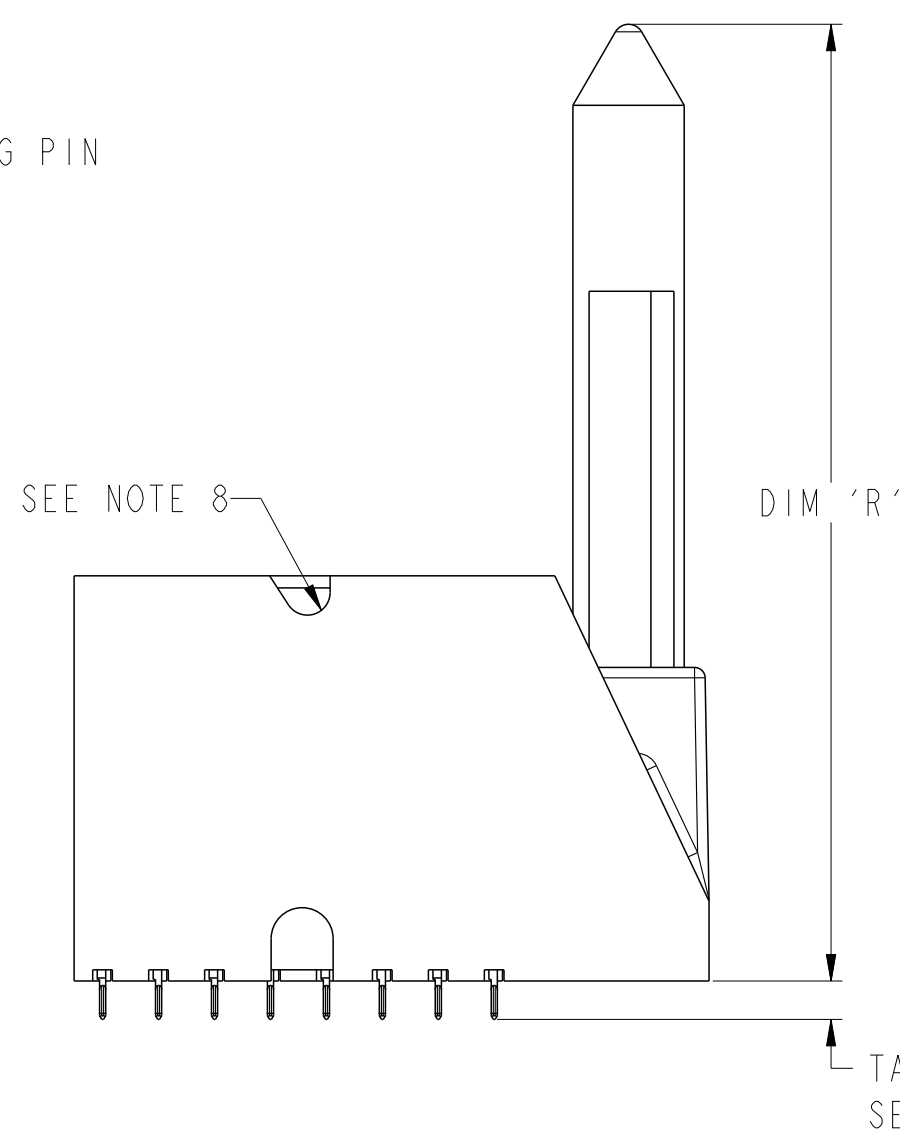
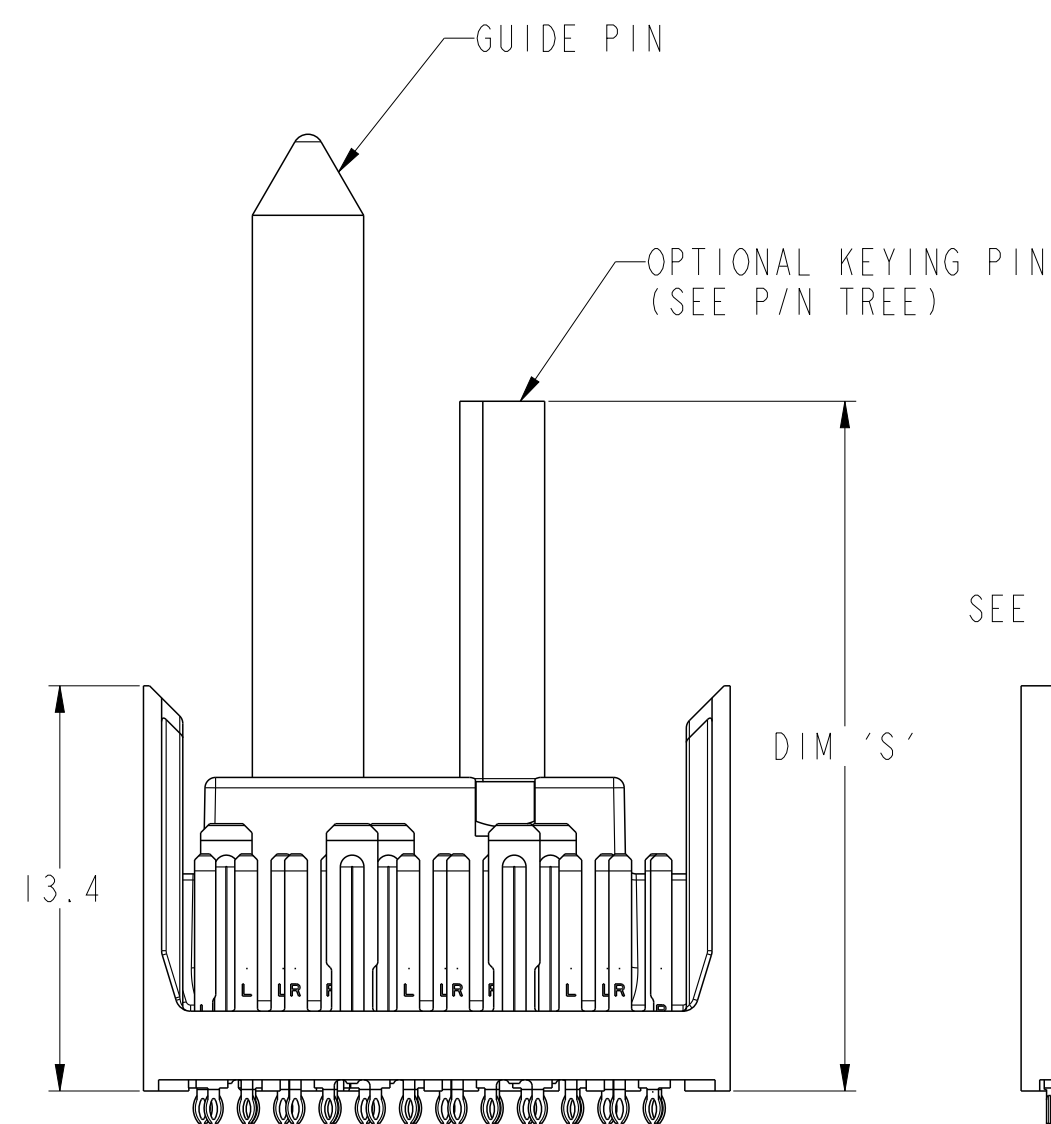
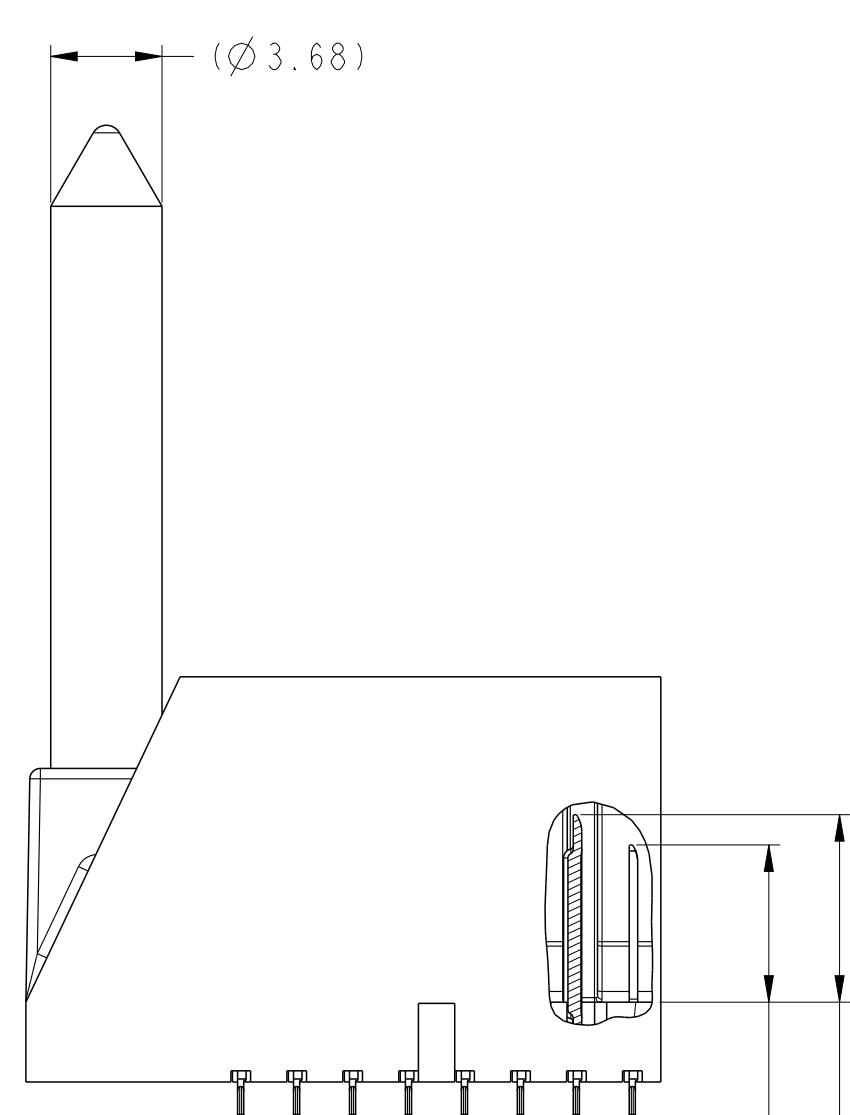
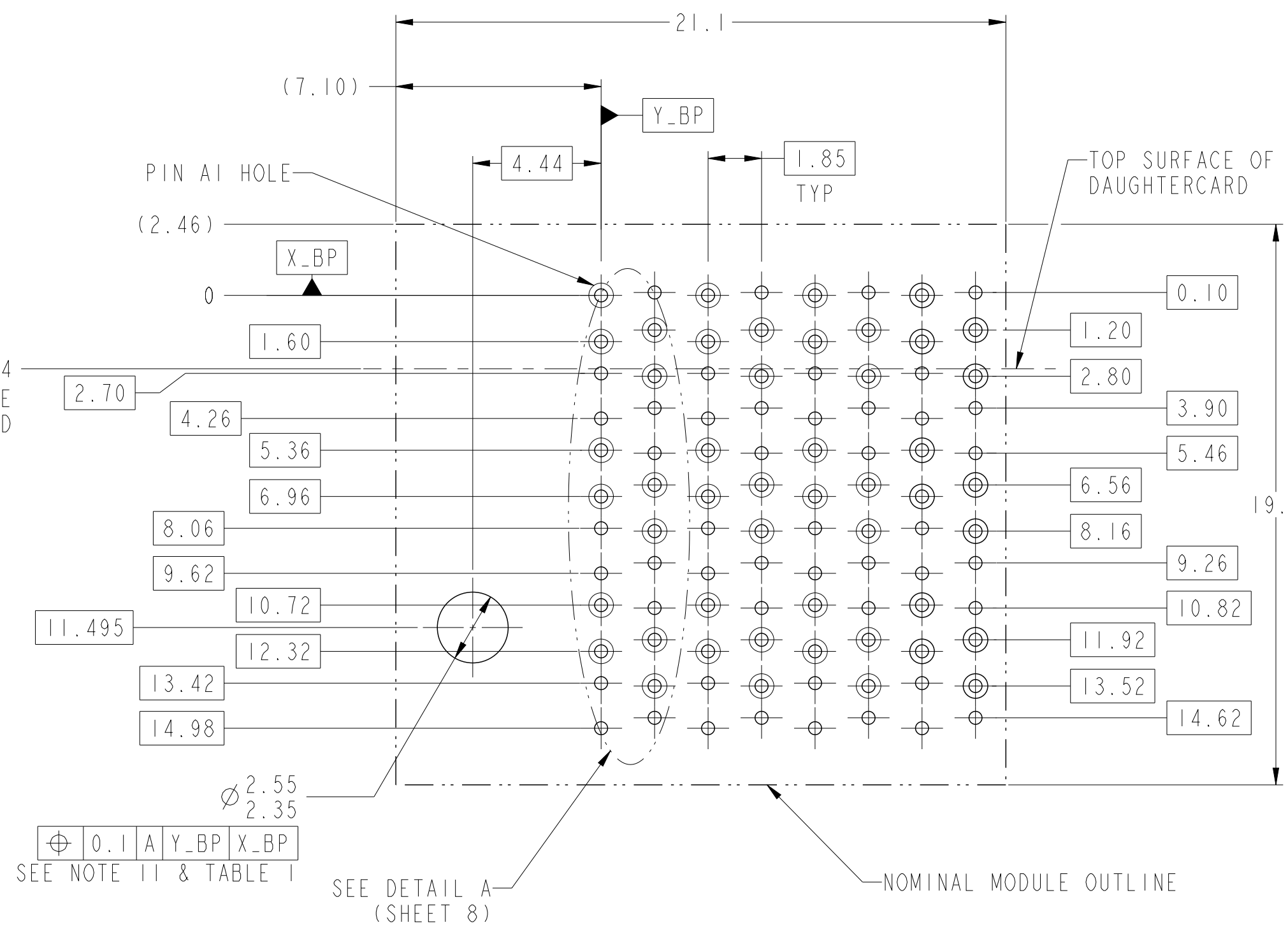
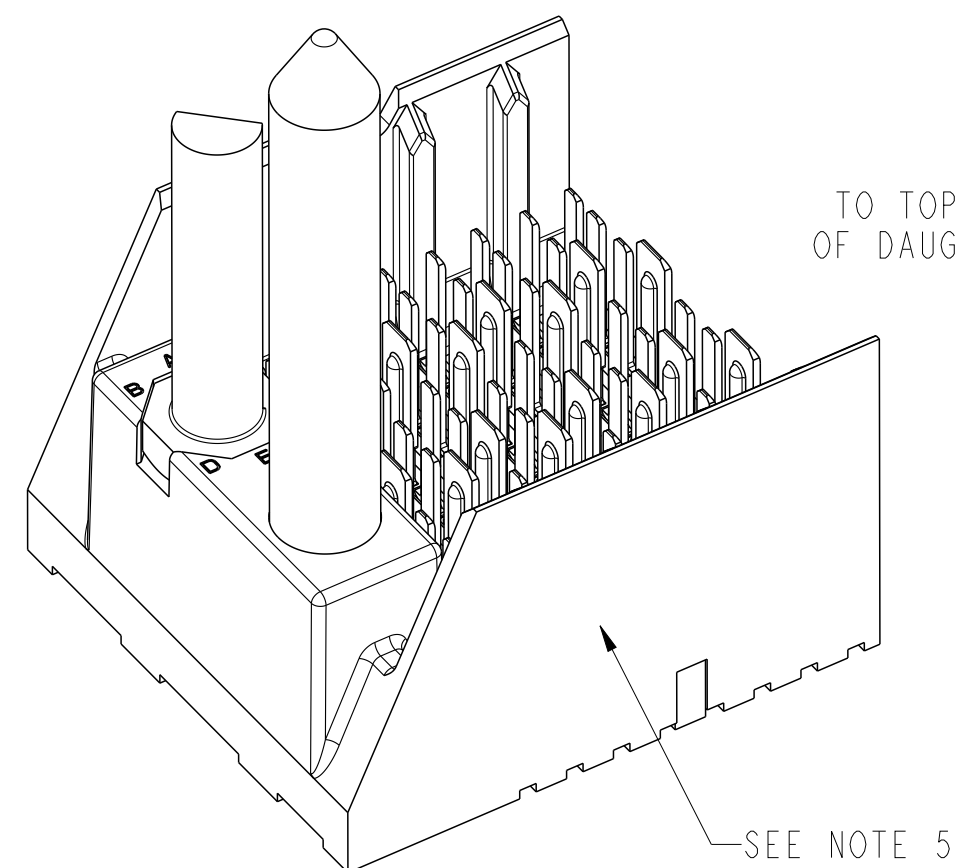
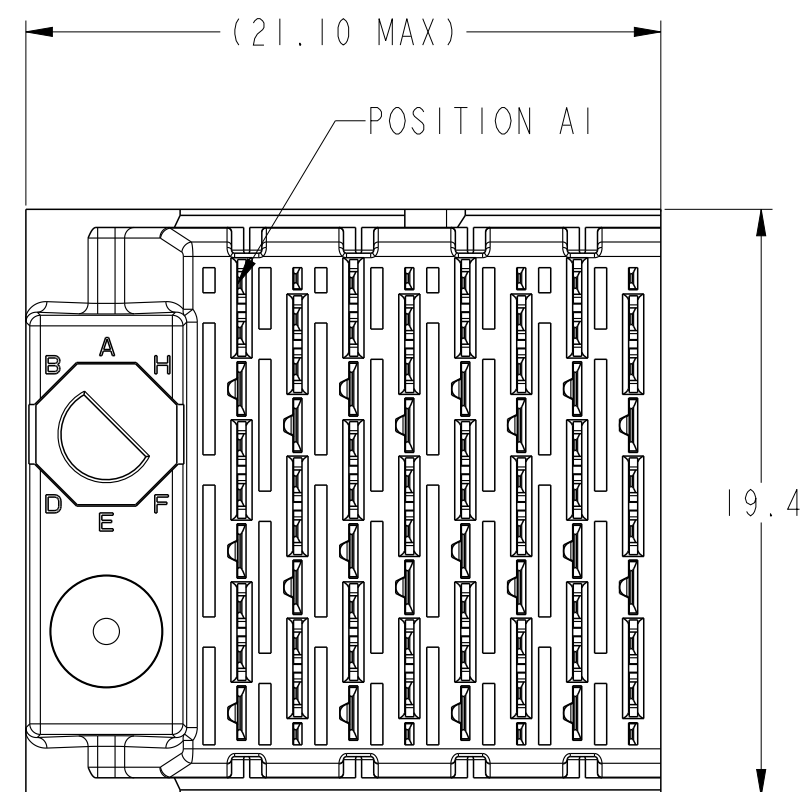
TAIL LENGTH
SEE NOTE 12

spec ref		-		dr		Roger Ng		2011/11/22		projection				MM		size		A2		scale		4:1	
tolerance std		-		eng		Michael Song		2016/06/01				MM				ecn no		ELX-DG-24191-1		Released			
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Heaven Cen		2016/06/08								rel level							
				appr		Pei-Ming Zheng		2016/06/15								product family		XCEDE					
surface		linear		0.X		±0.2		Amphenol FCI		title		MODULE ASSEMBLY		dwg no		10119191		rev		C			
		0.XX		±0.10																			
		0.XXX		±0.050																			
ASME Y14.5		angular		0°		±2°				cat. no.		-		Product - Customer Drw		sheet 2 of 8							



PDS: Rev :C

STATUS:Released

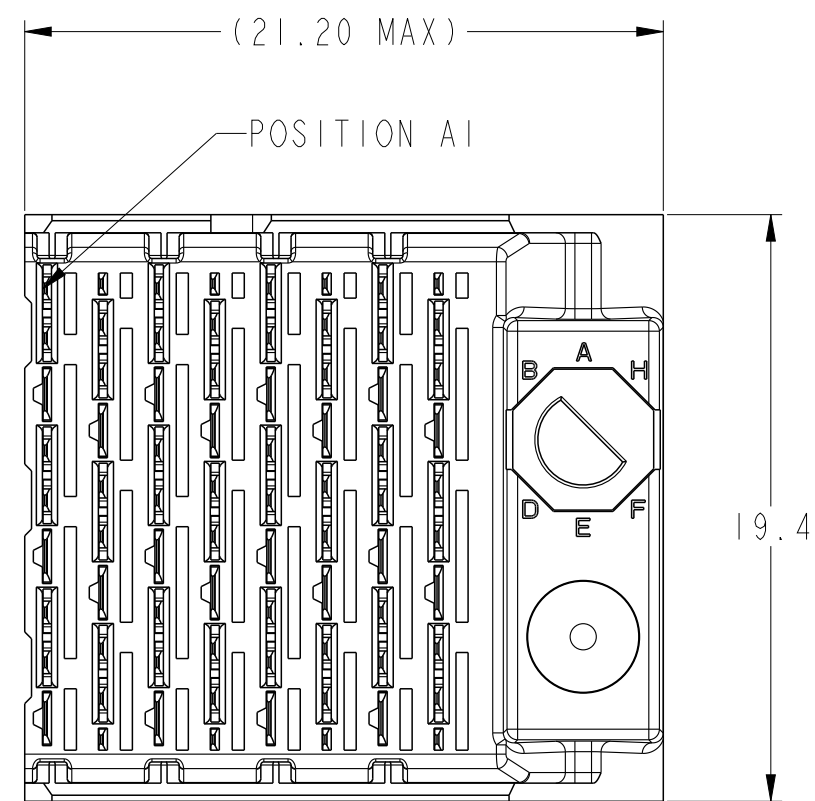
Printed: Jun 15, 2016



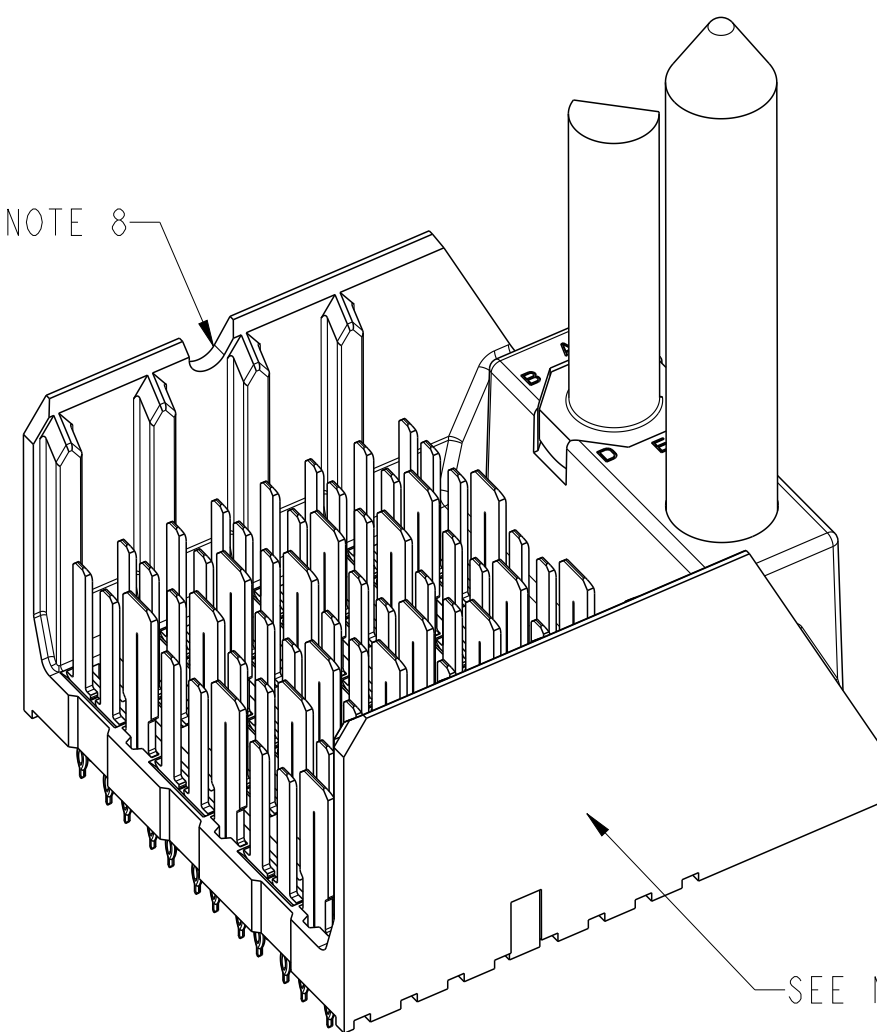
ASSEMBLY BASE CONFIGURATION END DASH NO.	GUIDE PIN	POLARIZING KEY
	DIM 'R'	DIM 'S'
-X0X	31.6mm	22.8mm
-X4X	25.7mm	20.0mm

spec ref		-		dr	Roger Ng	2011/11/22	projection		MM		size	A2	scale	5:1
tolerance std		-		eng	Michael Song	2016/06/01					ecn no	ELX-DG-24191-1		
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/06/08	product family	XCEDE	rel level	Released	rev	C		
appr		Pai-Ming Zheng		2016/06/15										
surface	linear	0.X	±0.2	Amphenol FCI	MODULE ASSEMBLY				dwg no	10119191		sheet 3 of 8		
		0.XX	±0.10		VERTICAL HEADER, 8-COLUMN, 3-PAIR									
		0.XXX	±0.050											
ASME Y14.5	angular	0°	±0.050	cat. no.	-	Product - Customer Drw								

RIGHT POLARIZING/GUIDE MODULE



SEE NOTE 8



2.54
TO TOP SURFACE
OF DAUGHTERCARD

SEE NOTE 5

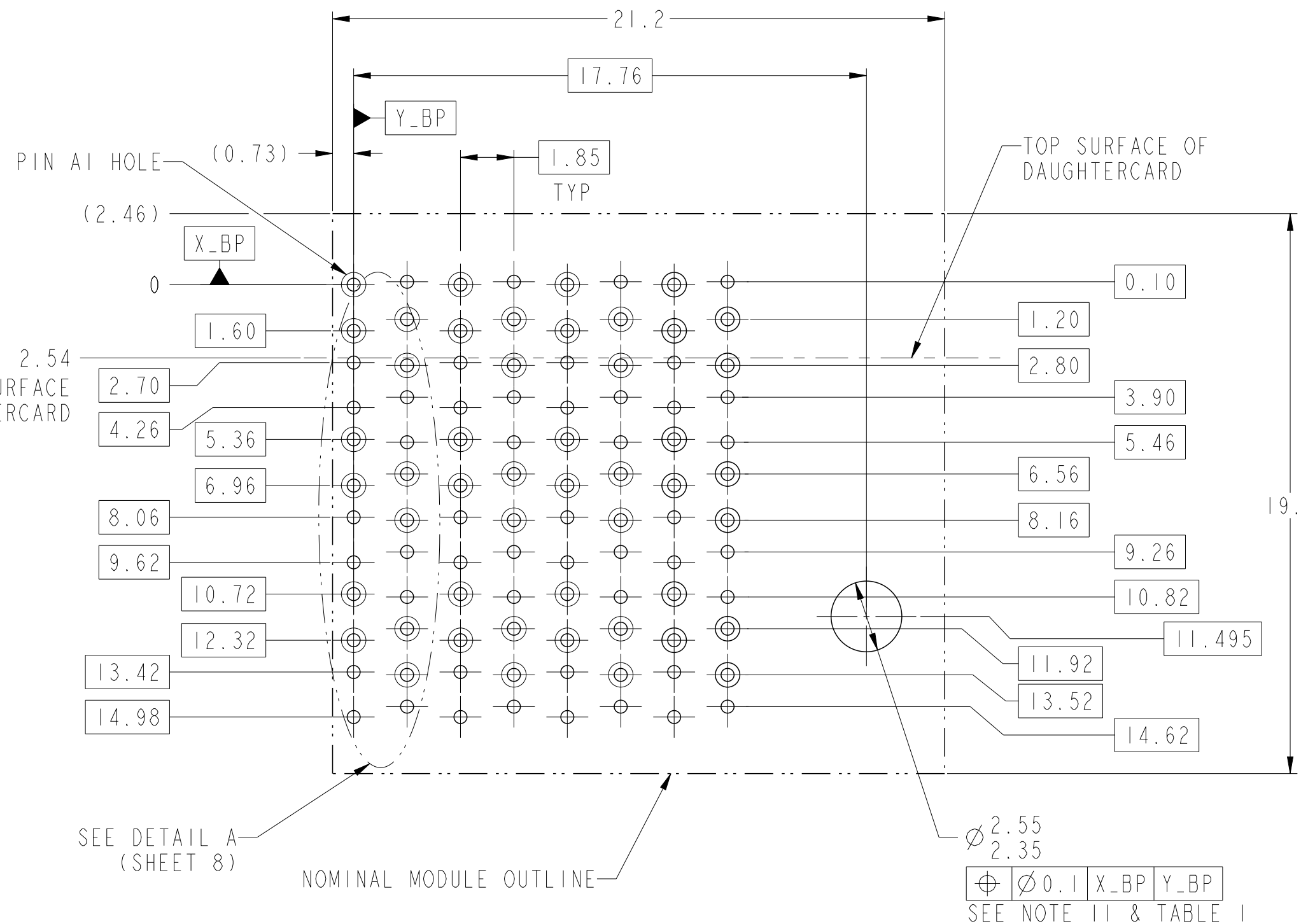
GUIDE PIN

OPTIONAL KEYING PIN
(SEE P/N TREE)

DIM 'S'

DIM 'R'

TAIL LENGTH
SEE NOTE 12



PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1

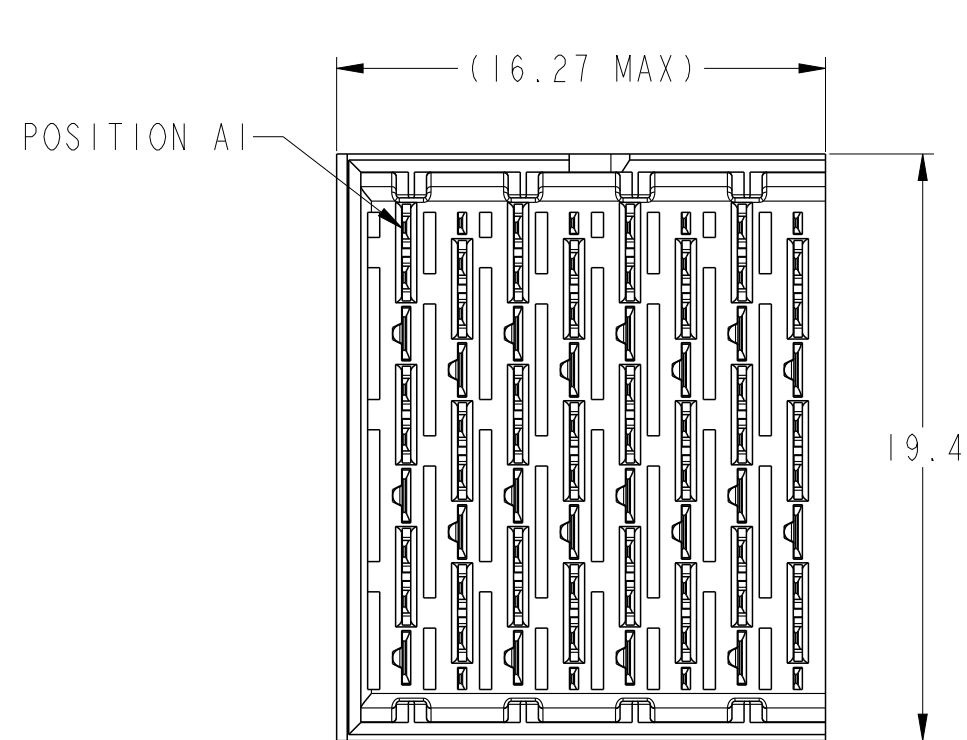
ASSEMBLY BASE CONFIGURATION END DASH NO.	GUIDE PIN	POLARIZING KEY
	DIM 'R'	DIM 'S'
-X0X	31.6mm	22.8mm
-X4X	25.7mm	20.0mm

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

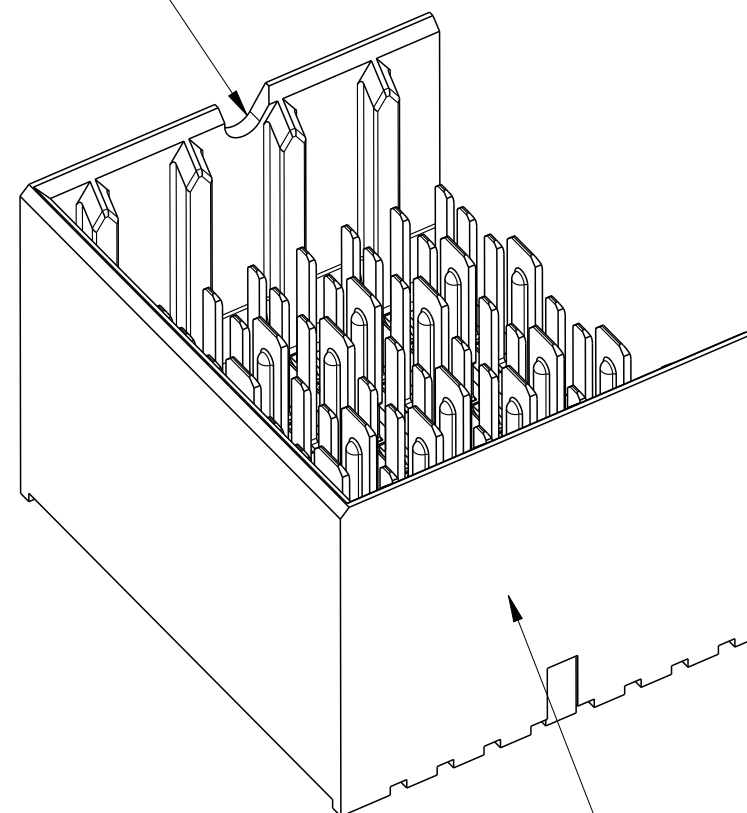
6.2 (4MM WIPE WIDE GROUNDS)
5.2 (3MM WIPE WIDE GROUNDS)

spec ref		-		dr		Roger Ng		2011/11/22		projection		MM		size		scale							
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Michael Song		2016/06/01						A2		4:1							
ASME Y14.5				chr		Heaven Cen		2016/06/08						ecn no		ELX-DG-24191-1							
				appr		Pei-Ming Zheng		2016/06/15						product family		XCEDE		rel level		Released			
surface				linear		0.X		±0.2		Amphenol FCi		title		MODULE ASSEMBLY VERTICAL HEADER, 8-COLUMN, 3-PAIR		dwg no		10119191		rev		C	
				0.XX		±0.10																	
				0.XXX		±0.050																	
ASME Y14.5		angular		0°		±2°				cat. no.		-		Product - Customer Drw		sheet 4 of 8							

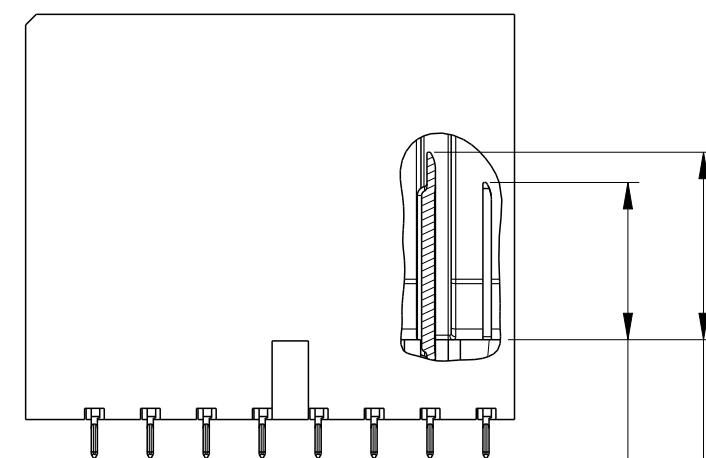
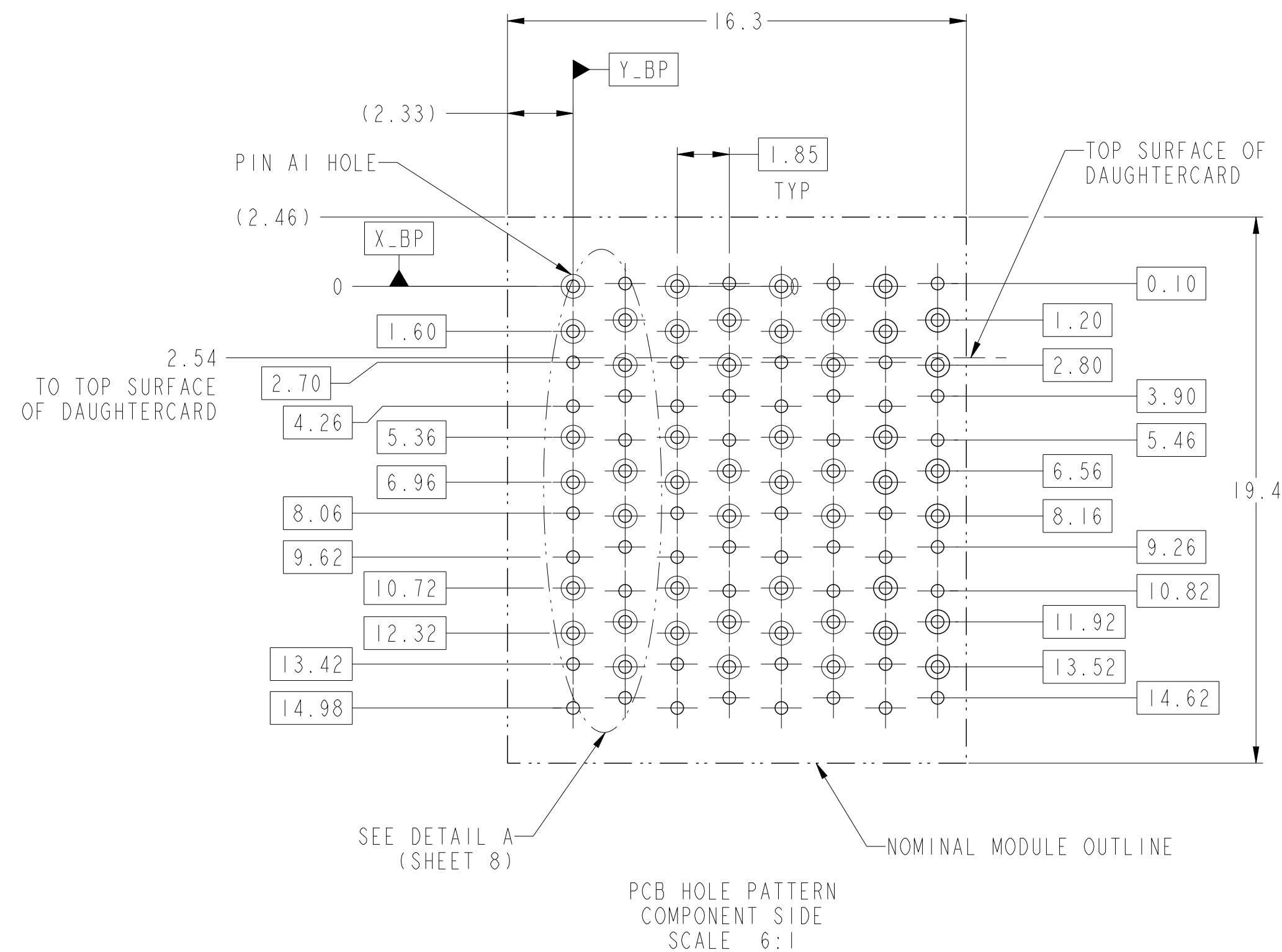
LEFT WALL MODULE



SEE NOTE 8

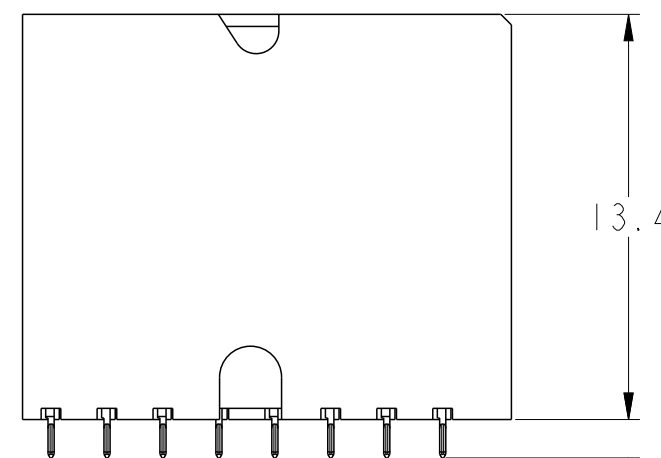
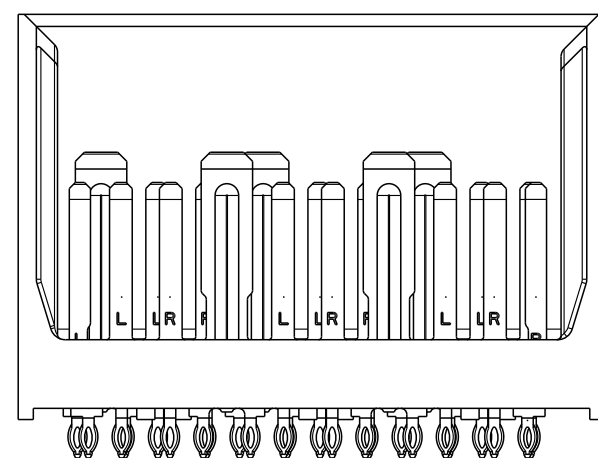


SEE NOTE 5

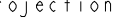
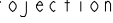





5.2 (3MM SMALL END GROUNDS)
5.2 (3MM WIPE SIGNALS)
4.2 (2MM WIPE SIGNALS)
SEE P/N TREE

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



TAIL LENGTH
SEE NOTE 12

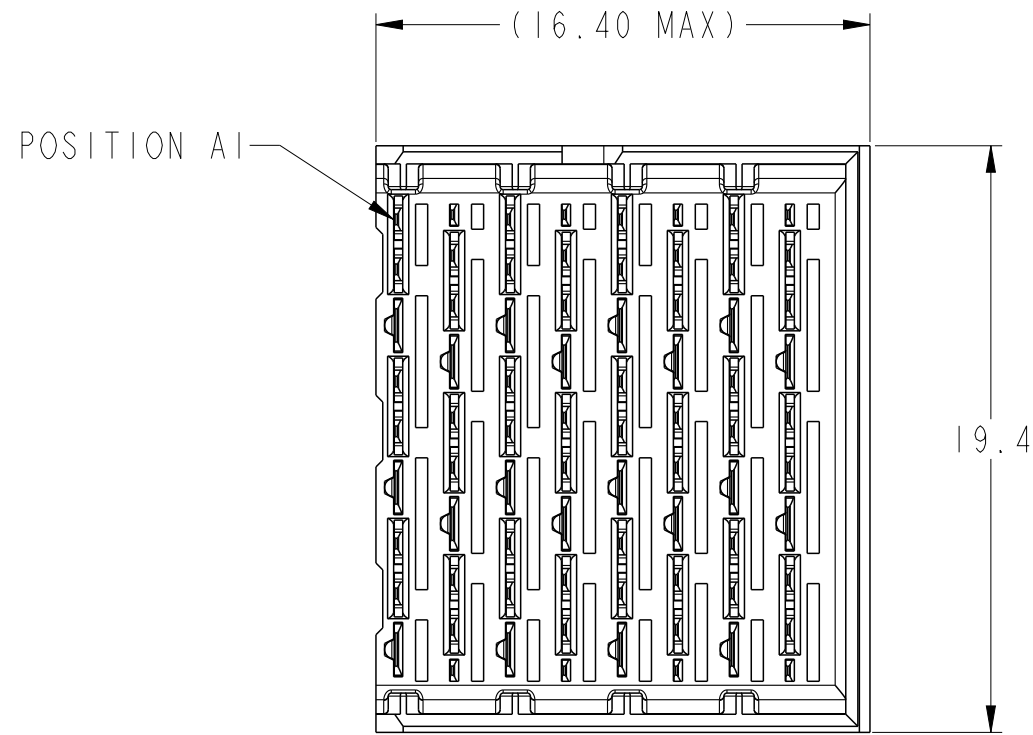
spec ref		-	dr		Roger Ng	2011/11/22	projection			MM	size	A2	scale	4:1				
tolerance std		-	eng		Michael Song	2016/06/01					ecn no		ELX-DG-24191-1					
ASME Y14.5		chr		Heaven Cen	2016/06/08	rel level					Released							
		appr		Pei-Ming Zheng	2016/06/15	product family					XCEDE							
surface			linear	0.X	±0.2			title		MODULE ASSEMBLY		dwg no		10119191		rev		C
			0.XXX	±0.10														
ASME Y14.5	angular	0°	±0.050	VERTICAL HEADER, 8-COLUMN, 3-PAIR														
							cat. no.		-	Product - Customer Drw		sheet 5 of 8						

PDS: Rev :C

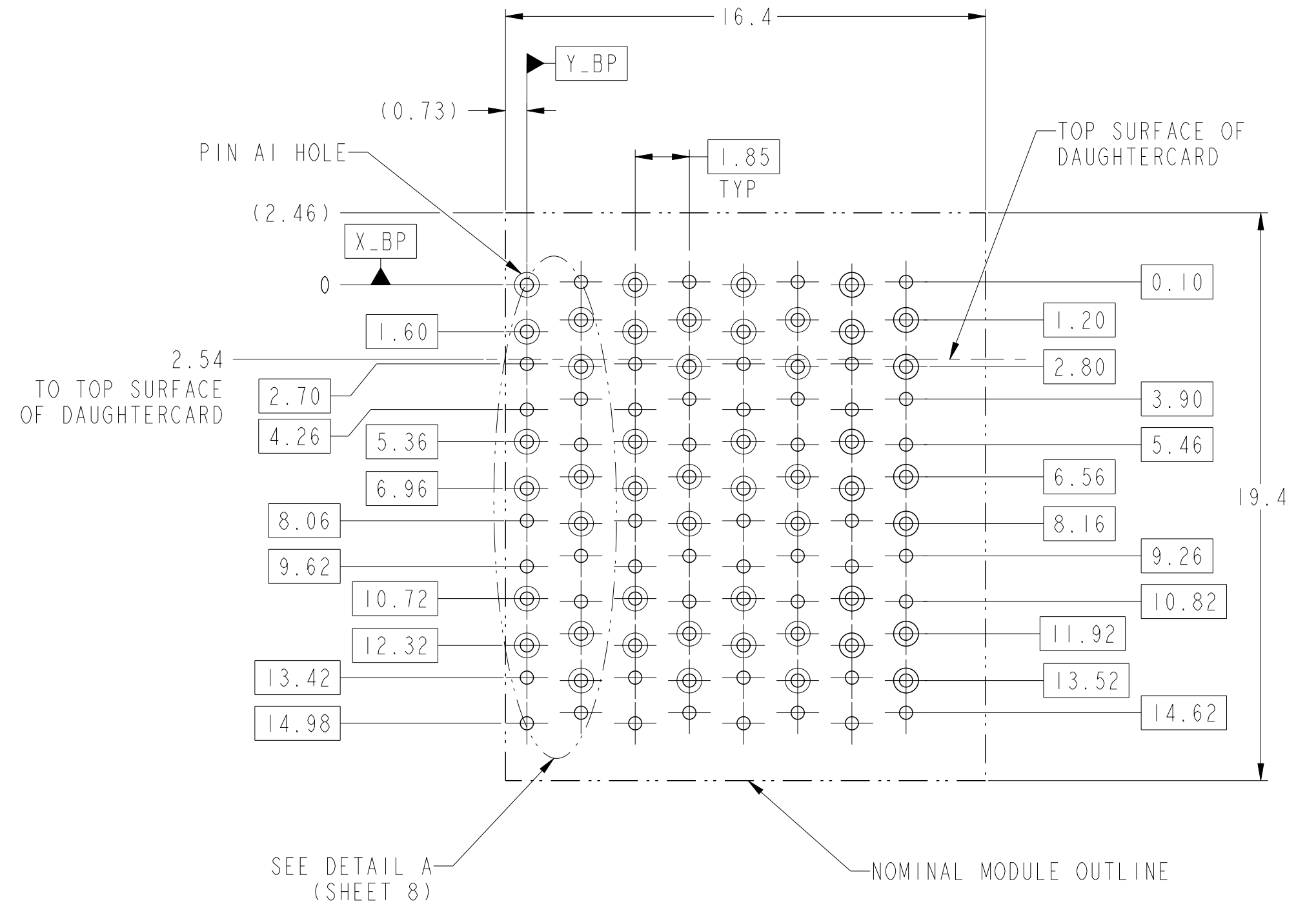
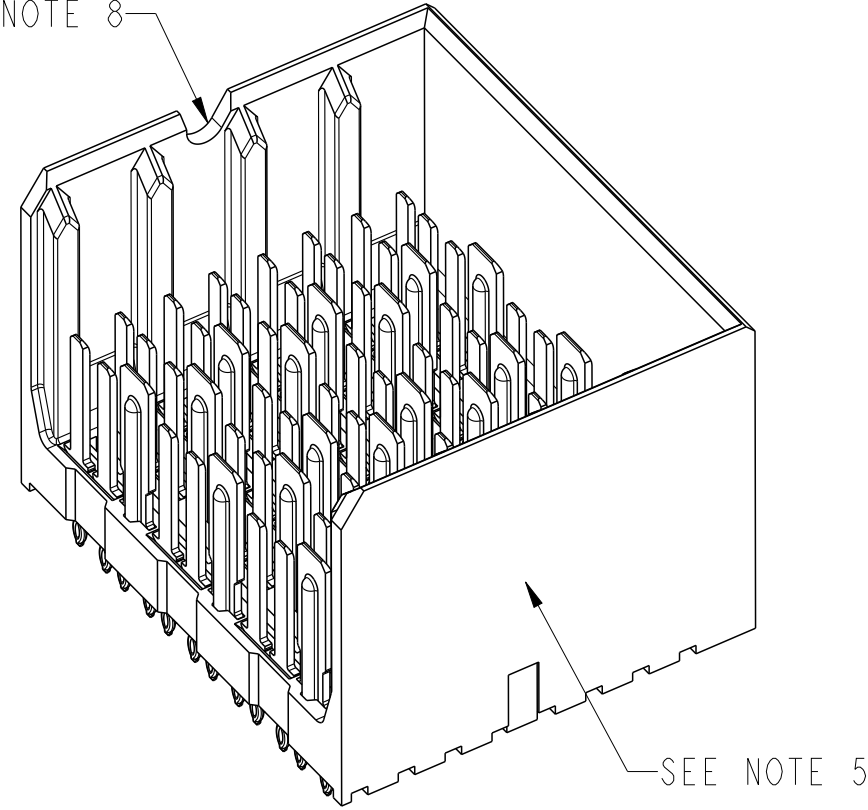
STATUS:Released

Printed: Jun 15, 2016

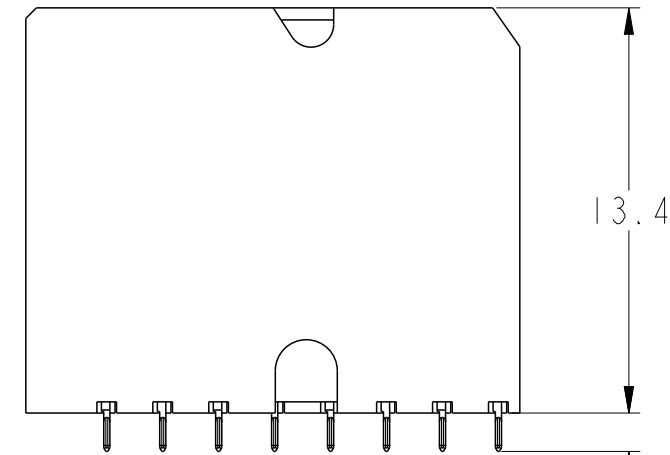
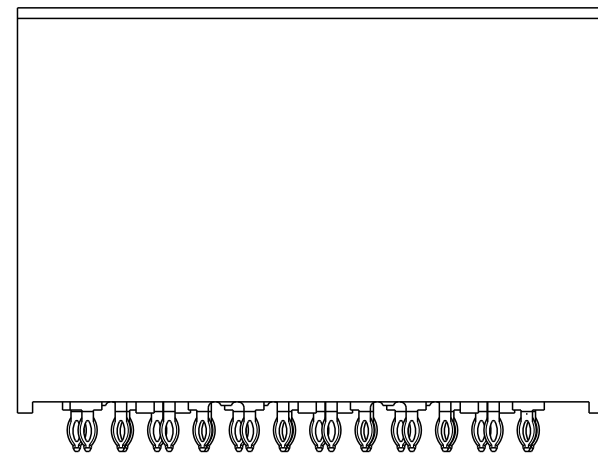
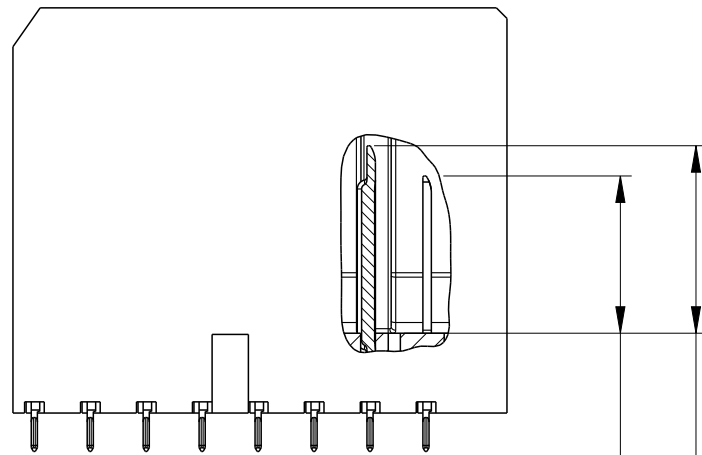
RIGHT WALL MODULE



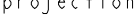
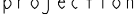
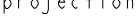
SEE NOTE 8



PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1



TAIL LENGTH
SEE NOTE 12

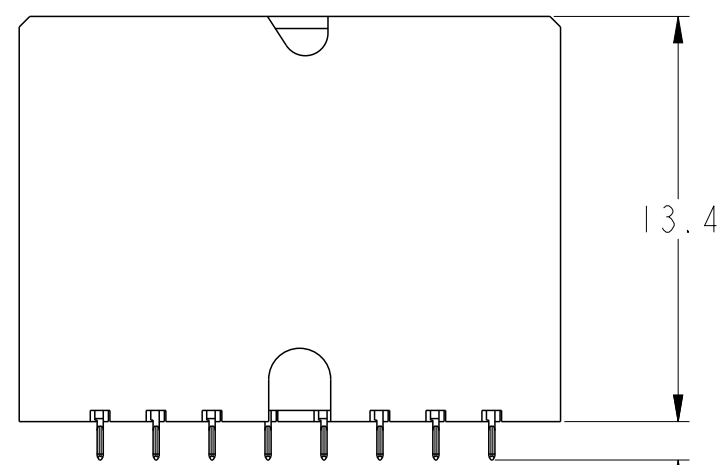
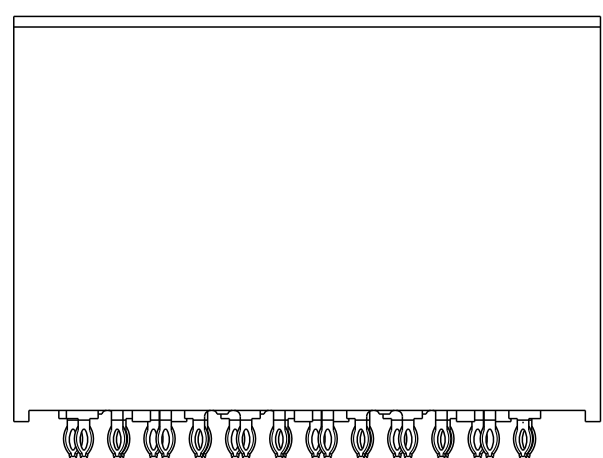
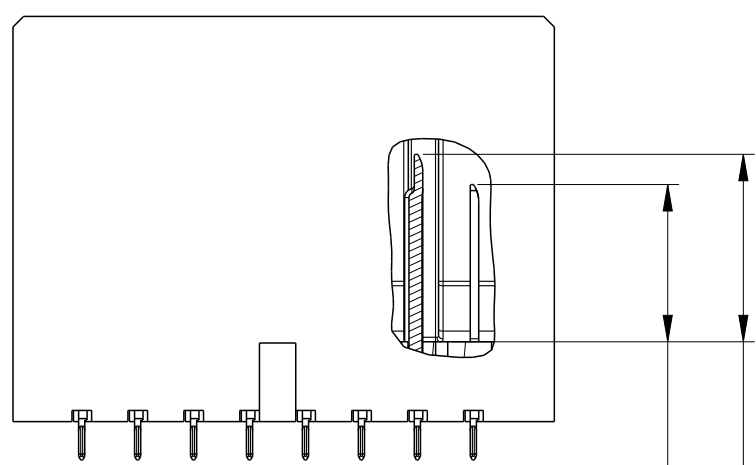
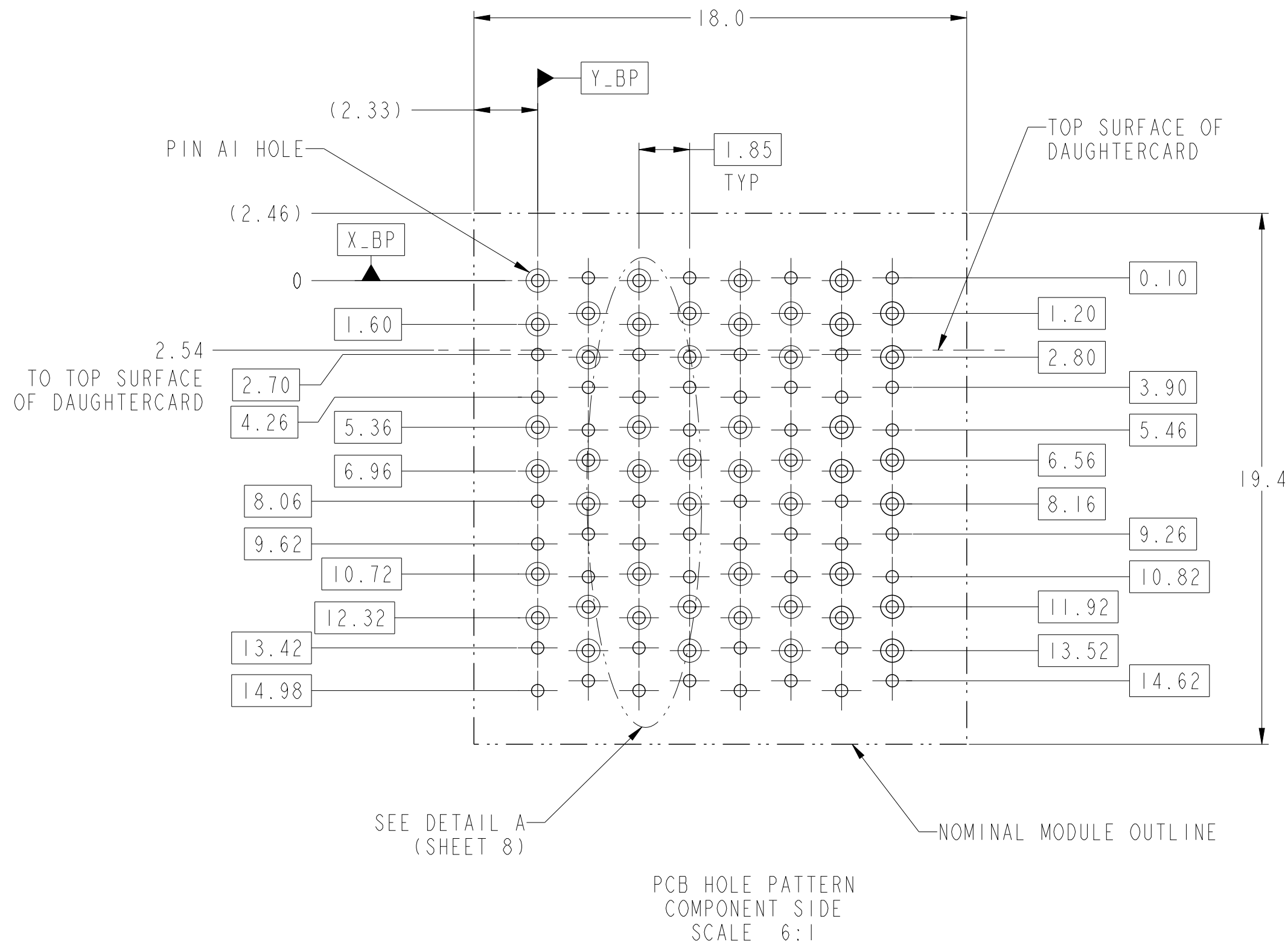
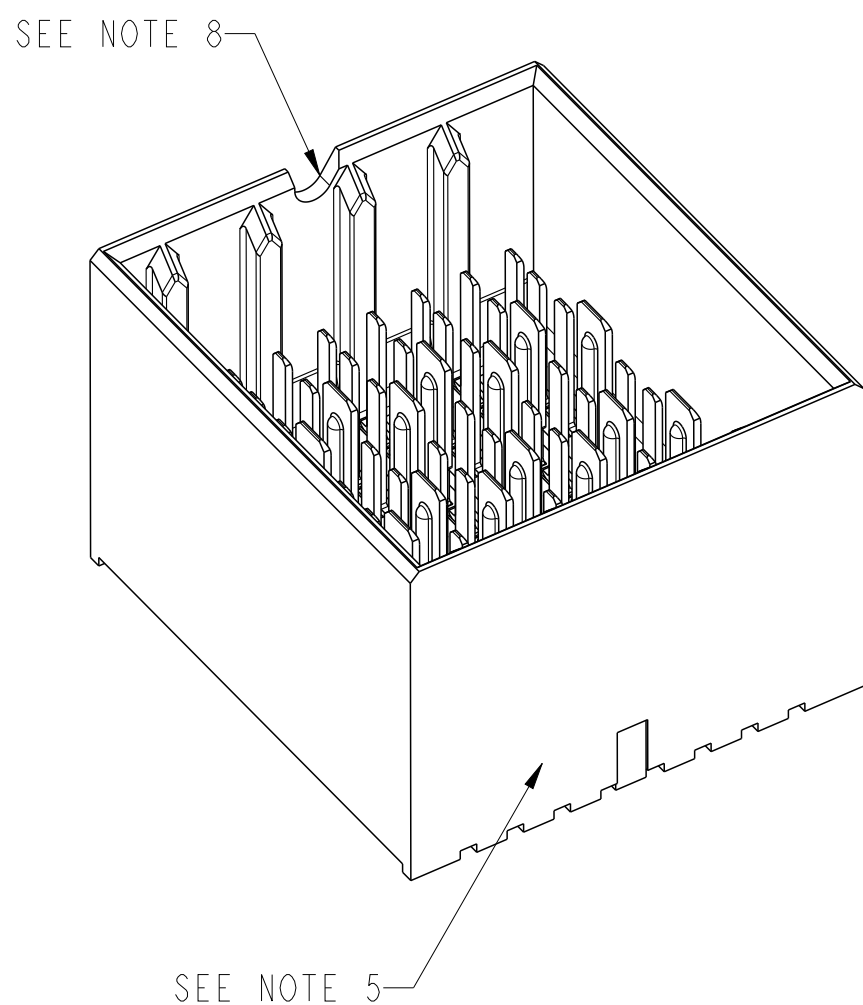
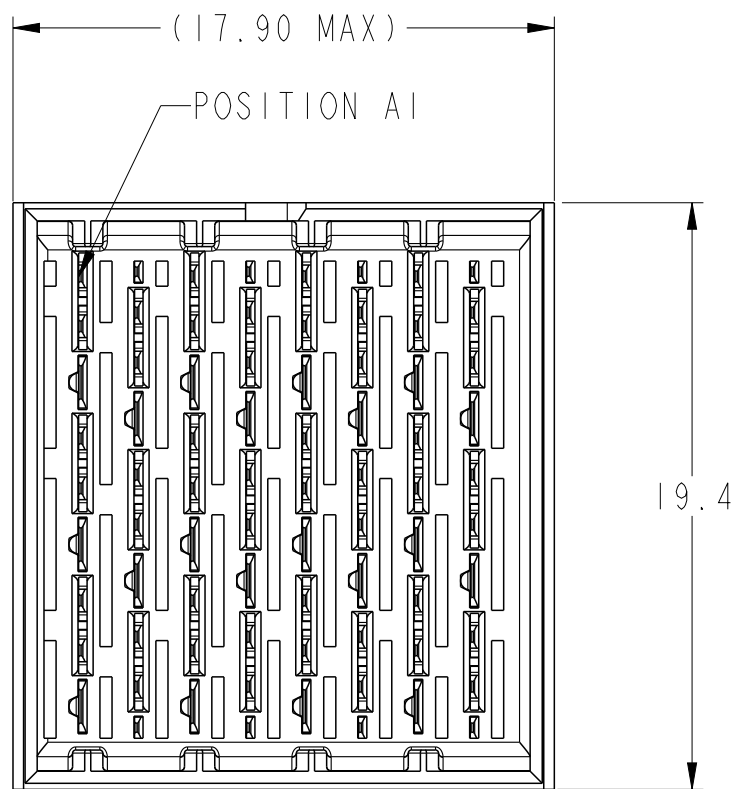
spec ref		-	dr		Roger Ng	2011/11/22	projection				MM		size		A2	scale		4:1
tolerance std		-	eng		Michael Song	2016/06/01					MM		ecn no		ELX-DG-24191-1			
ASME Y14.5		chr		Heaven Cen	2016/06/08	rel level							Released					
		appr		Pei-Ming Zheng	2016/06/15	product family							XCEDE					
surface		linear	0.X	±0.2	Amphenol FCI		title		MODULE ASSEMBLY		dwg no		10119191		rev		C	
		0.XX	±0.10															
ASME Y14.5		0.XXX	±0.050															
		angular	0°	±2°			cat. no.		-	Product - Customer Drw		sheet 6 of 8						

PDS: Rev :C

STATUS:Released

Printed: Jun 15, 2016

FOUR WALL MODULE



TAIL LENGTH
SEE NOTE 12

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)

spec ref		-		dr		Roger Ng		2011/11/22		projection		MM		size		A2		scale		4:1	
tolerance std		-		eng		Michael Song		2016/06/01						ecn no		ELX-DG-24191-1					
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Heaven Cen		2016/06/08						rel level		Released					
				appr		Pei-Ming Zheng		2016/06/15						product family		XCEDE					
surface		linear		0.X		±0.2		Amphenol FCI		title		MODULE ASSEMBLY		dwg no		10119191		rev		C	
		0.XX		±0.10																	
		0.XXX		±0.050																	
ASME Y14.5		angular		0°		±2°						VERTICAL HEADER, 8-COLUMN, 3-PAIR									
												cat. no.		-		Product - Customer Drw				sheet 7 of 8	

PDS: Rev :C

STATUS:Released

Printed: Jun 15, 2016

NOTES:

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

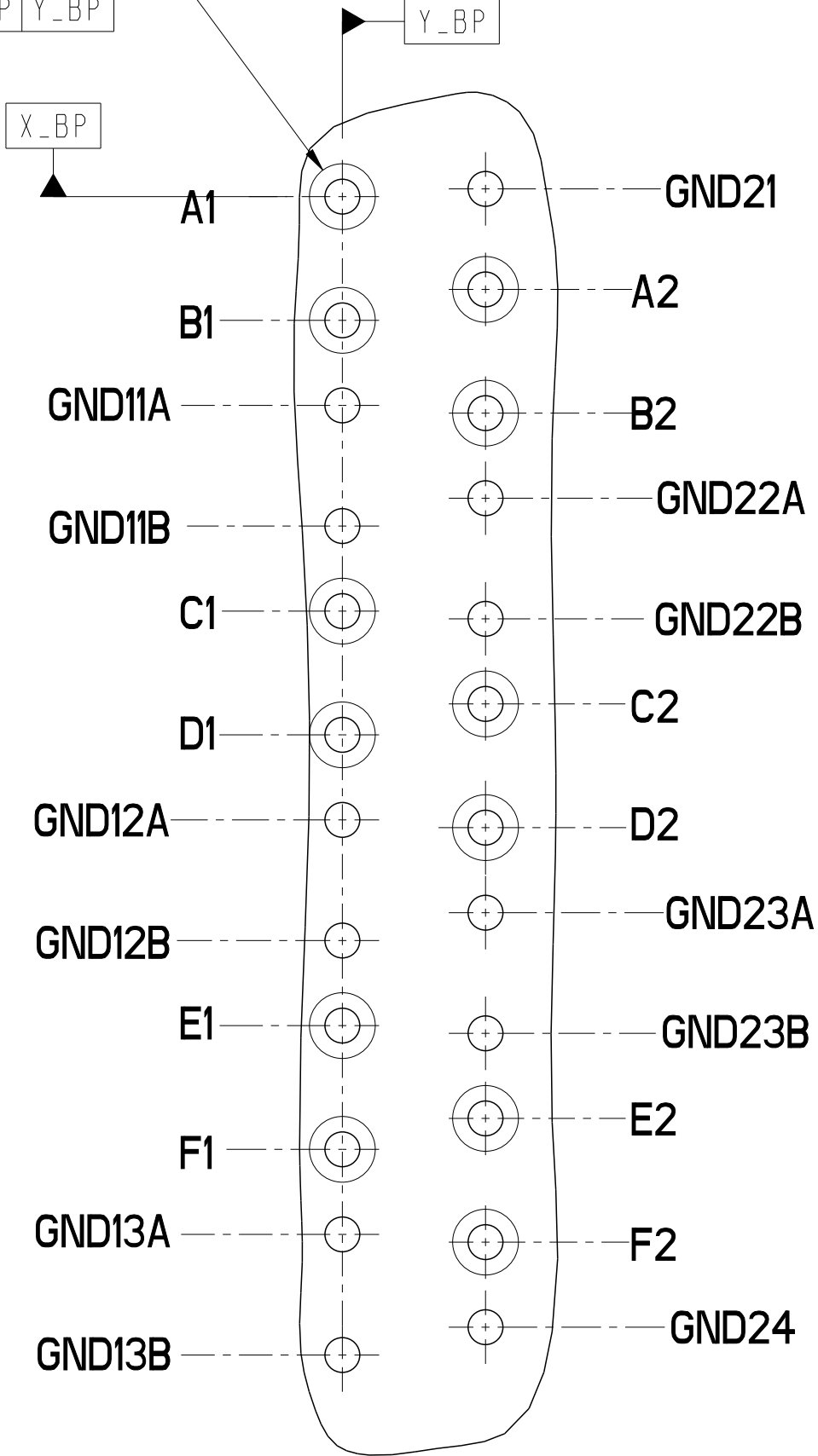
PRESS-FIT TAILS: TIN OVER NICKEL (LF), OR TIN-LEAD ALLOY OVER NICKEL (NON-LF). SEE P/N TREE.
- PRODUCT SPECIFICATION: GS-12-588
- APPLCATION SPECIFICATION: GS-20-121
- PRODUCT MARKING (PART NUMBER AND LOT CODE) ON THESE SURFACES.
- HOUSING MUST WITHSAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR-PHASE REFLOW OVEN.
- PACKAGING MEETS GS-14-920 LEAD-FREE LABELING SPECIFICATION.
- NOTCH INDICATES "ROW A" SIDE OF CONNECTOR.
- SEE APPLICATION SPECIFICATION FOR ROUTING GUIDELINES, ADDITIONAL PTH GUIDELINES, MATED DIMENSIONS, GUIDE PN SELECTION, ETC.
- SCREW IS OPTIONAL AND ENGAGES WITH BOTTOM OF GUIDE-PIN FROM BENEATH THE PCB FOR ADDITIONAL GUIDE-PIN SUPPORT.
- OPTINAL HOLE LOCATION FOR GROUNDED PIN OR ADDITIONAL GUIDE-PIN SUPPORT. SEE TABLE 1 ON SHEET 1 FOR ADDITIONAL DETAILS.
- TAIL LENGTH=1.3mm FOR $\varnothing 0.55[0.0217"]$ COMPLIANT PIN DRILL
TAIL LENGTH=1.5mm FOR $\varnothing 0.45[0.0177"]$ COMPLIANT PIN DRILL

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

COMPLIANT PIN DRILL	PTH	PAD
$\varnothing 0.55 [0.0217"]$	$\varnothing 0.45\pm 0.05$	$\varnothing 0.85$
$\varnothing 0.45 [0.0177"]$	$\varnothing 0.36\pm 0.05$	$\varnothing 0.75$

REFER TO TABLE 3
FOR PTH, DRILL & PAD SIZES

\varnothing	$\varnothing 0.10$	X_BP	Y_BP
---------------	--------------------	------	------



DETAIL A
SCALE 12:1

spec ref -				dr Roger Ng		2011/11/22		projection		MM		size A2		scale 3:1							
tolerance std -				eng Michael Song		2016/06/01						ecn no		ELX-DG-24191-1							
TOLERANCES UNLESS OTHERWISE SPECIFIED				chr Heaven Cen		2016/06/08						rel level		Released							
				appr Pei-Ming Zheng		2016/06/15						product family		-							
ASME Y14.5				Amphenol FCI		title		MODULE ASSEMBLY VERTICAL HEADER, 8-COLUMN, 3-PAIR						dwg no 10119191		rev C					
surface -				linear		0.X		±0.2		ASME Y14.5						angular		0°		±2°	
0.XX		±0.10																			
0.XXX		±0.050																			
ASME Y14.5						cat. no.		-		Product - Customer Drw						sheet 8 of 8					