





10113947 - X0C - X0XL F											
						6-COLUMN DIFFERENTIAL SIGNAL			LEAD-FREE DESIGNATION ONLY WITH APPLICABLE PLATING CODES		
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)	1										

LETTER	PLATING (SEE NOTE 2)	
	APPLICATION	TYPE (REFERENCE)
B	TELCORDIA CO	0.76um GOLD or GXT
C	TELCORDIA UE	1.27um GOLD
D	TELCORDIA CO	0.76um GOLD or GXT, LEAD-FREE
E	TELCORDIA UE	1.27um GOLD, LEAD-FREE

NUMBER	CONTACT MATING WIPE LENGTH		COMPLIANT PIN DRILL SIZE
	SIGNAL	WIDE 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"]

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

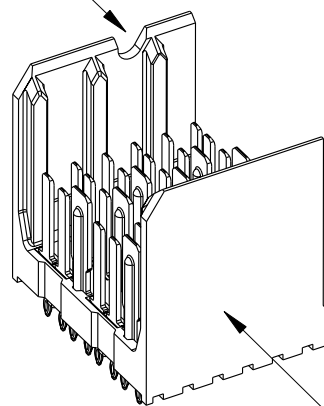
TABLE 2: OPTIONAL SCREW TYPE (SEE NOTE 10)		
SCREW P/N	DESCRIPTION	BOARD THICKNESS
10104997-002LF	#2-56 X .375" PHILLIPS PANHEAD W/SQ CONICAL WASHER	1.60 - 5.00
10104997-003LF	#2-56 X .500" PHILLIPS PANHEAD W/SQ CONICAL WASHER	5.00 - 10.00

www.fciconnect.com			surface -  ASME Y14.5		tolerance std ASME Y14.5				 MM			
TOLERANCES UNLESS OTHERWISE SPECIFIED												
Dr	KH LEE	2010-06-15	ANGULAR	LINEAR	0.X	±0.2	size A2	Scale 1:1				
Eng	KH LEE	2010-06-15			0.XX	±0.10						
Chr	KH LEE	2010-06-15			0.XXX	±0.050						
Appr	-	-	0°	±°	ECN	-						
Product family			XCede			Spec ref		SEE NOTES				
			title				MODULE ASSEMBLY				Rev.	
			VERTICAL HEADER, 6-COLUMN, 2-PAIR				10113947				I	
			catalog no				SEE P/N TREE				CUSTOMER	

rev	ecn no	dr	date
1	NEW	KHL	2010-06-15
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

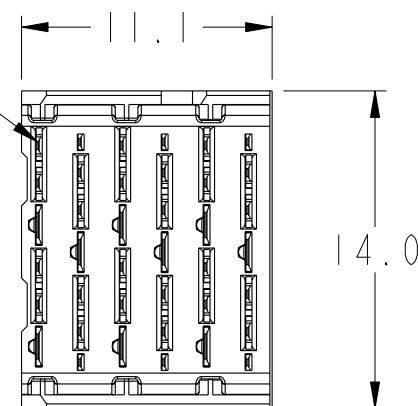
OPEN (2-WALL) MODULE

SEE NOTE 8



SEE NOTE 5

POSN A1

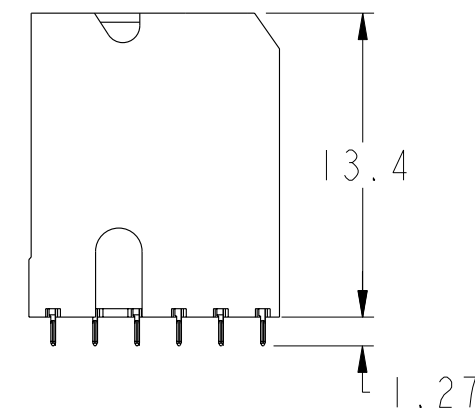
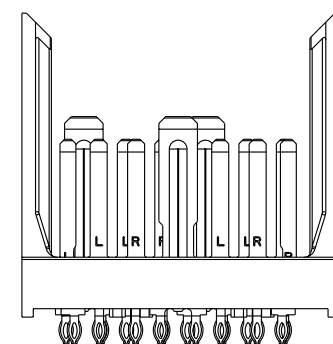
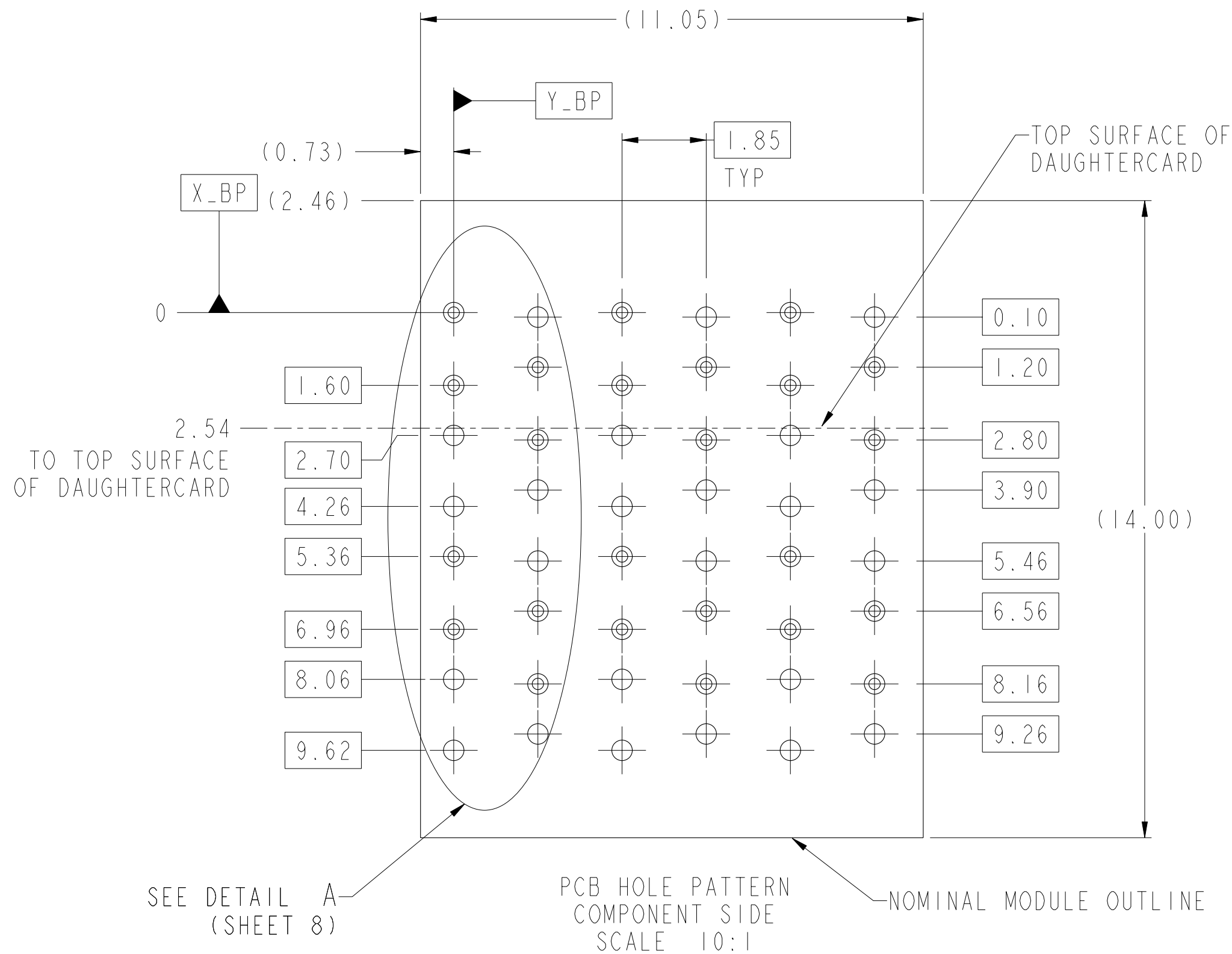
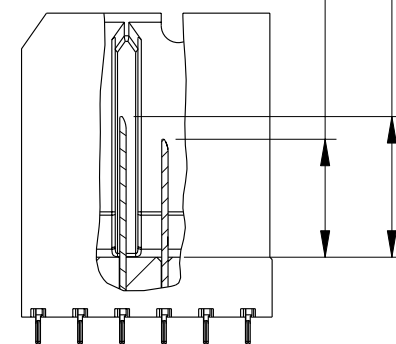


SCALE 3:1

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

5.2 (THIN END GROUNDS)
5.2 (3mm WIPE SIGNALS)
4.2 (2mm WIPE SIGNALS)

(SEE P/N TREE FOR
ALL COMBINATIONS AVAILABLE)



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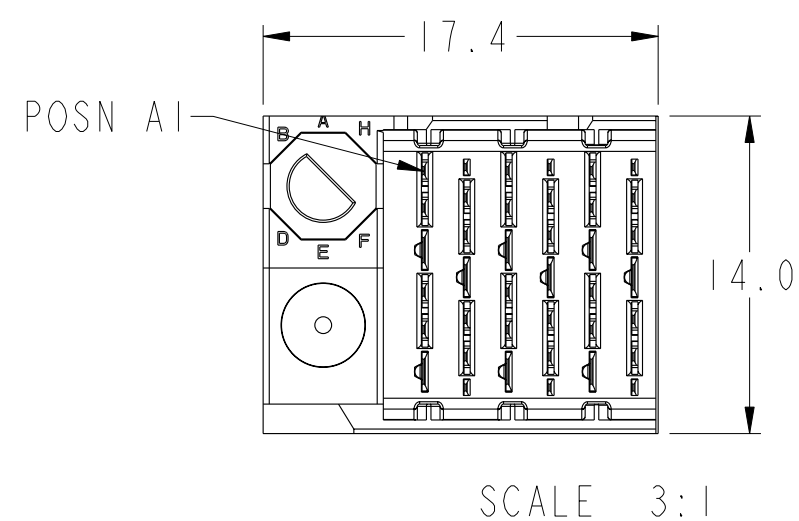
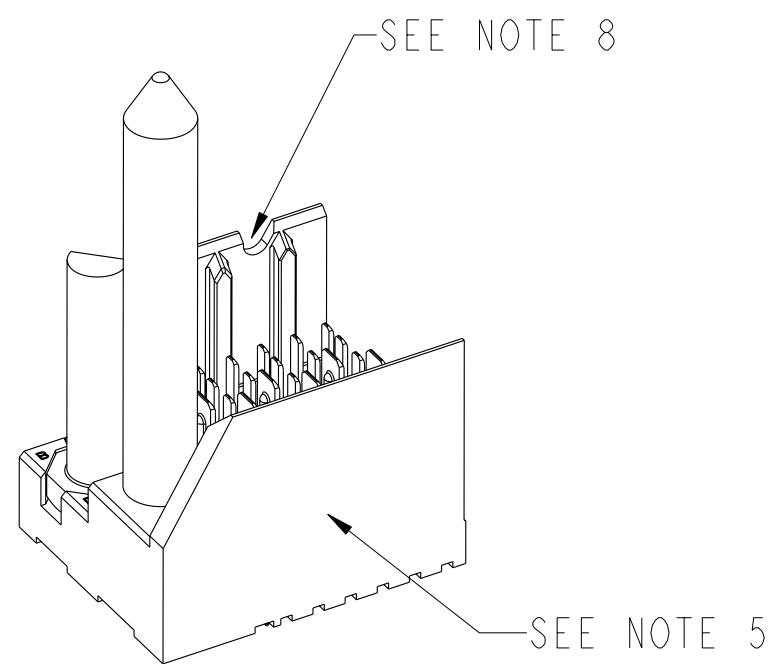


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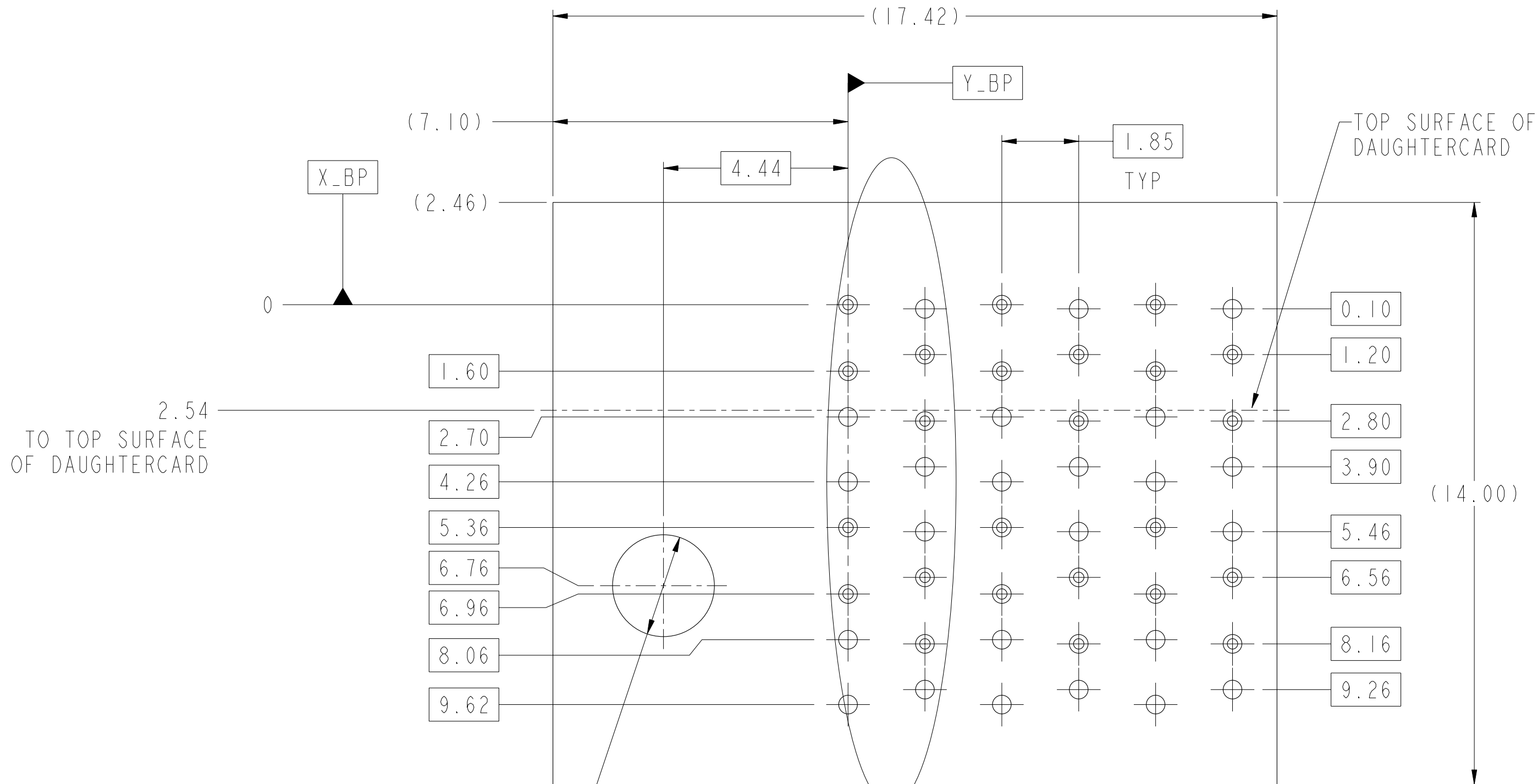
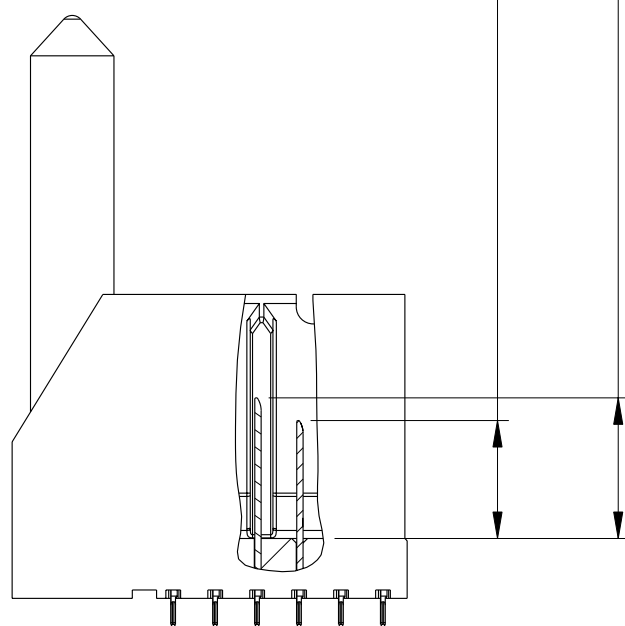
LEFT POLARIZING/GUIDE MODULE



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

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5.2 (3mm WIPE SIGNALS)
4.2 (2mm WIPE SIGNALS)

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ALL COMBINATIONS AVAILABLE)

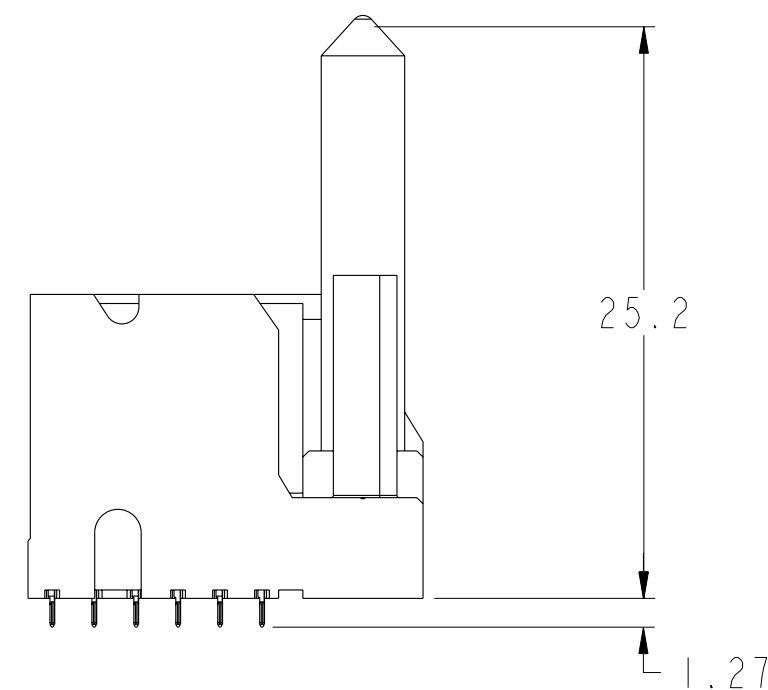
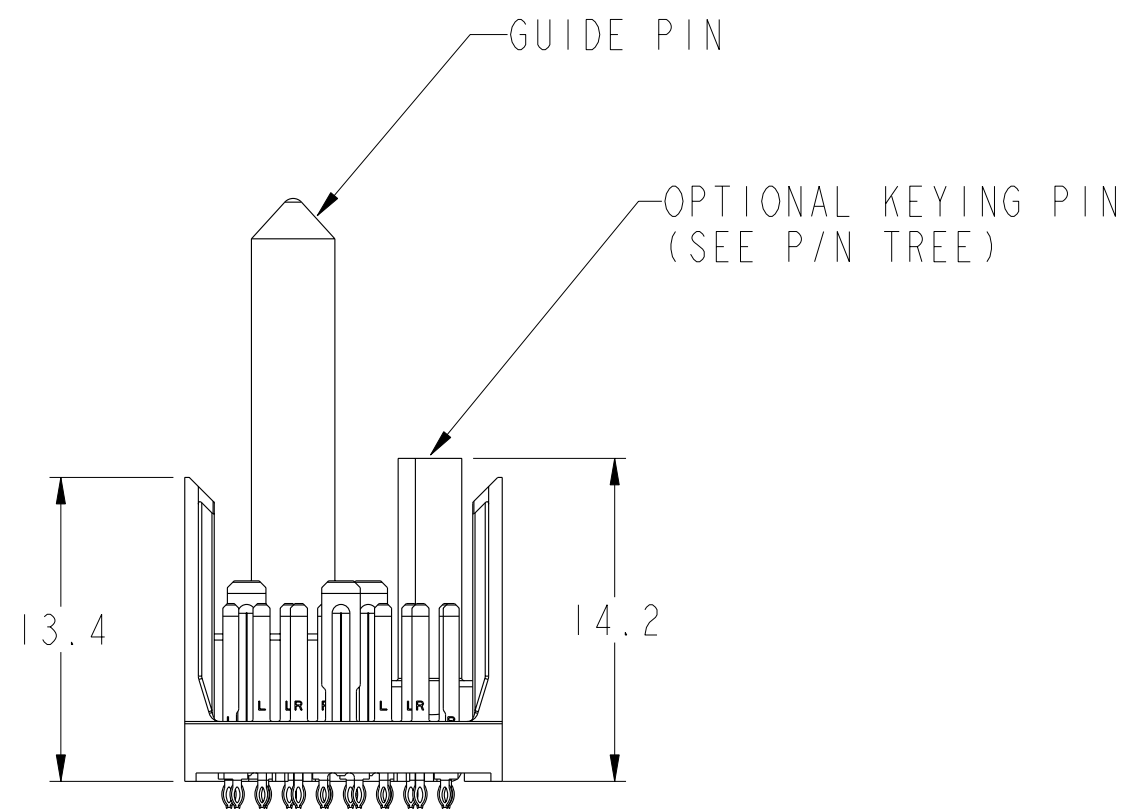



Ø	0.1	A	Y_BP	X_BP
SEE NOTE 11 & TABLE 1				

SEE DETAIL A
(SHEET 8)

PCB HOLE PATTERN
COMPONENT SIDE
SCALE 10:1

NOMINAL MODULE OUTLINE

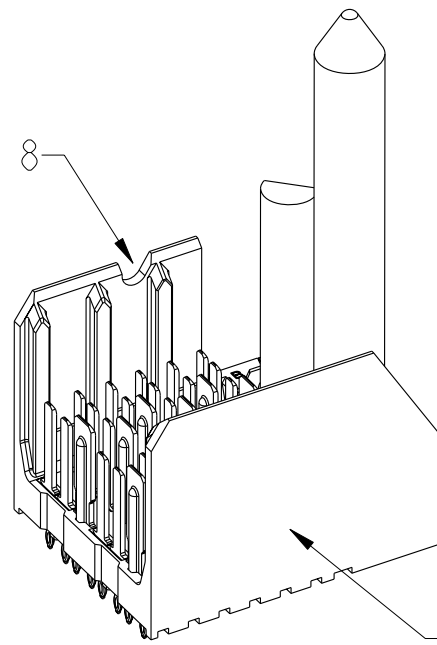


	title		dwg no		Rev
	MODULE ASSEMBLY		10113947		
	VERTICAL HEADER, 6-COLUMN, 2-PAIR				I
	catalog no	SEE P/N TREE	CUSTOMER	sheet 3 of 8	

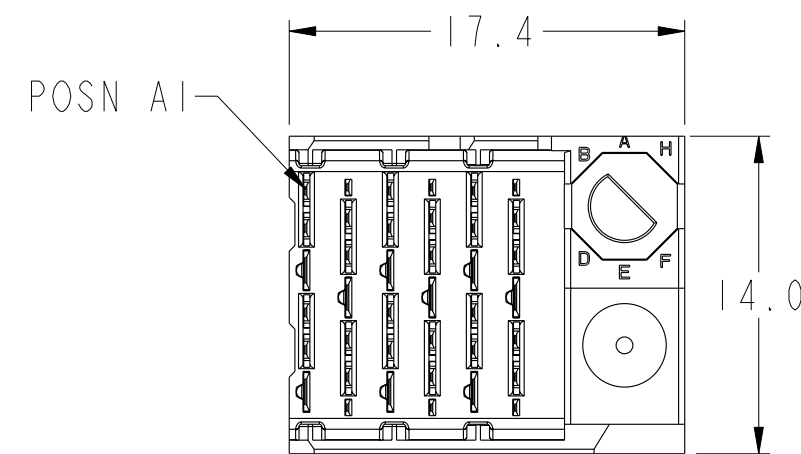
PRELIMINARY

RIGHT POLARIZING/GUIDE MODULE

SEE NOTE 8



SEE NOTE 5

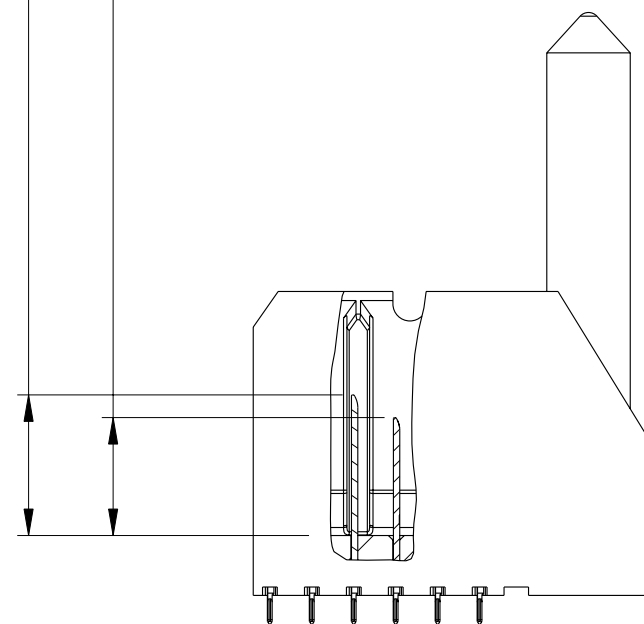


SCALE 3:1

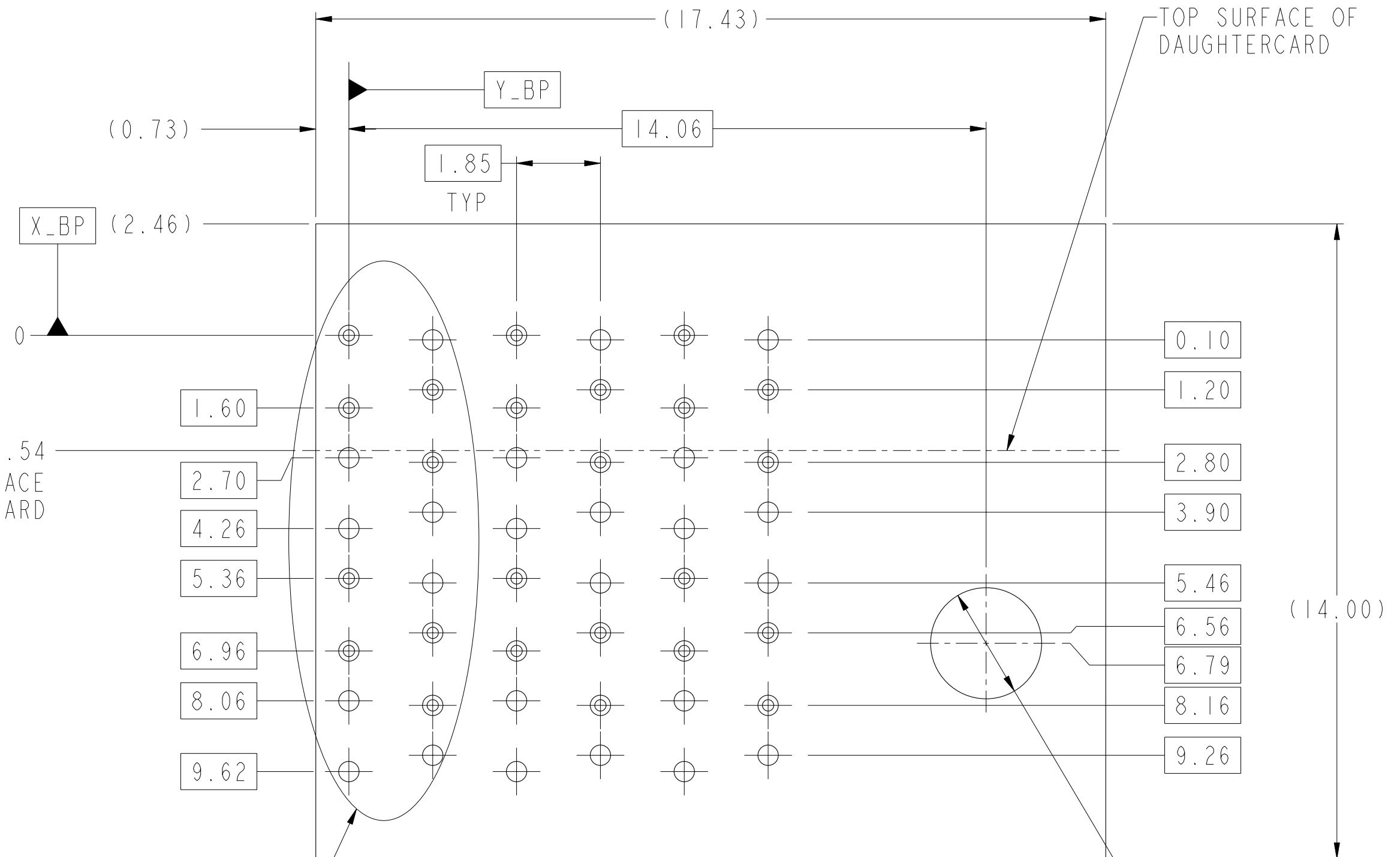
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5.2 (3mm WIPE SIGNALS)
4.2 (2mm WIPE SIGNALS)

(SEE P/N TREE FOR
ALL COMBINATIONS AVAILABLE)



2.54
TO TOP SURFACE
OF DAUGHTERCARD



SEE DETAIL A
(SHEET 8)

NOMINAL MODULE OUTLINE

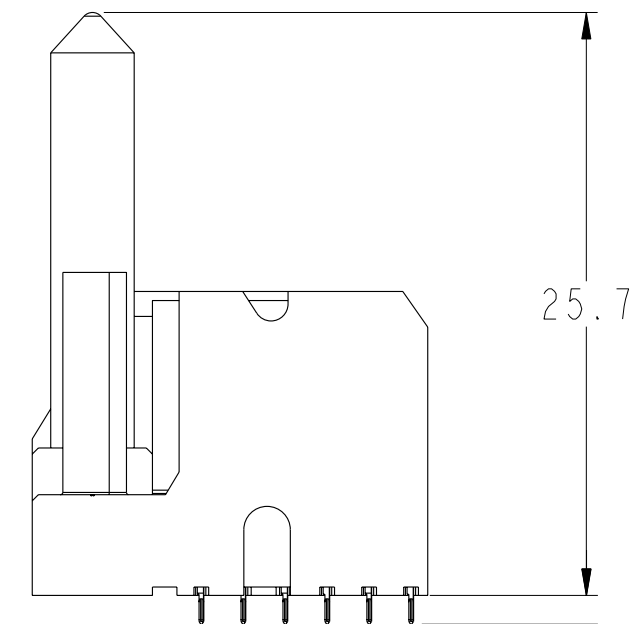
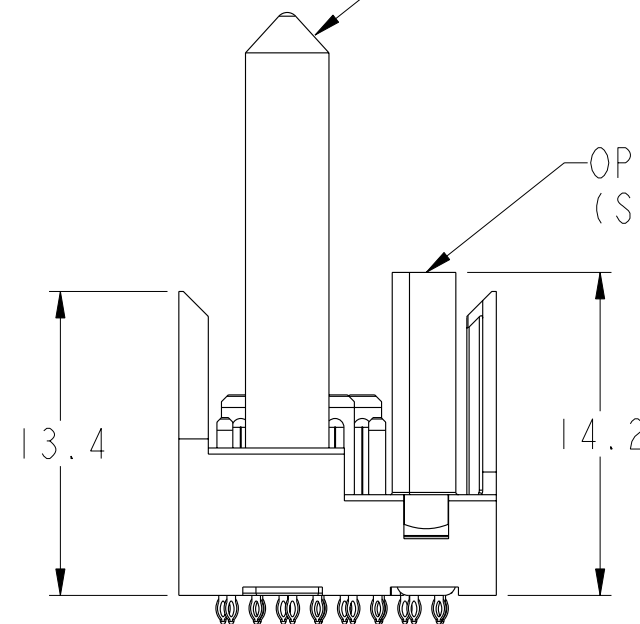
PCB HOLE PATTERN
COMPONENT SIDE
SCALE 10:1

Ø 2.55
2.35

Ø 0.10 A Y_BP X_BP
SEE NOTE 11 & TABLE 1

GUIDE PIN

OPTIONAL KEYING PIN
(SEE P/N TREE)



1.27

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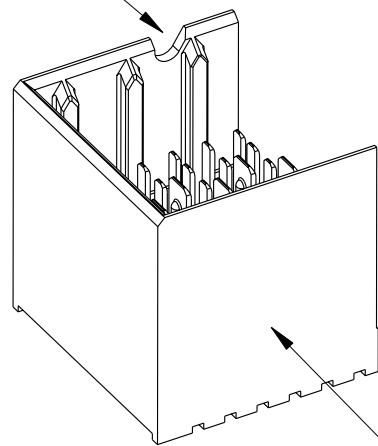


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VERTICAL HEADER, 6-COLUMN, 2-PAIR
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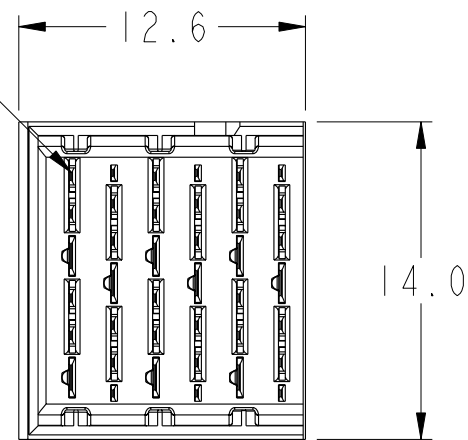
LEFT WALL MODULE

SEE NOTE 8



SEE NOTE 5

POSN A1

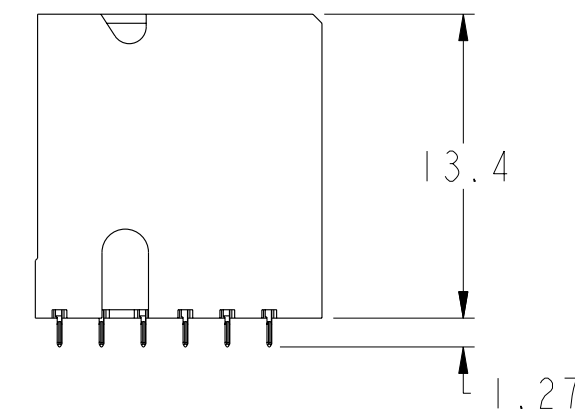
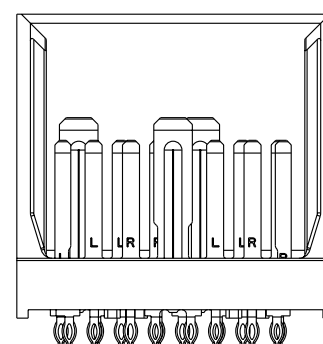
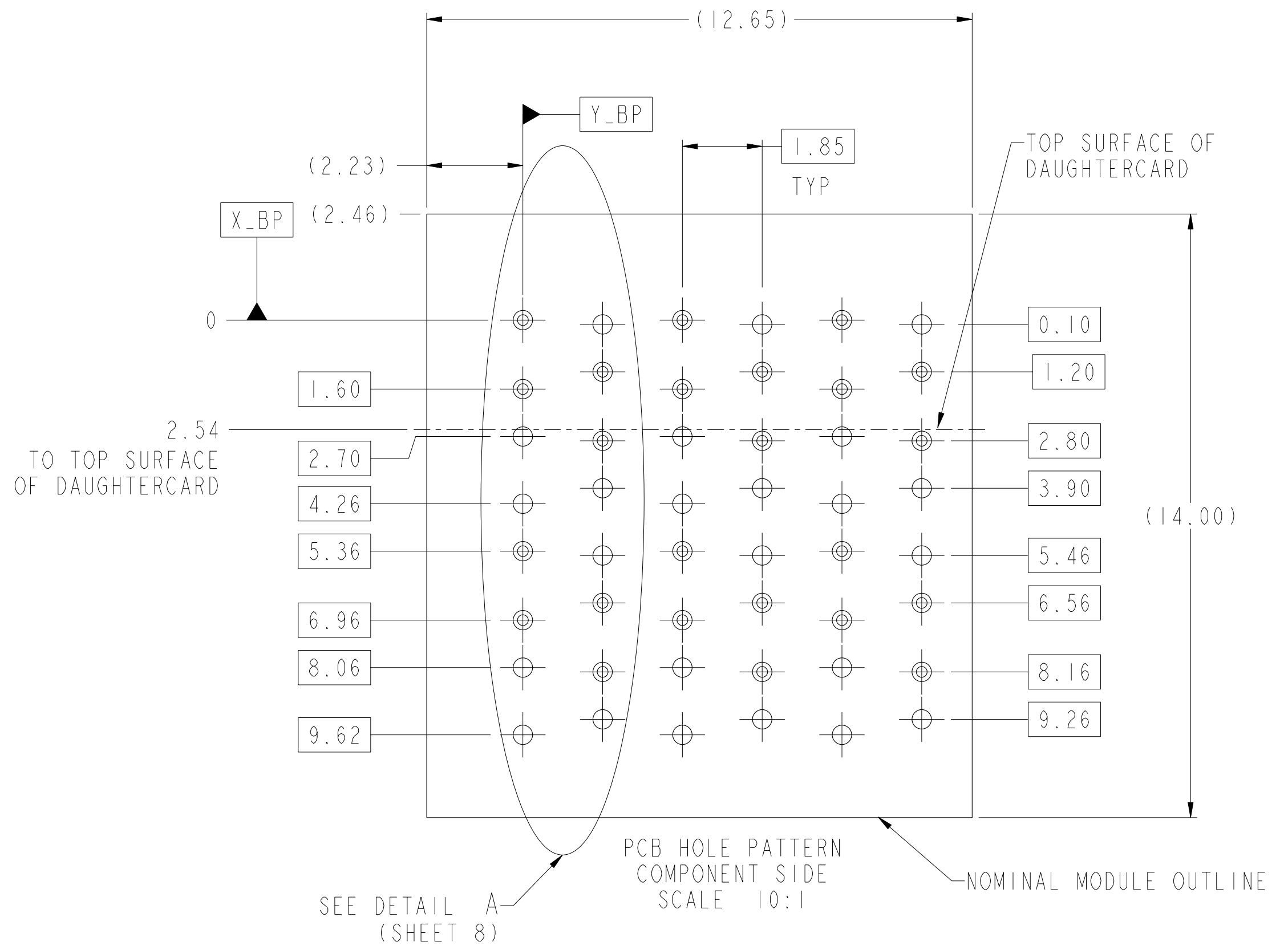
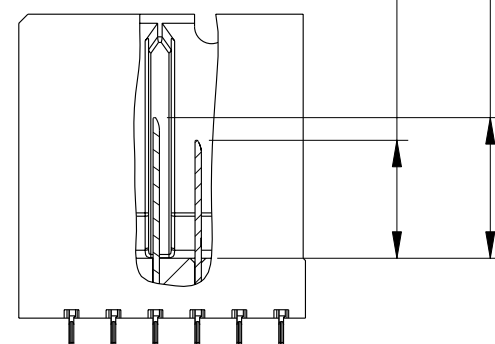


SCALE 3:1

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5.2 (3mm WIPE WIDE GROUNDS)

5.2 (THIN END GROUNDS)
5.2 (3mm WIPE SIGNALS)
4.2 (2mm WIPE SIGNALS)

(SEE P/N TREE FOR
ALL COMBINATIONS AVAILABLE)



PRELIMINARY

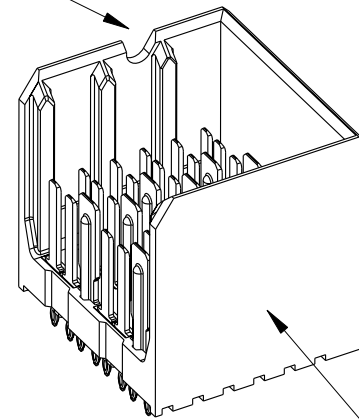


MODULE ASSEMBLY
VERTICAL HEADER, 6-COLUMN, 2-PAIR
SEE P/N TREE

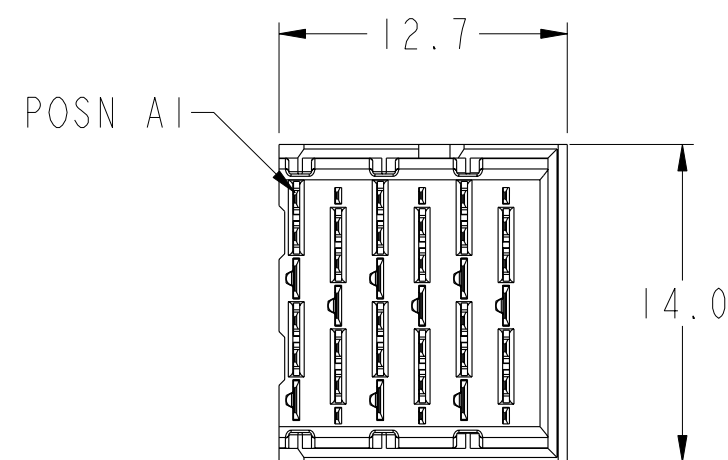
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RIGHT WALL MODULE

SEE NOTE 8



SEE NOTE 5

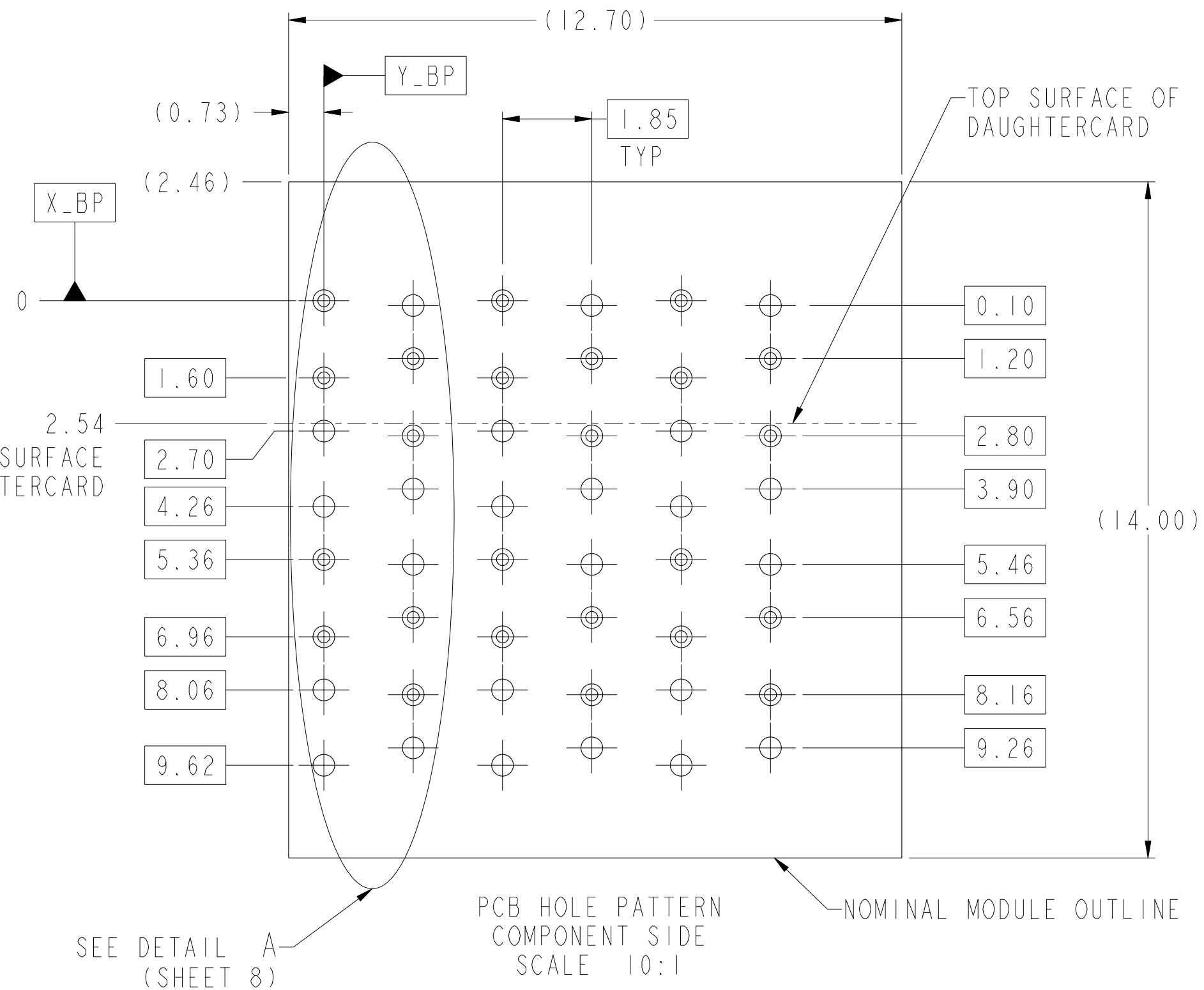
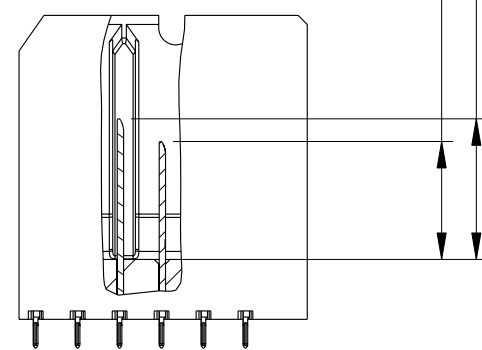


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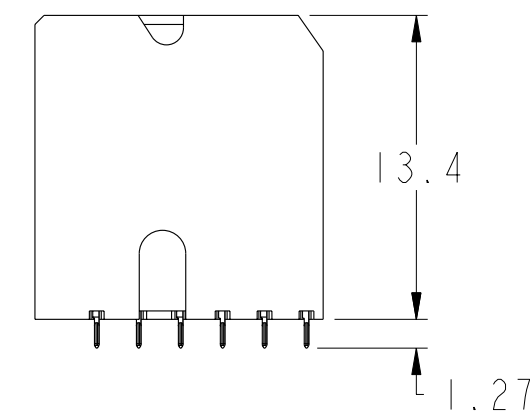
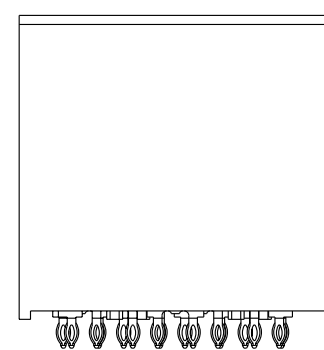
(SEE P/N TREE FOR
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SEE DETAIL A
(SHEET 8)

PCB HOLE PATTERN
COMPONENT SIDE
SCALE 10:1

NOMINAL MODULE OUTLINE



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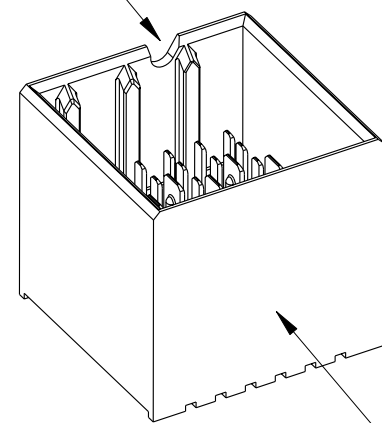


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VERTICAL HEADER, 6-COLUMN, 2-PAIR
catalog no SEE P/N TREE

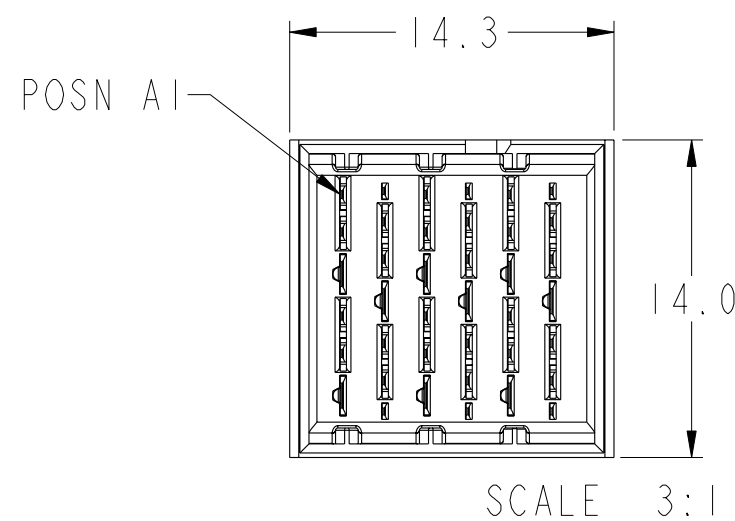
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FOUR WALL MODULE

SEE NOTE 8



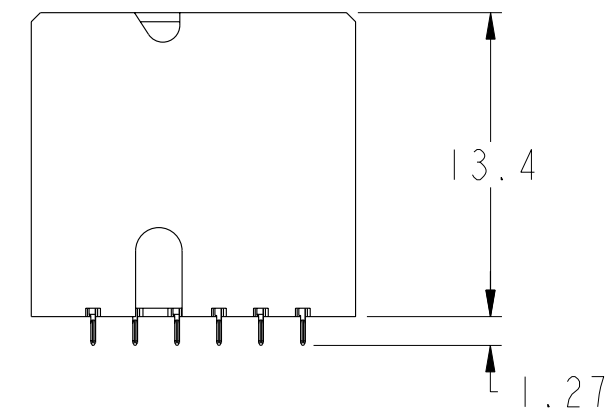
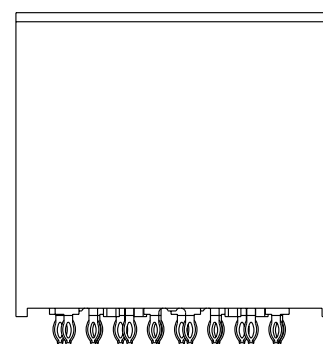
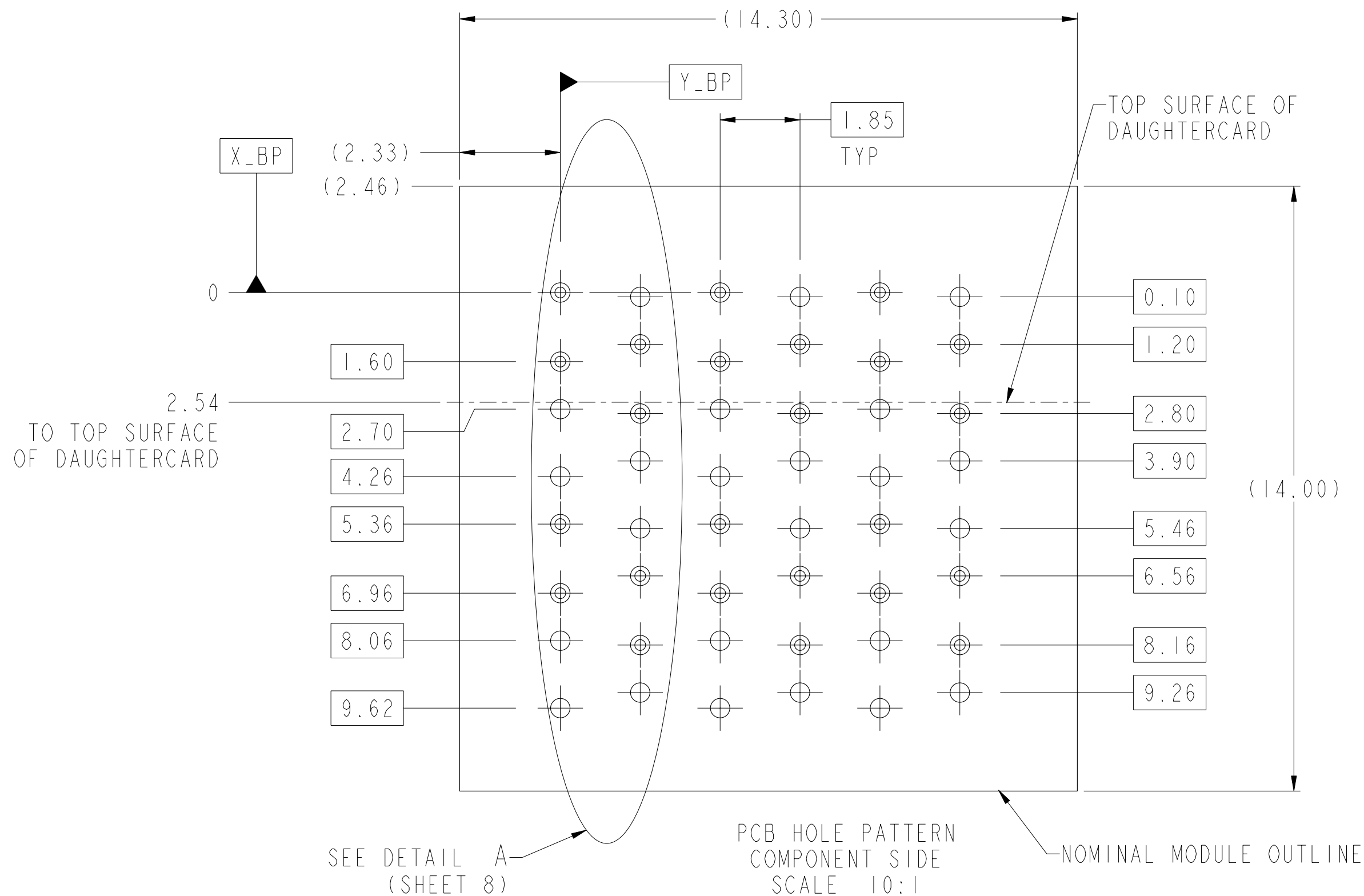
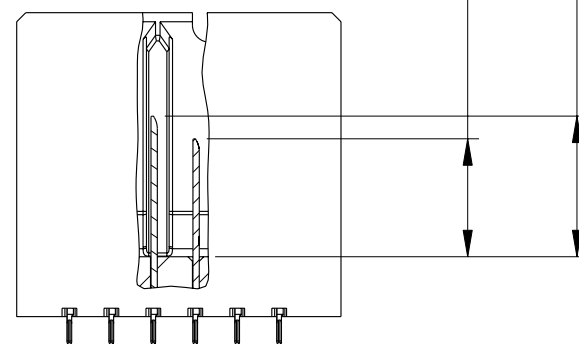
SEE NOTE 5



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

5.2 (THIN END GROUNDS)
5.2 (3mm WIPE SIGNALS)
4.2 (2mm WIPE SIGNALS)

(SEE P/N TREE FOR
ALL COMBINATIONS AVAILABLE)



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NOTES:

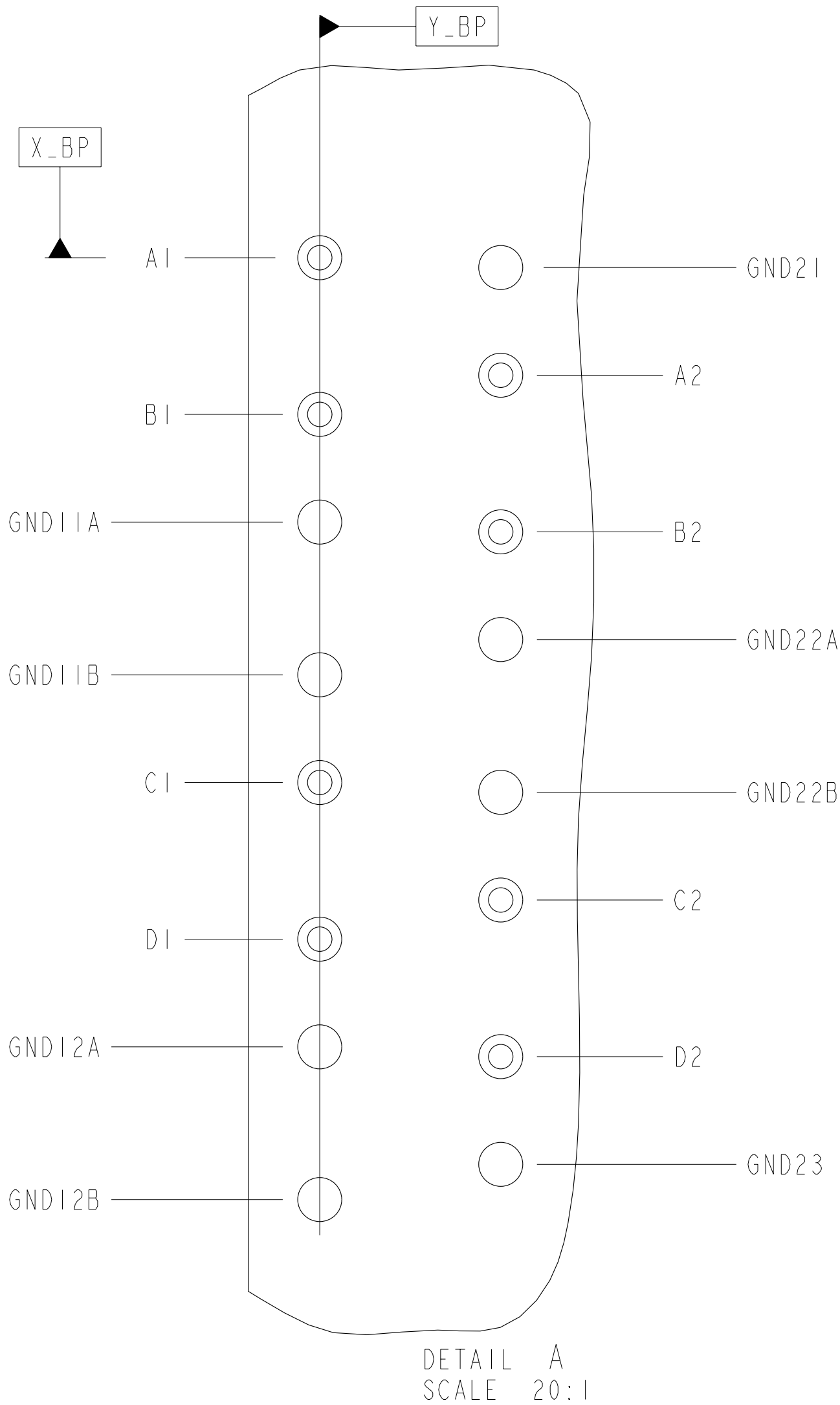
- CONNECTOR MATERIALS
SHROUD: HIGH-TEMP THERMOPLASTIC, UL94V-0
CONTACTS: HIGH PERFORMANCE COPPER ALLOY
- CONTACT PLATING:

SEPARABLE INTERFACE: PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-588, INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE TEST SEQUENCE.

PRESS-FIT TAILS: TIN OVER NICKEL, OR TIN-LEAD ALLOY OVER NICKEL. SEE P/N TREE.
- PRODUCT SPECIFICATION: GS-12-588 (PRELIMINARY)
- APPLICATION SPECIFICATION: GS-20-121 (PRELIMINARY)
- PRODUCT MARKING (PART NUMBER AND LOT CODE) ON THESE SURFACES.
- HOUSING MUST WITHSTAND 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.
- OPTIONAL HOLE LOCATION FOR GROUNDED PIN OR ADDITIONAL GUIDE-PIN SUPPORT. SEE TABLE 1 ON SHEET 1 FOR ADDITIONAL DETAILS.

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

COMPLIANT PIN DRILL	PTH	PAD
Ø0.55 [0.0217"]	Ø0.45±0.05	Ø0.85
Ø0.45 [0.0177"]	Ø0.35±0.05	Ø0.75



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