

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)	O (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

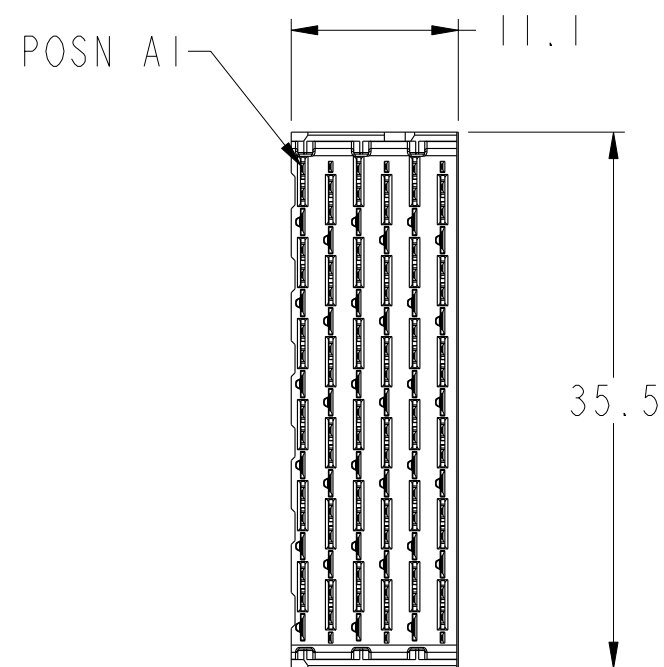
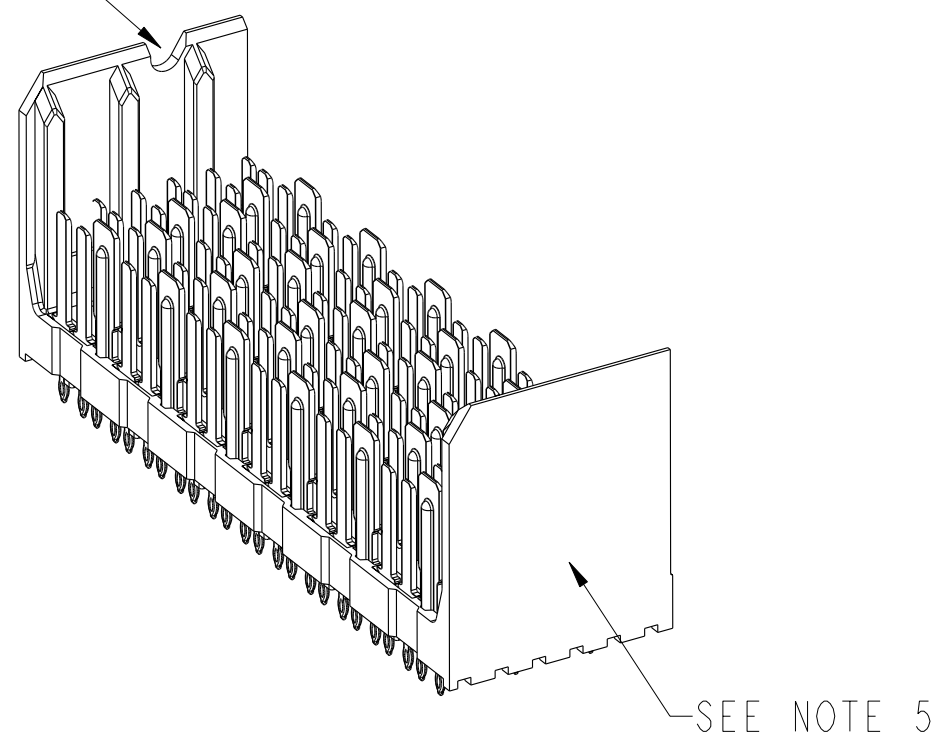
TABLE 2: OPTIONAL SCREW TYPE (SEE NOTE 10)		
SCREW P/N	DESCRIPTION	BOARD THICKNESS
10104997-002LF	#2-56 X .375" PHILLIPS PANHEAD W/SQ CONICAL WASHER	1.60 - 5.00
10104997-003LF	#2-56 X .500" PHILLIPS PANHEAD W/SQ CONICAL WASHER	5.00 - 10.00

rev	ech no	dr	date
1	NEW	S.M	2009-09-01
2	REVISED	KHL	2010-04-19
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com			surface -  ASME Y14.5		tolerance std ASME Y14.5		projection 		MM 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	S.MANI	2009-09-01	ANGULAR	LINEAR	0.X ±0.2		size A2	Scale 4:1			
Eng	KH LEE	2010-04-19			0.XX ±0.10						
Chr	KH LEE	2010-04-19			0.XXX ±0.050						
Appr	-	-	Product family		XCede		Spec ref	SEE NOTES			
			title MODULE ASSEMBLY VERTICAL HEADER, 6-COLUMN, 6-PAIR					dwg no 10104997		Rev. 2	
			catalog no SEE P/N TREE					CUSTOMER		sheet 1 of 8	

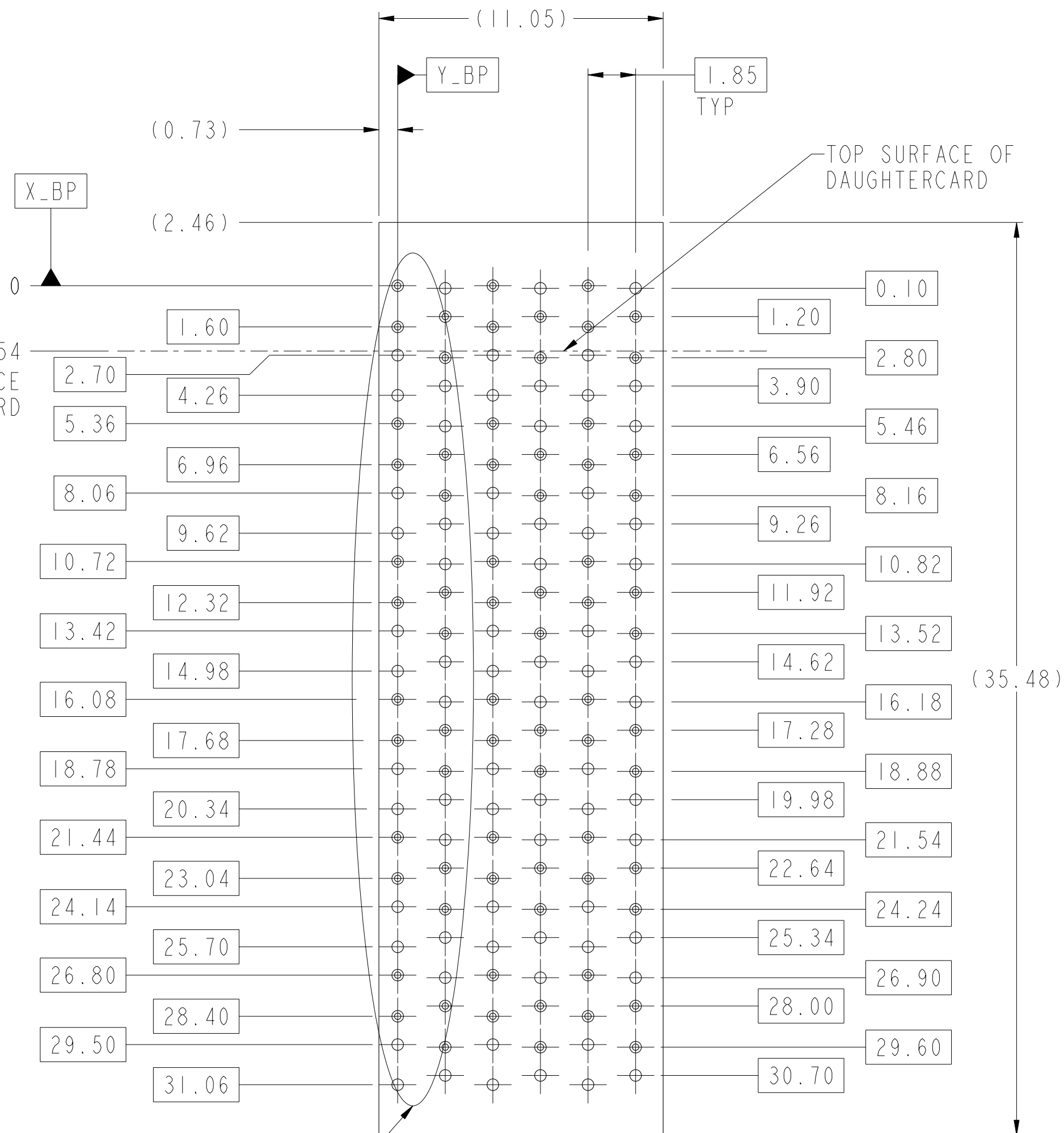
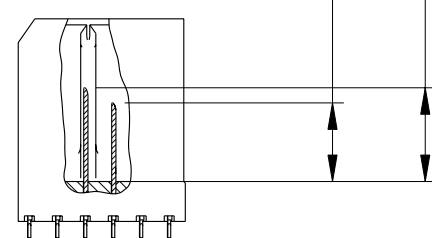
OPEN (2-WALL) MODULE

SEE NOTE 8



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)

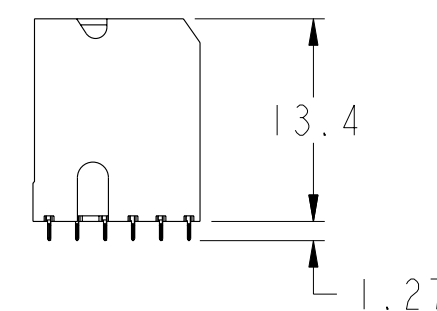
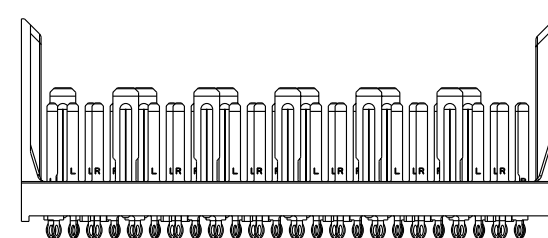
(SEE P/N TREE FOR
 ALL COMBINATIONS AVAILABLE)



SEE DETAIL A
 (SHEET 8)

NOMINAL MODULE OUTLINE

PCB HOLE PATTERN
 COMPONENT SIDE
 SCALE 6:1



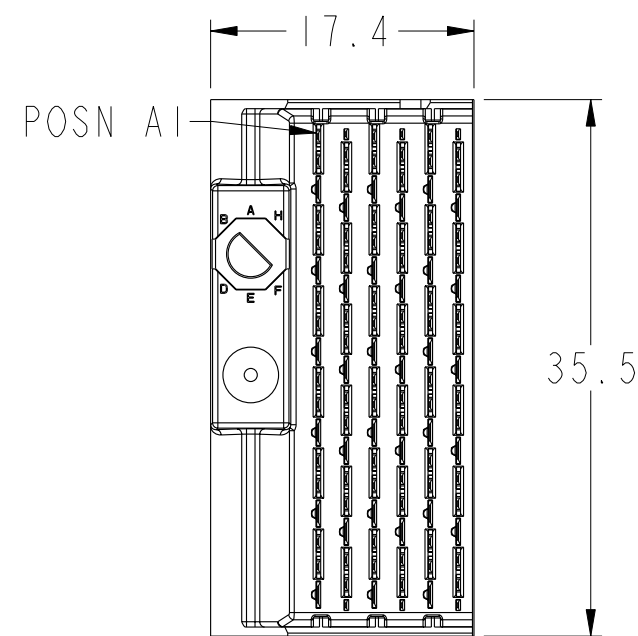
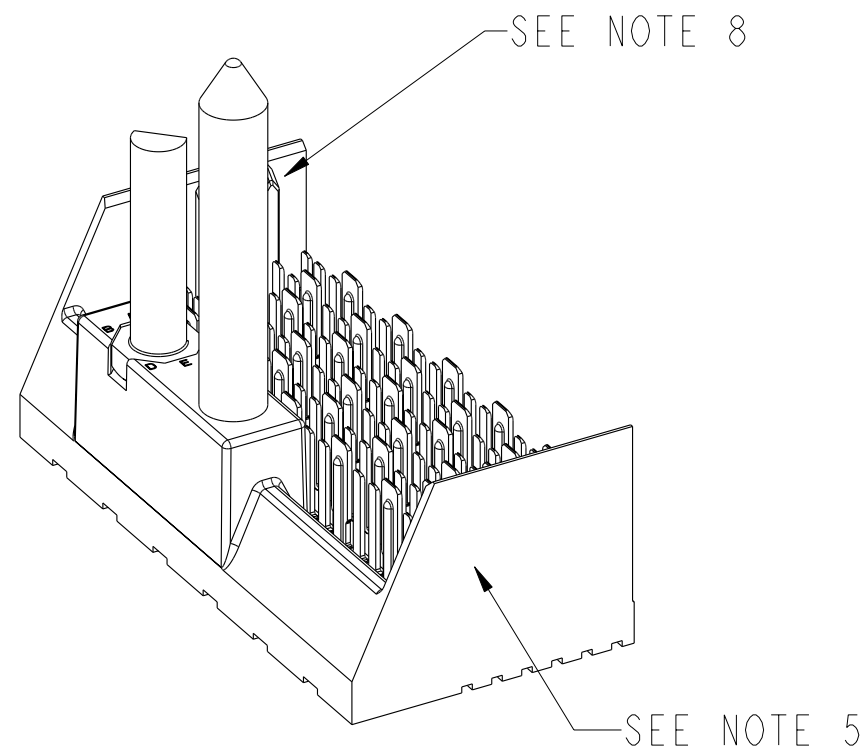
PRELIMINARY



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

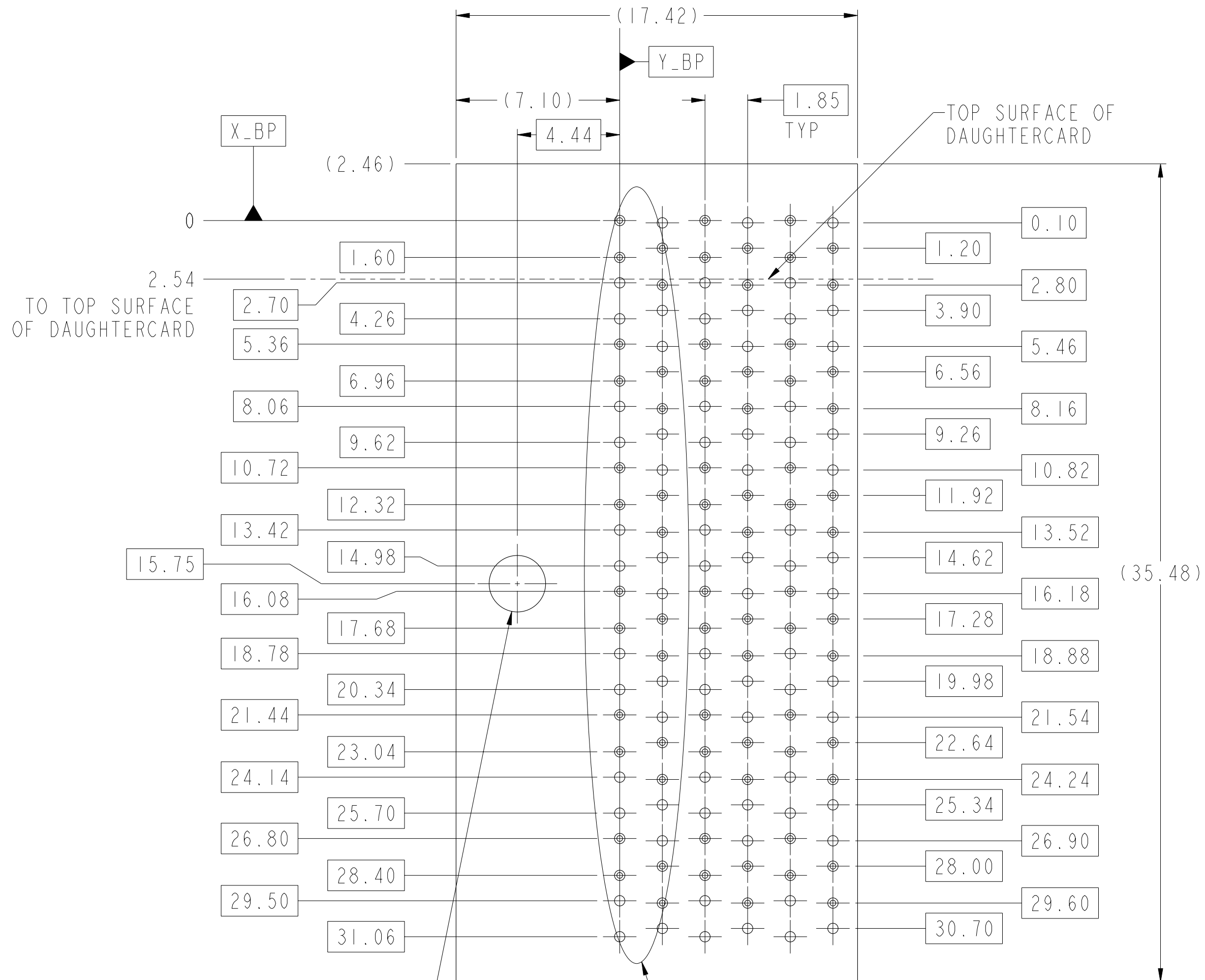
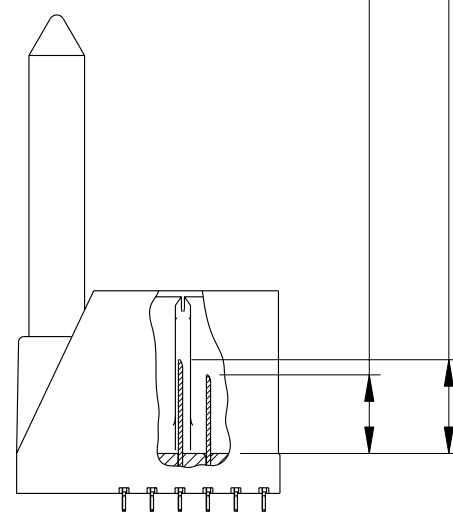
10104997
 CUSTOMER
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LEFT POLARIZING/GUIDE MODULE



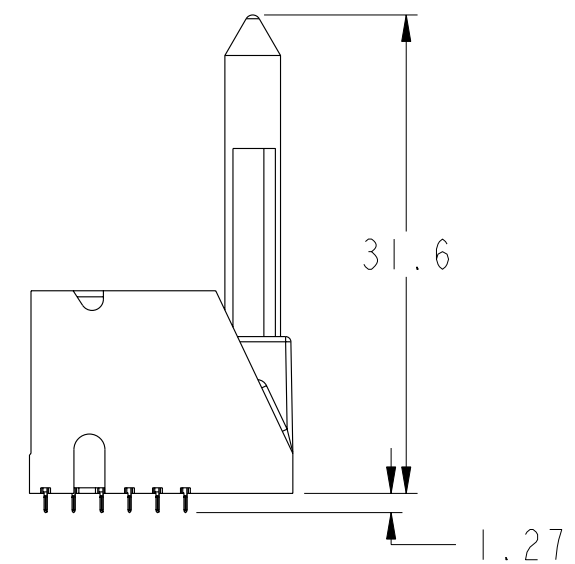
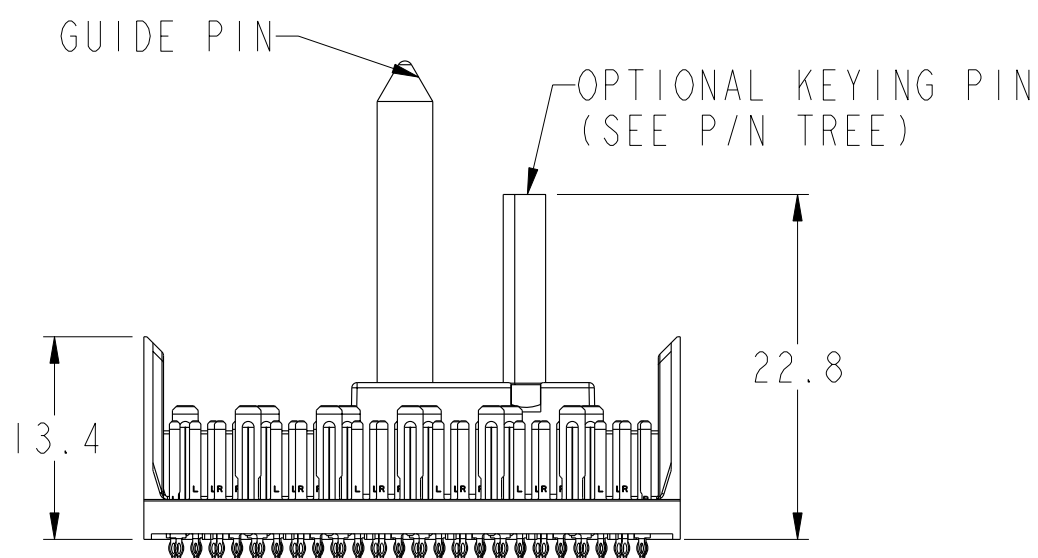
6.2 (4mm WIPE WIDE GROUNDS)
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5.2 (3mm WIPE SIGNALS)
4.2 (2mm WIPE SIGNALS)

(SEE P/N TREE FOR ALL COMBINATIONS AVAILABLE)



SEE NOTE 11 & TABLE 1

SEE DETAIL A (SHEET 8)
NOMINAL MODULE OUTLINE
PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1

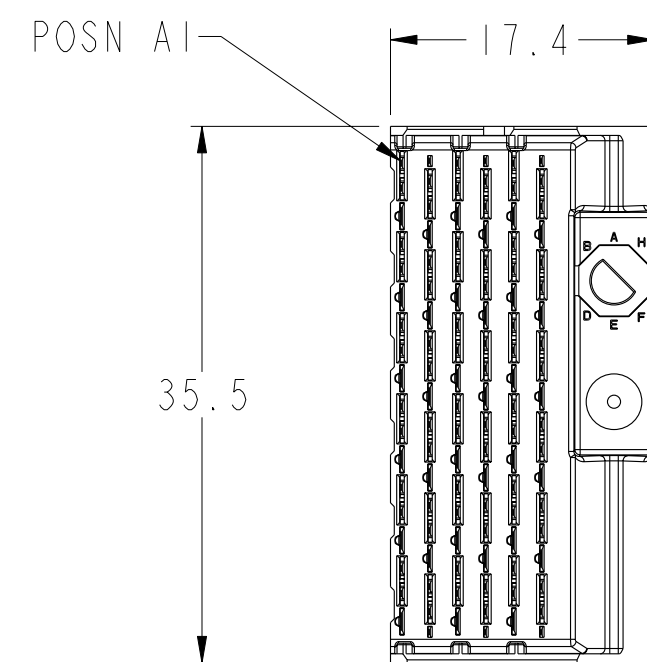
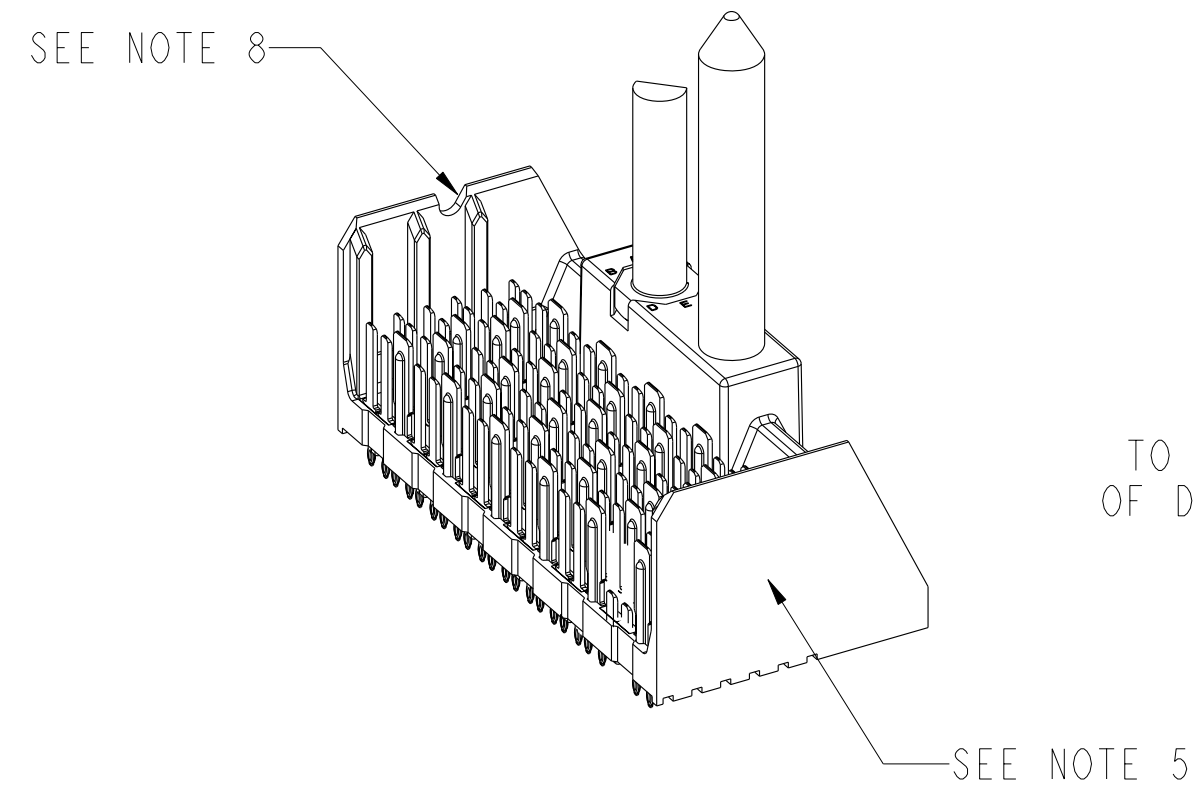


MODULE ASSEMBLY
VERTICAL HEADER, 6-COLUMN, 6-PAIR
SEE P/N TREE

10104997
CUSTOMER
sheet 3 of 8

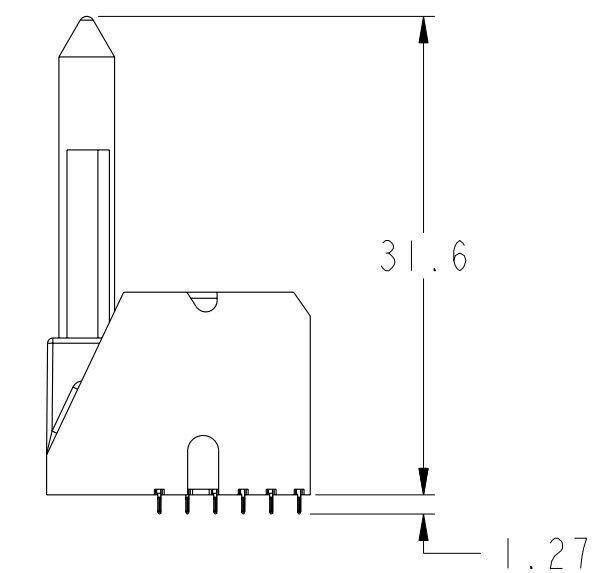
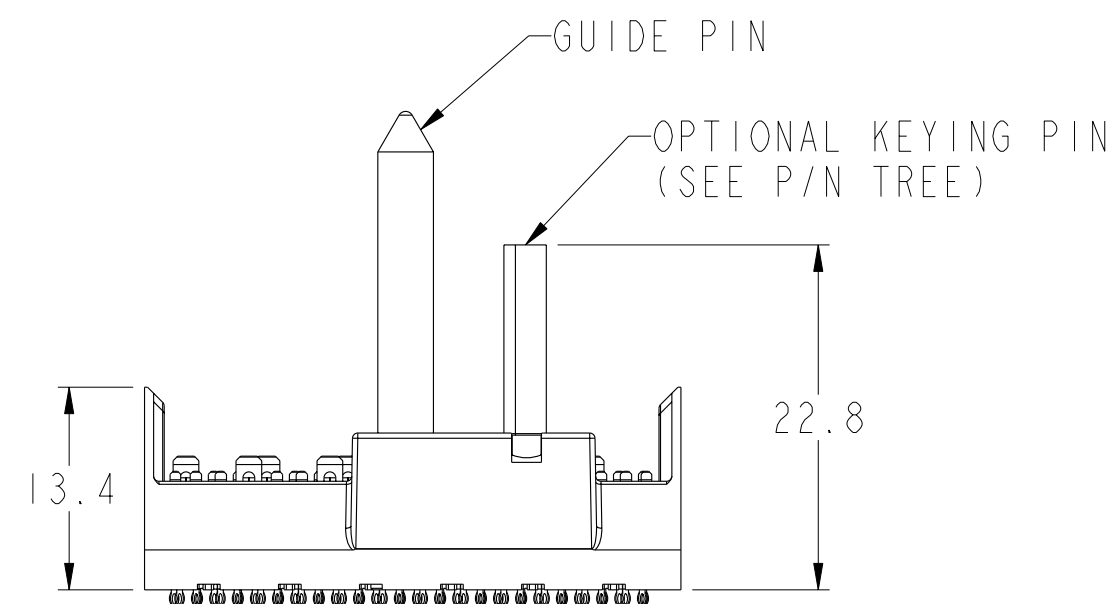
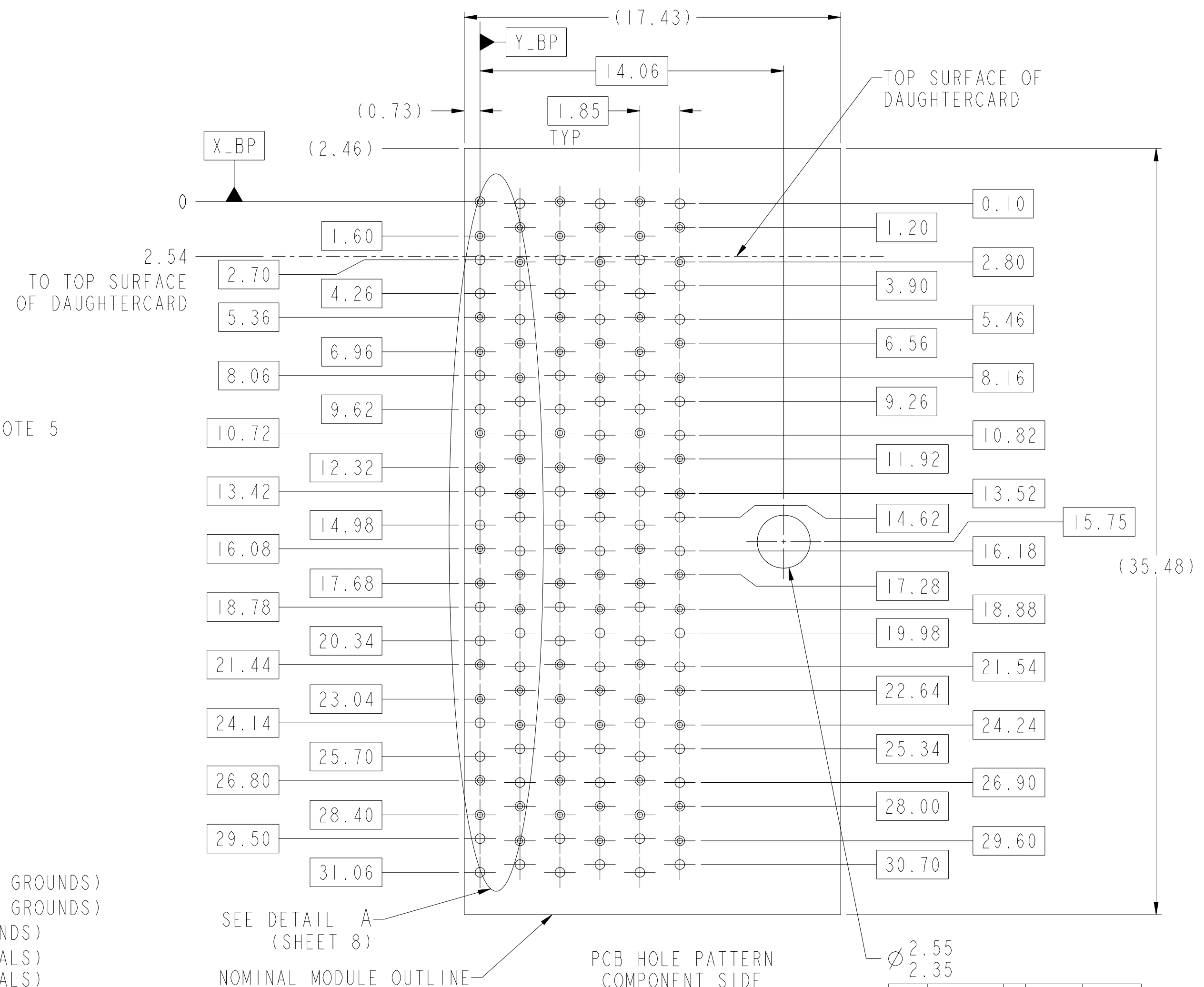
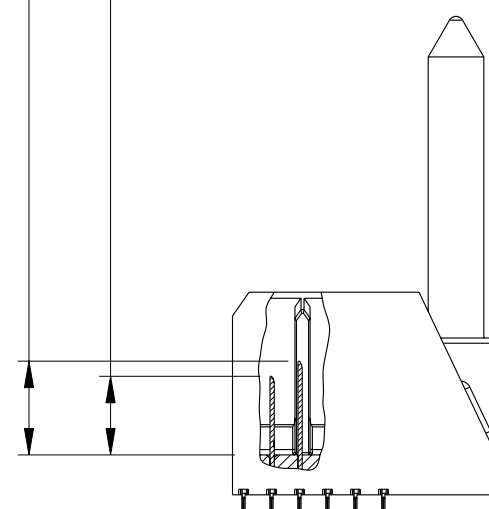
PRELIMINARY

RIGHT POLARIZING/GUIDE MODULE



- 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)

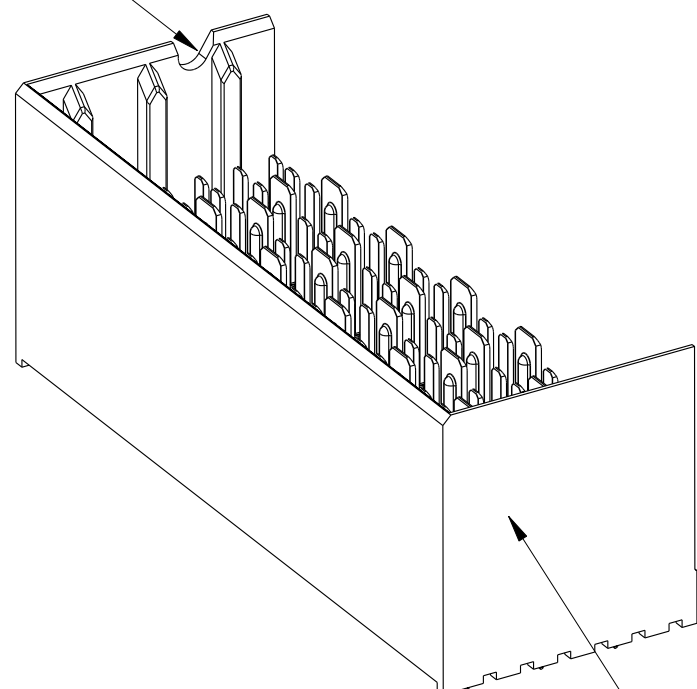
(SEE P/N TREE FOR
ALL COMBINATIONS AVAILABLE)



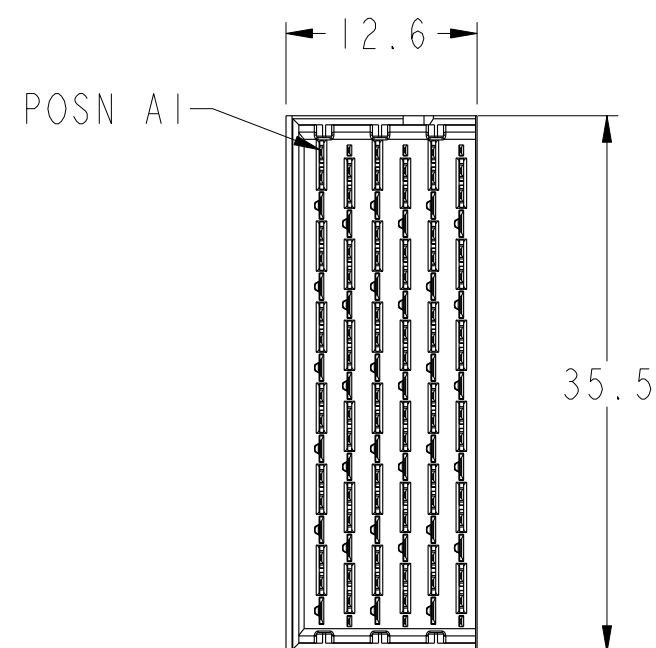
PRELIMINARY

LEFT WALL MODULE

SEE NOTE 8

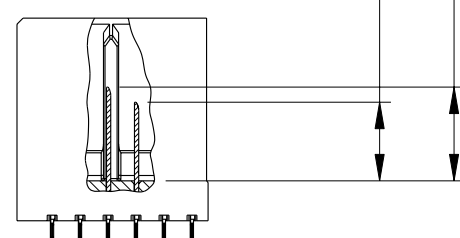


SEE NOTE 5



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)

(SEE P/N TREE FOR ALL COMBINATIONS AVAILABLE)



TO TOP SURFACE OF DAUGHTERCARD

X_BP

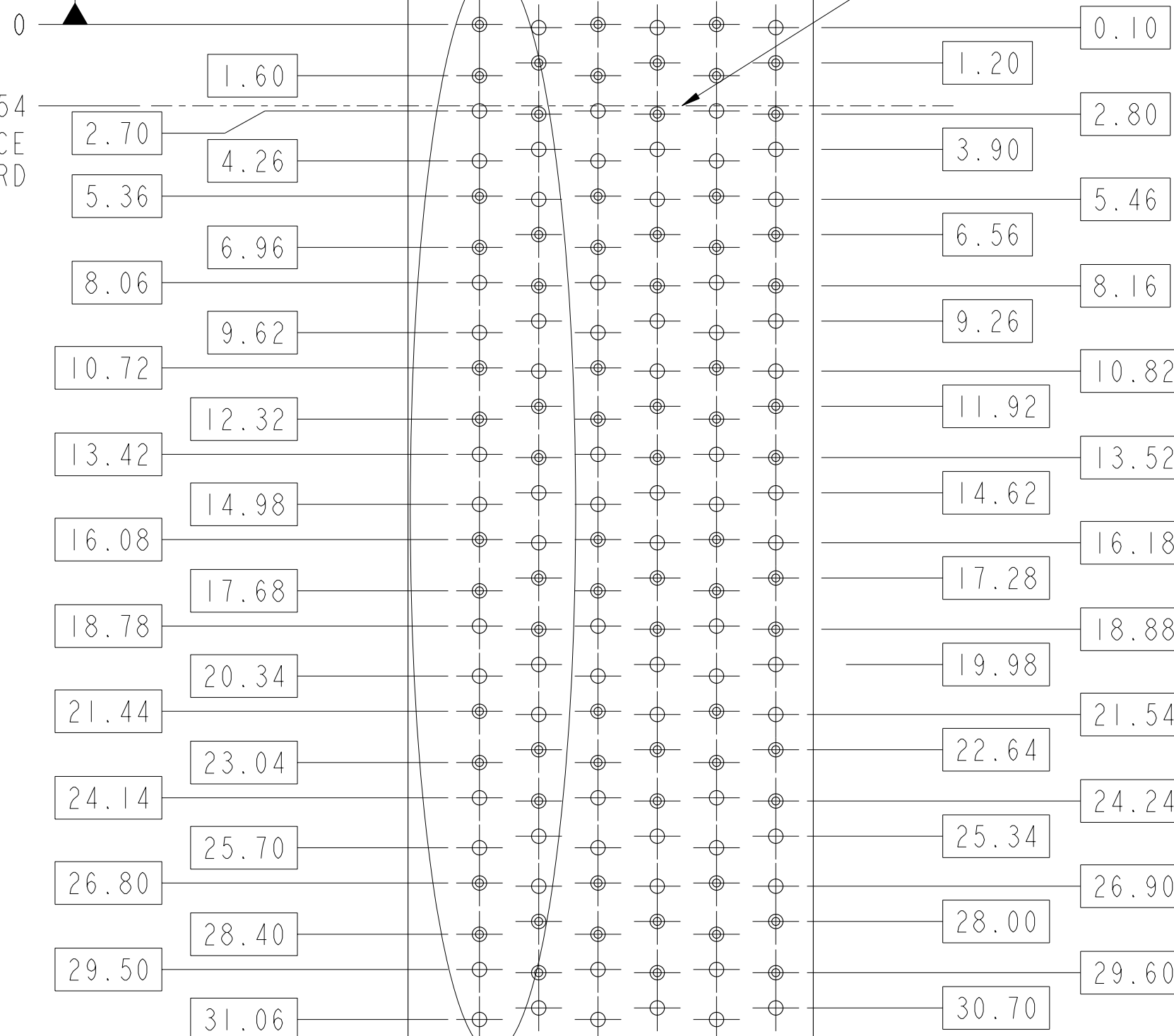
(2.46)

(2.23)

Y_BP

1.85
TYP

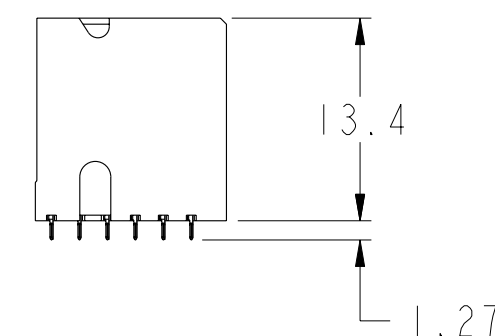
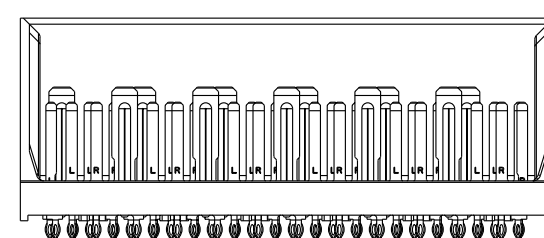
TOP SURFACE OF DAUGHTERCARD



(35.48)

SEE DETAIL A
(SHEET 8)

NOMINAL MODULE OUTLINE
PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1



PRELIMINARY



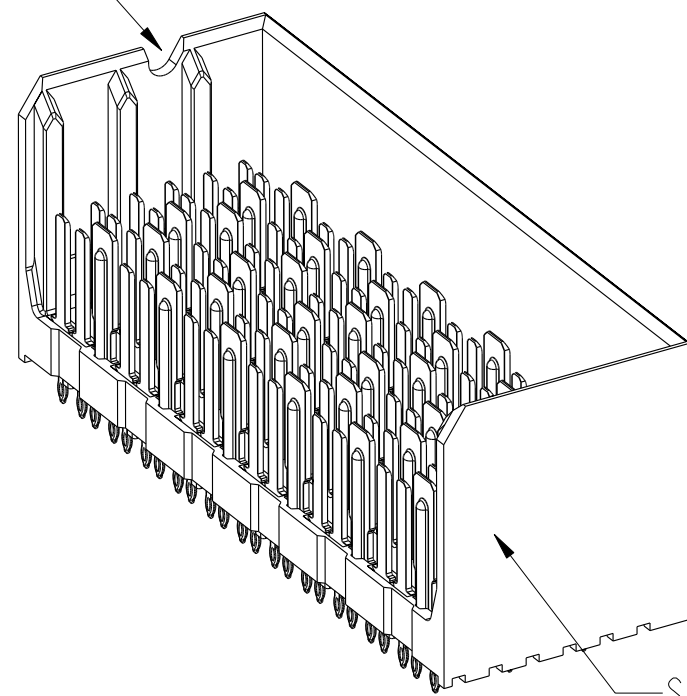
MODULE ASSEMBLY
VERTICAL HEADER, 6-COLUMN, 6-PAIR
SEE P/N TREE

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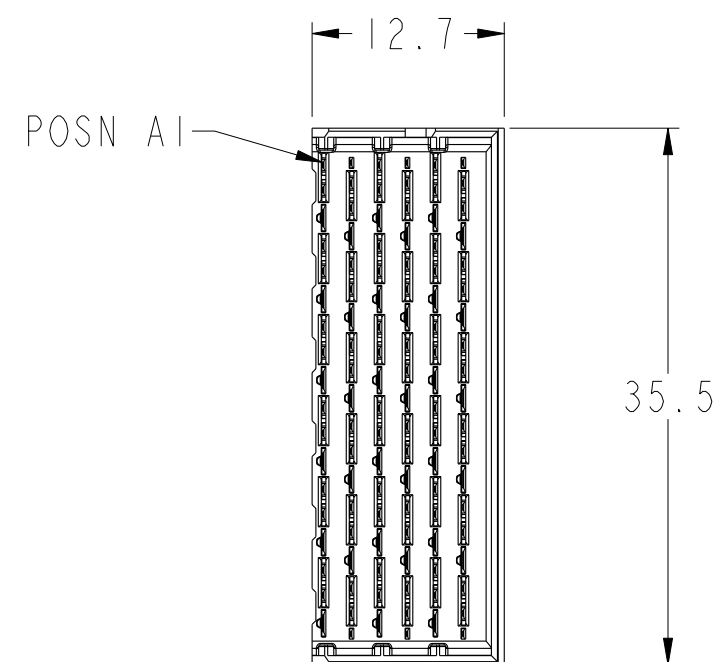
PDM: Rev:2 STATUS: In Work 8 Printed: Aug 16, 2010

RIGHT WALL MODULE

SEE NOTE 8



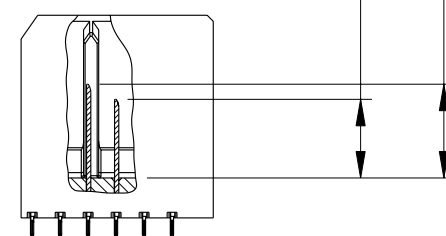
SEE NOTE 5



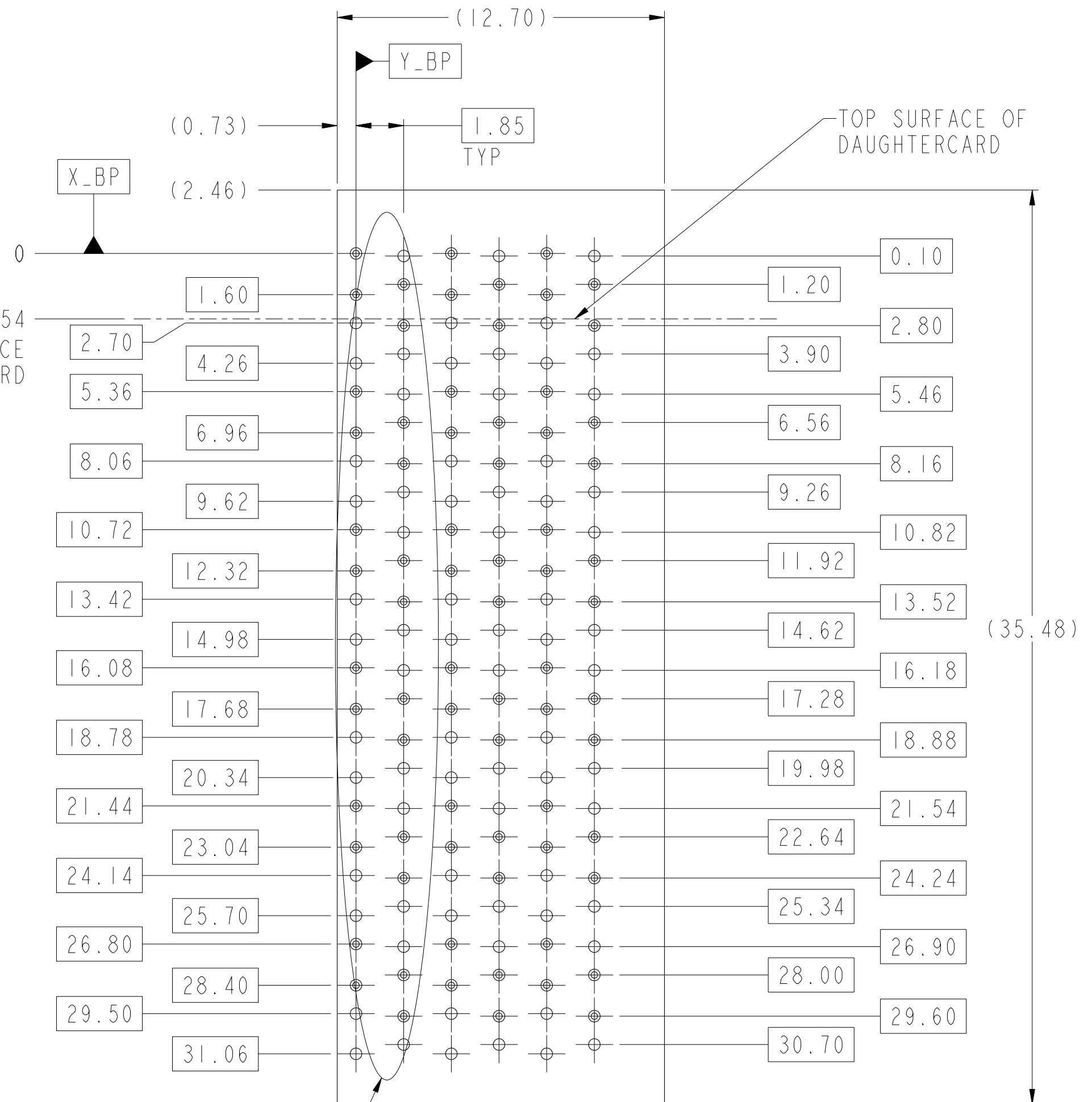
SCALE 2:1

6.2 (4mm WIPE WIDE GROUNDS)
5.2 (3mm WIPE WIDE GROUNDS)
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4.2 (2mm WIPE SIGNALS)

(SEE P/N TREE FOR ALL COMBINATIONS AVAILABLE)



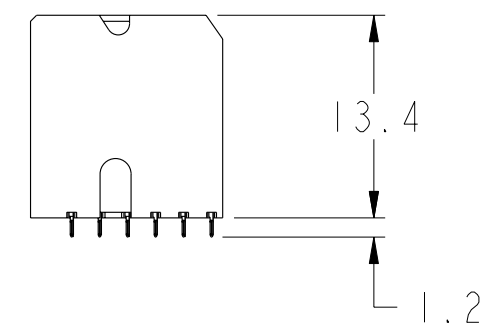
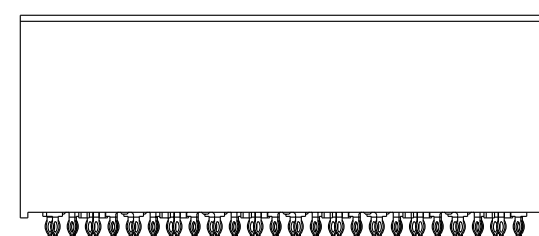
2.54
TO TOP SURFACE
OF DAUGHTERCARD



SEE DETAIL A
(SHEET 8)

NOMINAL MODULE OUTLINE

PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1



PRELIMINARY

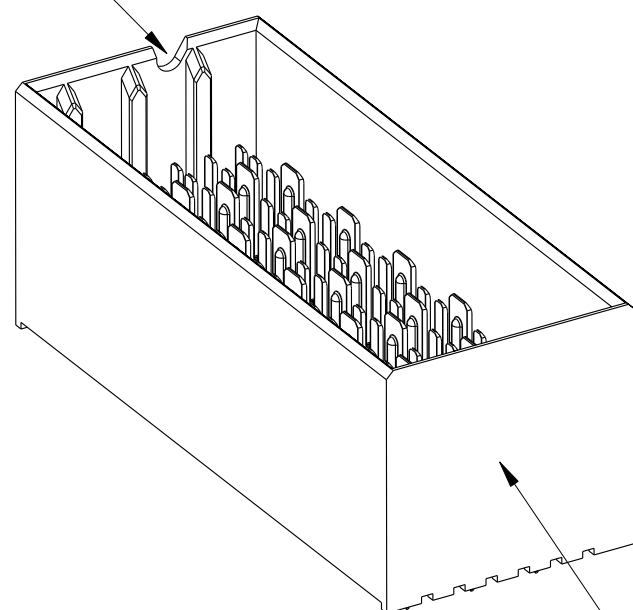


MODULE ASSEMBLY
VERTICAL HEADER, 6-COLUMN, 6-PAIR
SEE P/N TREE

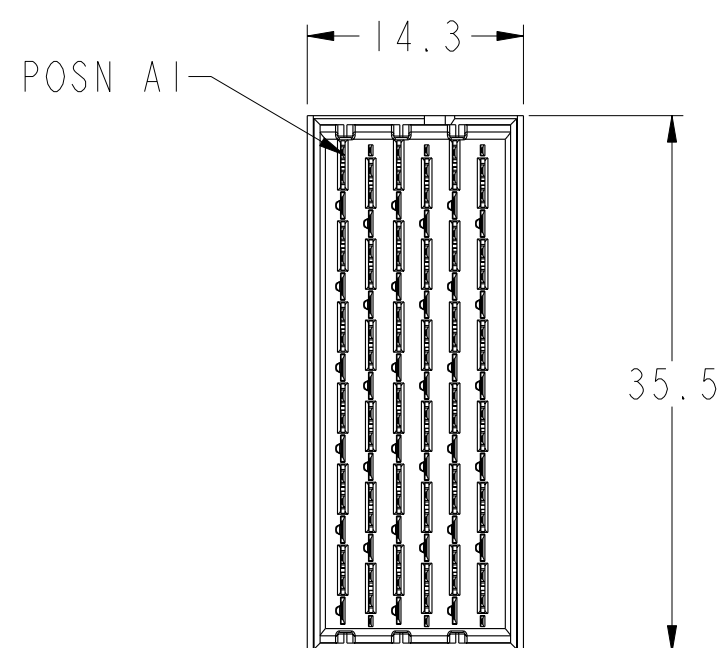
10104997
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CUSTOMER
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FOUR WALL MODULE

SEE NOTE 8

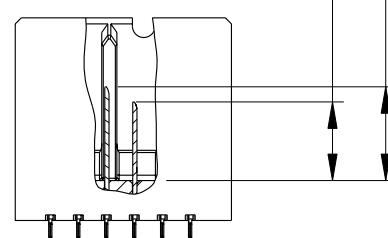


SEE NOTE 5

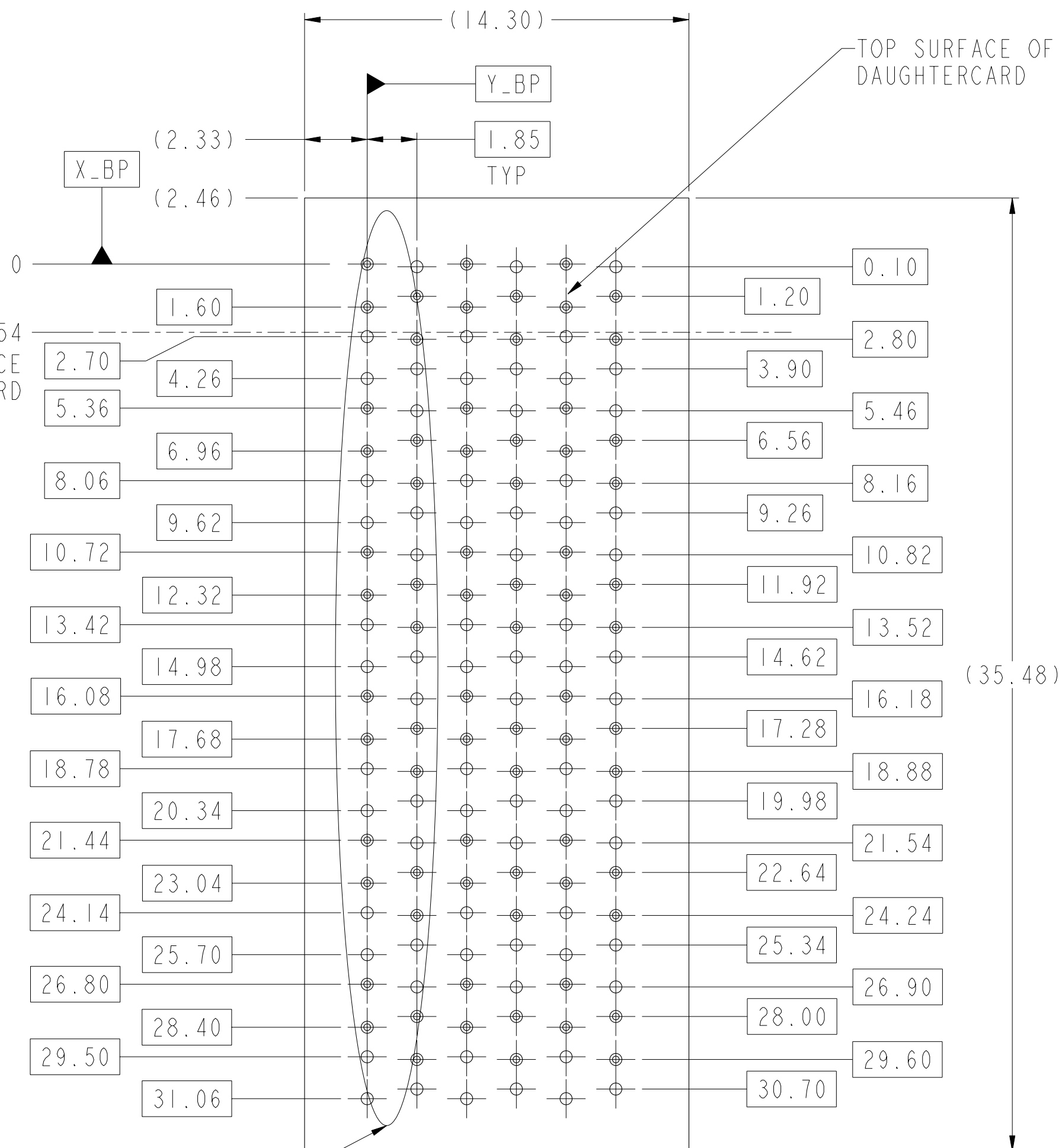


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(SEE P/N TREE FOR
ALL COMBINATIONS AVAILABLE)



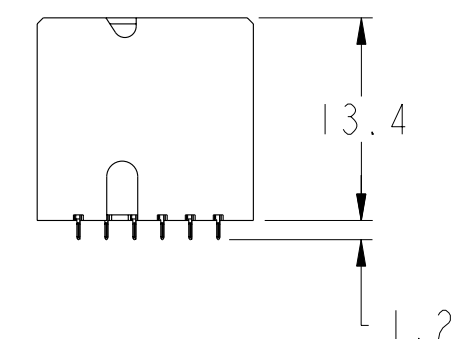
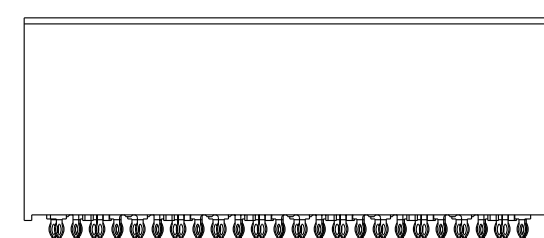
TO TOP SURFACE
OF DAUGHTERCARD



SEE DETAIL A
(SHEET 8)

PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1

NOMINAL MODULE OUTLINE



PRELIMINARY



title MODULE ASSEMBLY
VERTICAL HEADER, 6-COLUMN, 6-PAIR
catalog no SEE P/N TREE

dwg no 10104997
customer sheet 7 of 8

Rev.
2

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.

REFER TABLE 3
FOR PTH, DRILL & PAD SIZES

	Ø0.10	A	Y_BP	X_BP
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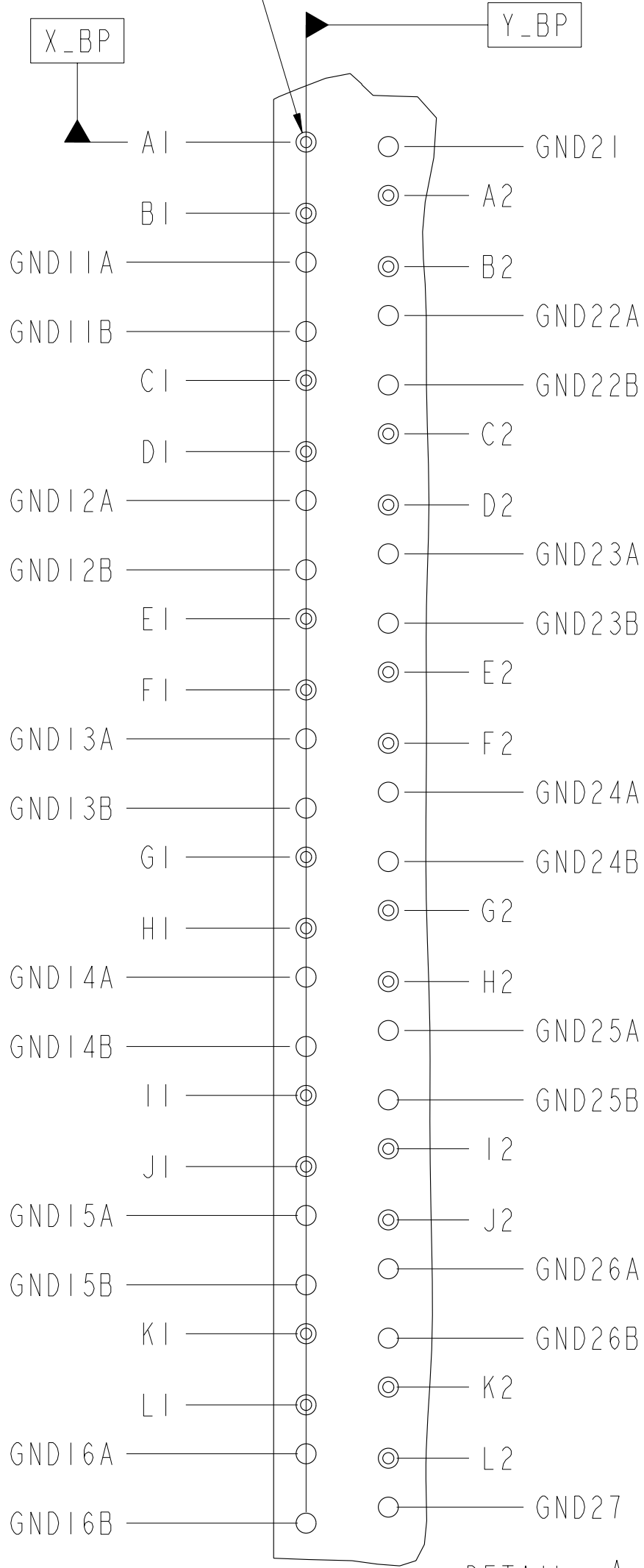


TABLE 3: PTH AND PAD SIZES WITH REFERENCE TO COMPLIANT PIN DRILL

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

DETAIL A
SCALE 8:1

PRELIMINARY



title	MODULE ASSEMBLY
	VERTICAL HEADER, 6-COLUMN, 6-PAIR
catalog no	SEE P/N TREE

dwg no	10104997	Rev.	2
CUSTOMER		sheet 8 of 8	