

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
ALL	A	AASY-70UL9B.VER01	NEW RELEASE	HCL-GM	04/16/2009	A.ASTBURY
	B	AASY-868QB.VER01	ADDED XTALIC PN'S	HCL-GM	06/10/2010	D.SMITH

9 5 1 - 4 X 0 C - X X X

XCede BACKPLANE MODULE MALE STANDARD LOAD

4 PAIR

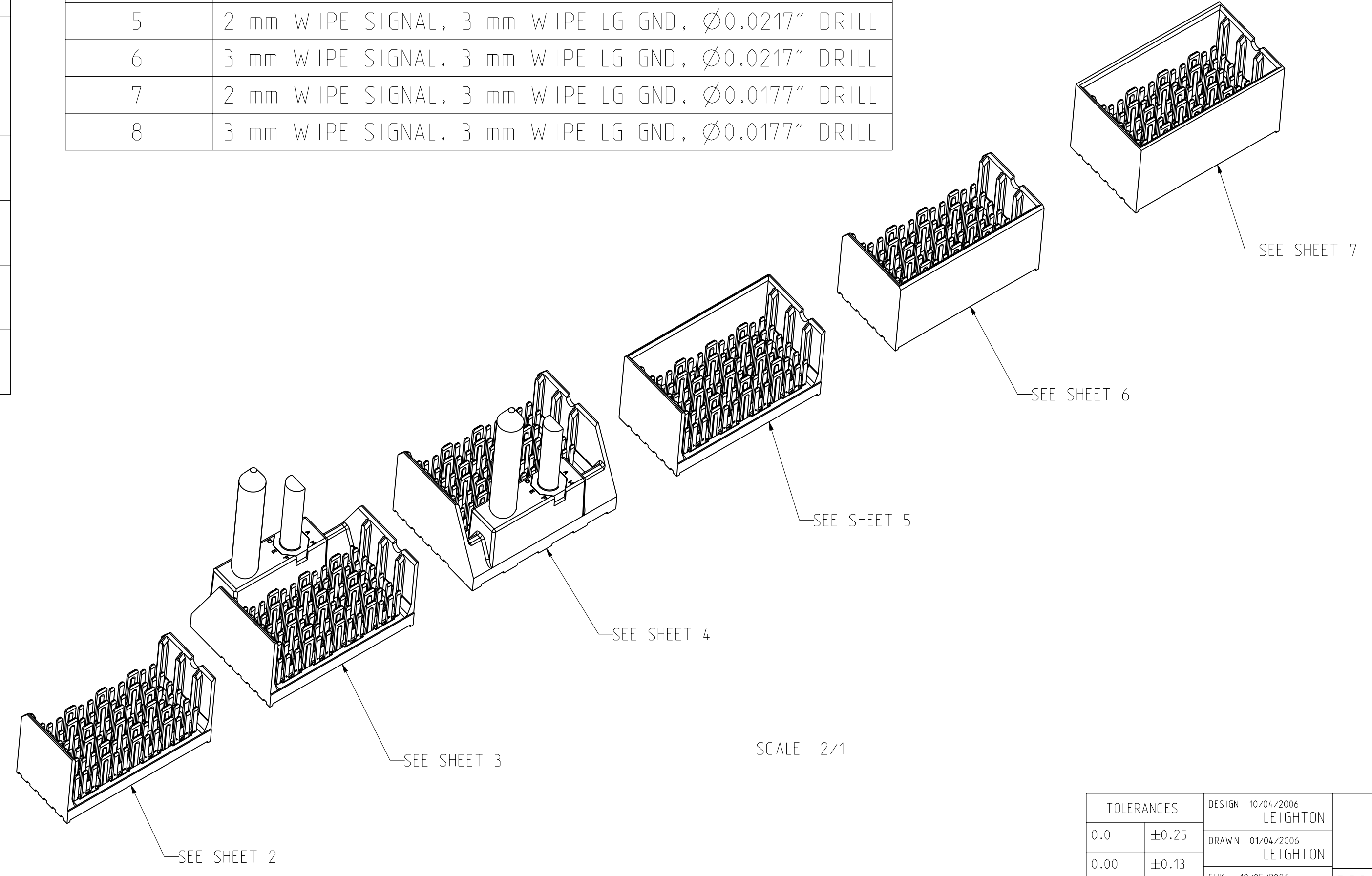
6-POSITION

PLATING ④	
LETTER	DESCRIPTION
B	Ni SULFAMATE, STANDARD GOLD, LEADED
C	Ni SULFAMATE, HIGH GOLD, LEADED
D	Ni SULFAMATE, STANDARD GOLD, LEAD-FREE
E	Ni SULFAMATE, HIGH GOLD, LEAD-FREE
F	NANO Ni, STANDARD GOLD, LEADED
G	NANO Ni, HIGH GOLD, LEADED
H	NANO Ni, STANDARD GOLD, LEAD-FREE
J	NANO Ni, HIGH GOLD, LEAD-FREE

NUMBER	PIN STYLE, HEIGHT
0	GUIDE PIN MACHINED, 31.6mm / NONE
1	GUIDE PIN ROLLED, 31.6mm
4	GUIDE PIN MACHINED, 25.7mm
5	GUIDE PIN ROLLED, 25.7mm

NUMBER	SIGNAL & LG. GROUND WIPE LENGTH, COMPLIANT PIN SIZE
1	2 mm WIPE SIGNAL, 4 mm WIPE LG GND, Ø0.0217" DRILL
2	3 mm WIPE SIGNAL, 4 mm WIPE LG GND, Ø0.0217" DRILL
3	2 mm WIPE SIGNAL, 4 mm WIPE LG GND, Ø0.0177" DRILL
4	3 mm WIPE SIGNAL, 4 mm WIPE LG GND, Ø0.0177" DRILL
5	2 mm WIPE SIGNAL, 3 mm WIPE LG GND, Ø0.0217" DRILL
6	3 mm WIPE SIGNAL, 3 mm WIPE LG GND, Ø0.0217" DRILL
7	2 mm WIPE SIGNAL, 3 mm WIPE LG GND, Ø0.0177" DRILL
8	3 mm WIPE SIGNAL, 3 mm WIPE LG GND, Ø0.0177" DRILL

	LETTER									
LEFT POLARIZING GUIDANCE (SEE SHEET 3)	N	J (NO KEY)	A	B	C	D	E	F	G	H
	NO KEY NO GUIDE PIN									
RIGHT POLARIZING GUIDANCE (SEE SHEET 4)	Z	Y (NO KEY)	P	Q	R	S	T	U	V	W
	NO KEY NO GUIDE PIN									
OPEN (SEE SHEET 2)	O (ZERO)									
LEFT WALL (SEE SHEET 5)	L									
RIGHT WALL (SEE SHEET 6)	M									
TWO WALL (SEE SHEET 7)	1									



- NOTES:
- REFER TO TB-2150 FOR XCede PRODUCT SPECIFICATIONS.
  - ② NOTCH DESIGNATES "ROW A" SIDE OF SHROUD. NOTCH FEATURE ON OPPOSITE SIDE FROM PART MARKING.
  - PART MARKING AS FOLLOWS:  
 LINE 1: "ATCS" AND DATECODE (ATCS YYWW).  
 LINE 2: MODULE PART NUMBER (951-####-###).  
 LINE 3: WORK ORDER NUMBER (#####).  
 WHERE "\*" DENOTES MANUFACTURING LOCATION.
  - ④ PLATING THICKNESS OF SIGNAL CONTACT AND GROUND CONTACT IS DETERMINED BY PLATING CODE. SEE PART NUMBER TREE SHEET 1.
  - REPAIR PROCEDURE FOR MODULE. SEE TB-2210.
  - ⑤ SEE TB-2149 FOR ROUTING GUIDELINES & PTH REQ'S.
  - ⑦ SEE DOC C190-1001-000 FOR TOOLING KEEPOUT ZONES.
  - ⑧ BACKPLANE DATUM REFERENCE.
  - ⑨ OPTIONAL HOLE/MOUNTING SCREW LOCATION FOR GROUNDED PIN OR ADDITIONAL GUIDE PIN SUPPORT. REFER TO TB-2211 FOR PROPER GUIDE PIN SELECTION AND DRAWING C942-4010-000 FOR OPTIONAL HOLE DETAILS. ONLY APPLIES FOR MACHINED GUIDE PIN APPLICATIONS.
  - DIMENSIONS APPLY FOR BOTH COMPLIANT PIN SIZES.

INTERPRET PER ASME Y14.5M  
CODE IDENT 31413

TOLERANCES	DESIGN	DATE
0.0	±0.25	10/04/2006
0.00	±0.13	01/04/2006
0.000	±	10/05/2006
ANGLES	± 3°	10/06/2006

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS PERIOD		<b>Amphenol TCS</b> A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03062 603.879.3000	
TITLE	BACKPLANE MODULES, VERTICAL MALE HEADER XCede, 4 PAIR 6 POSITION	PART NO.	SEE PN TREE SHEET 1
DRAWING NO.	C951-400C-500	REV	N/A
PROJ ASSEM	C951-4-BP4 C951-400C-500.drw	DATE	14.7 B.O
SIZE	D	SCALE	4/1
		SHEET 1 OF 8	

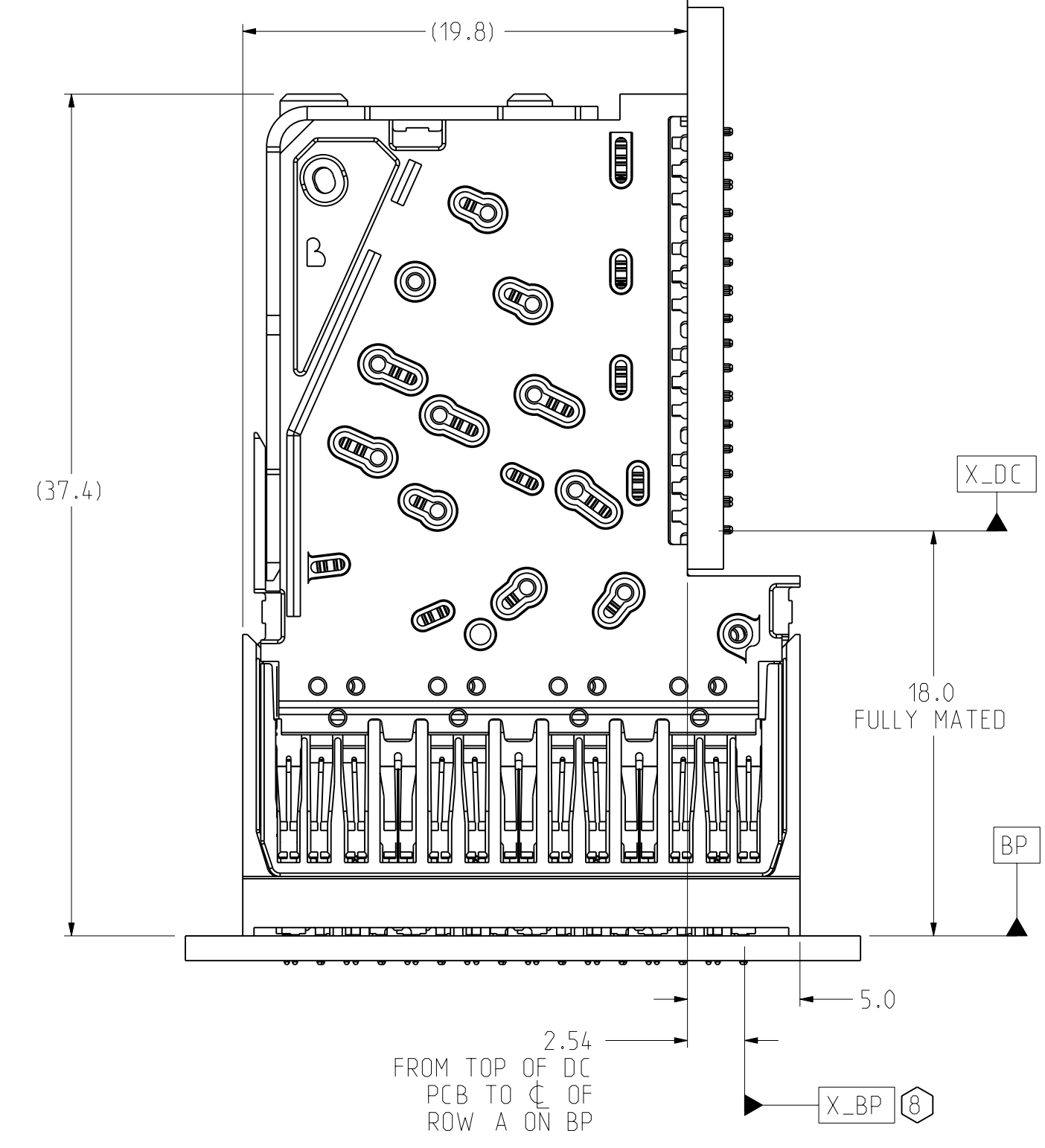
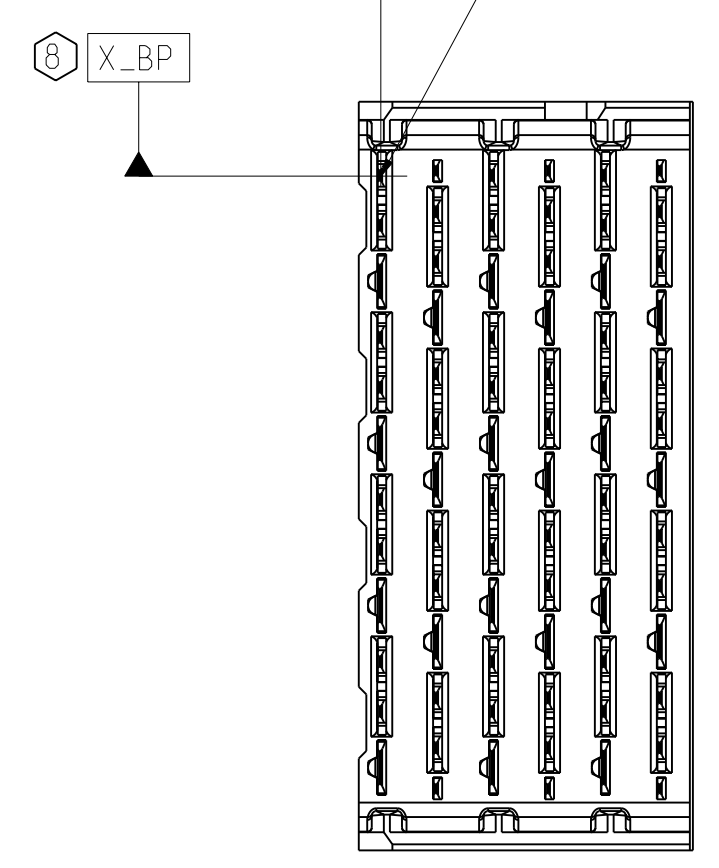
CUSTOMER USE  
DRAWING

DRW NO. C951-400C-500

SH 1 REV B

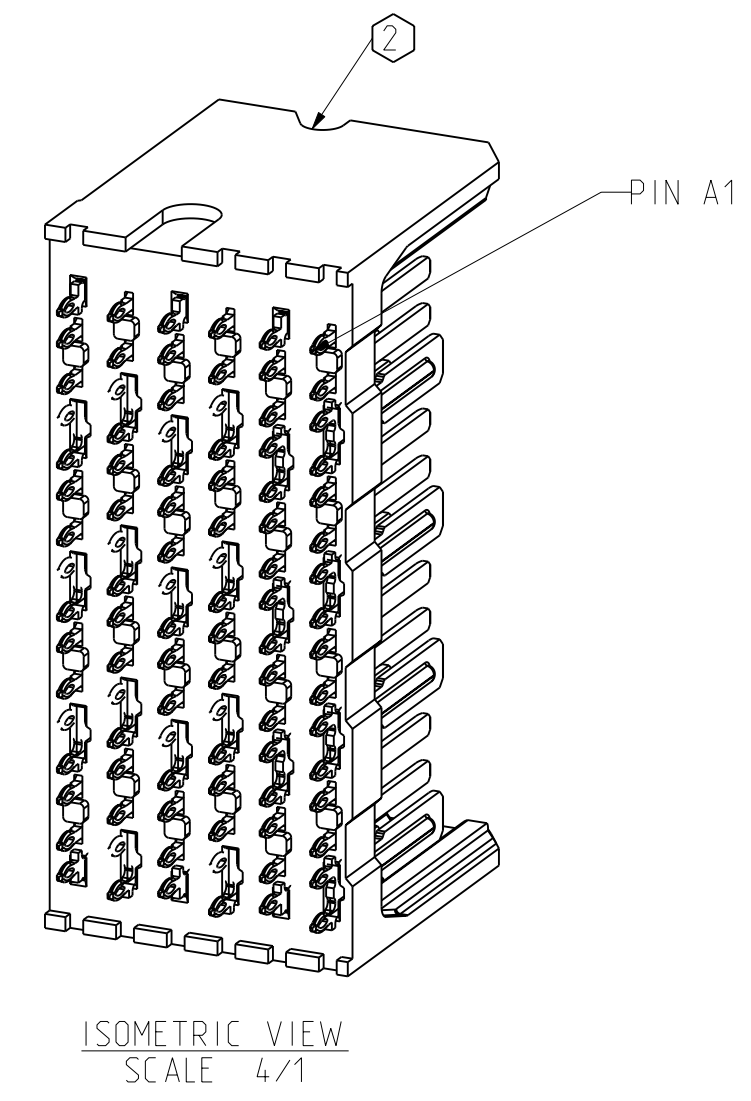
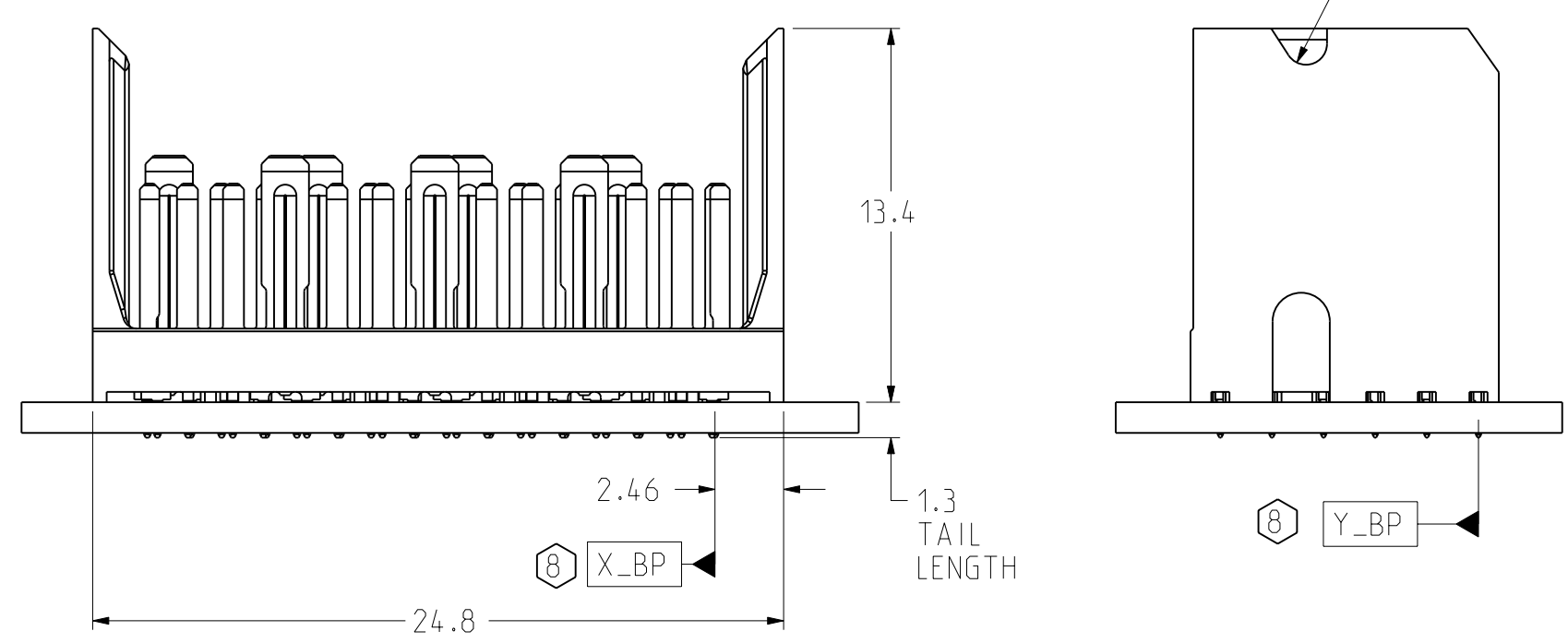
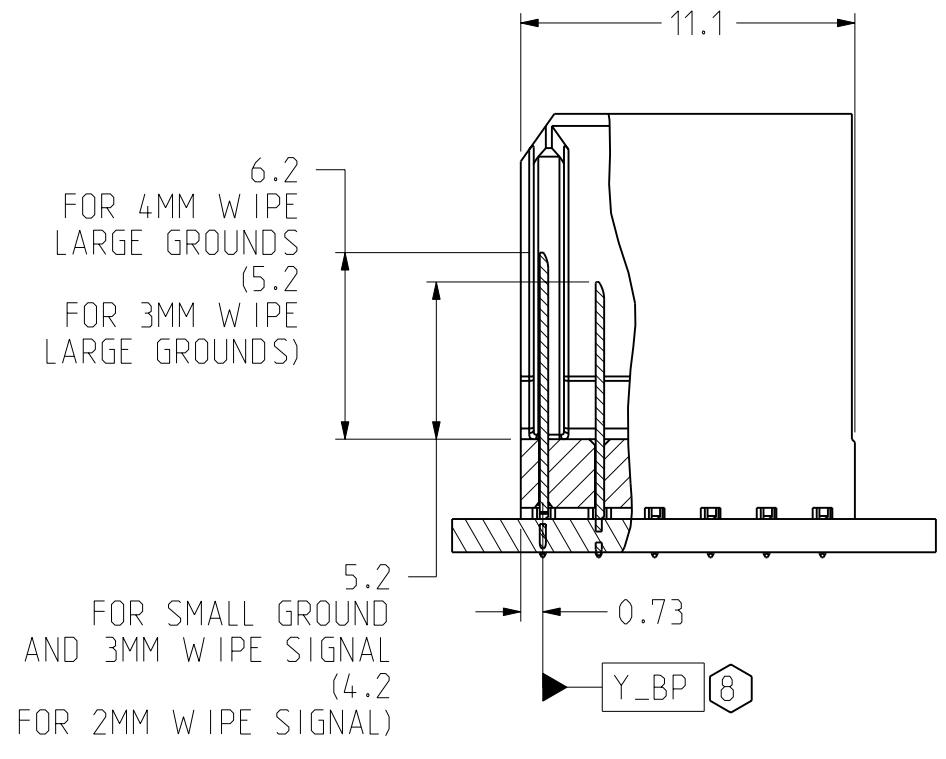
ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			

DATUMS X\_BP AND Y\_BP INTERSECT THE SIGNAL A1 VIA ON BACKPLANE

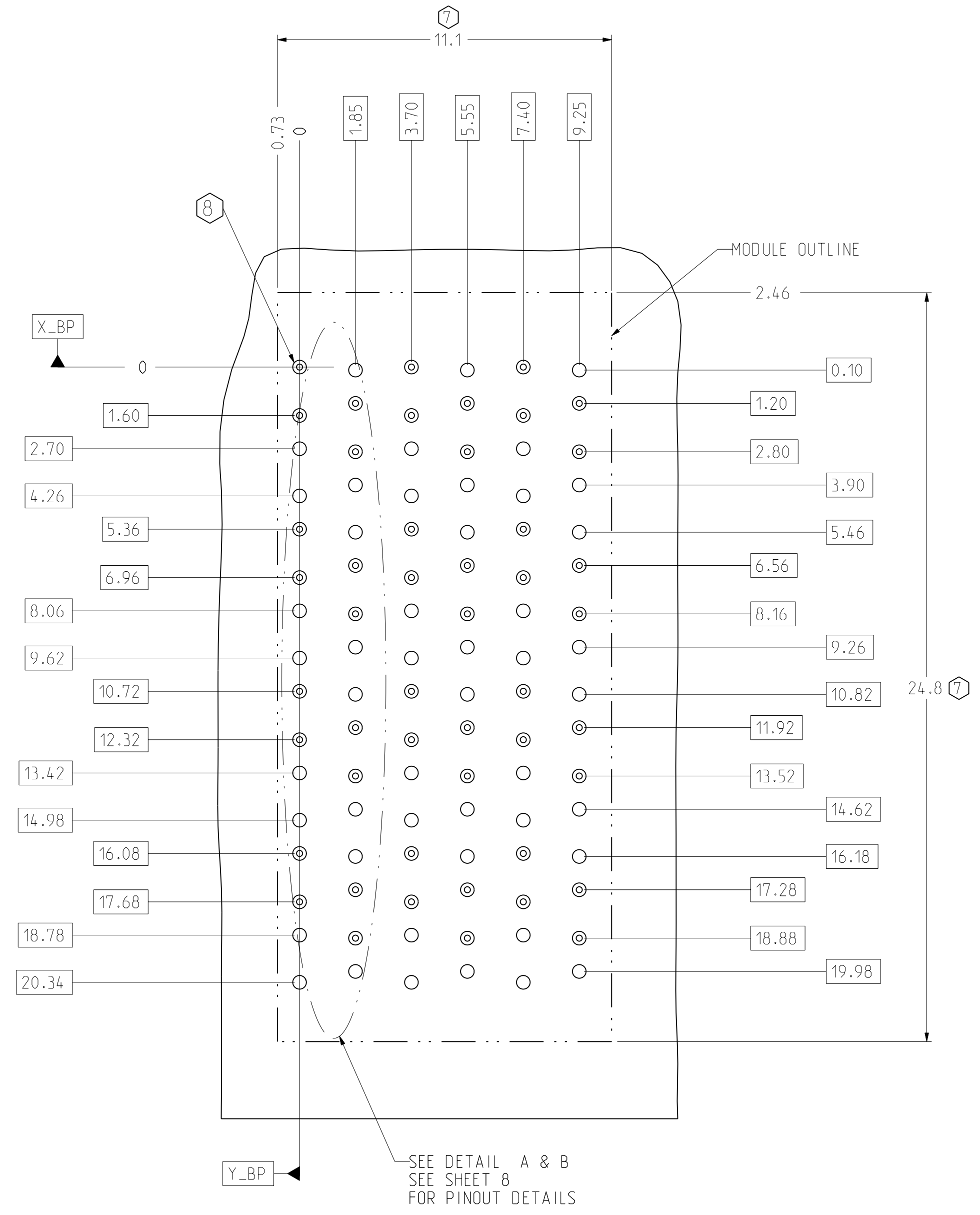


OPEN BACKPLANE MODULE DIMENSION

CONNECTOR REFERENCE SCALE 4/1



ISOMETRIC VIEW SCALE 4/1



BP HOLE PATTERN COMPONENT SIDE SCALE 8/1

OPEN BACKPLANE FOOTPRINT

TOLERANCES	DESIGN	DATE
0.0 ±0.25	LEIGHTON	10/04/2006
0.00 ±0.13	LEIGHTON	01/04/2006
0.000 ± -	A.PFAHNL	10/05/2006
ANGLES ± 3°	A.PFAHNL	10/06/2006

**Amphenol TCS**  
A Division of Amphenol Corporation  
200 Innovative Way, Nashua, NH 03062 603.879.3000

TITLE BACKPLANE MODULES, VERTICAL MALE HEADER  
XCede, 4 PAIR 6 POSITION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS PERIOD  
INTERPRET PER ASME Y14.5M  
CODE IDENT 31413

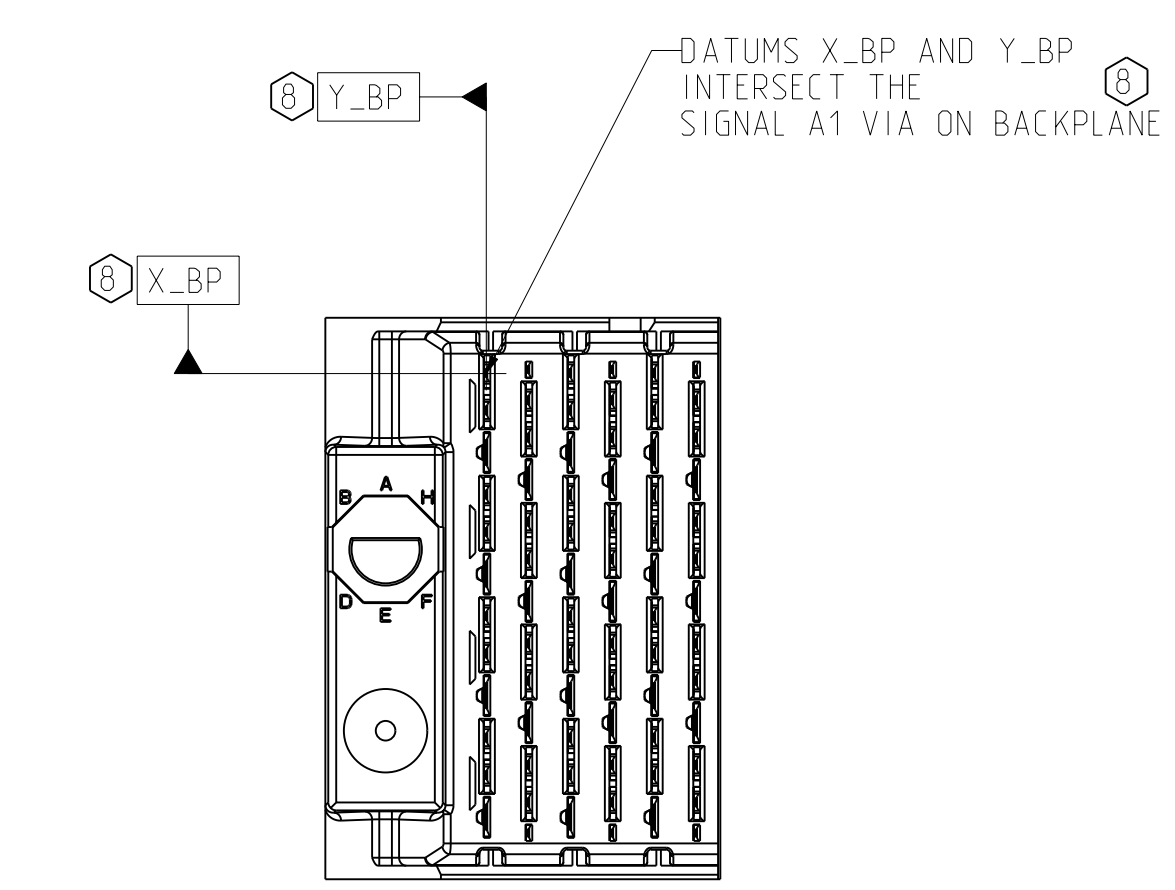
CUSTOMER USE DRAWING

PART NO.	SEE PN TREE SHEET 1	REV	N/A
DRAWING NO.	C951-400C-500	REV	B
	ProE ASSEM C951-4-BP4		14.7
	C951-400C-500.drw		B.0
SIZE	D	SCALE	4/1
		SHEET	2 OF 8

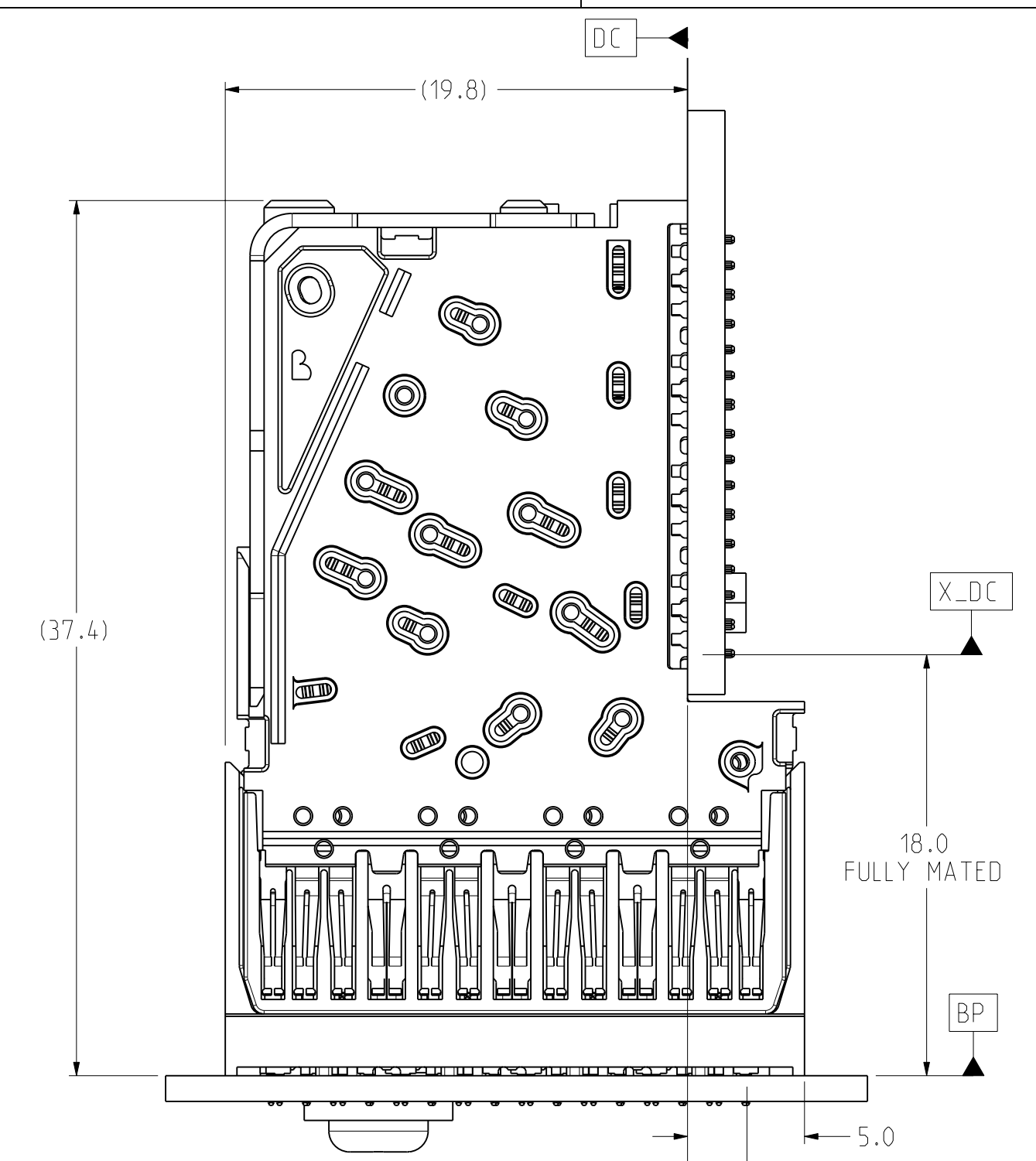
DRW NO. C951-400C-500

SH 2 REV B

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			

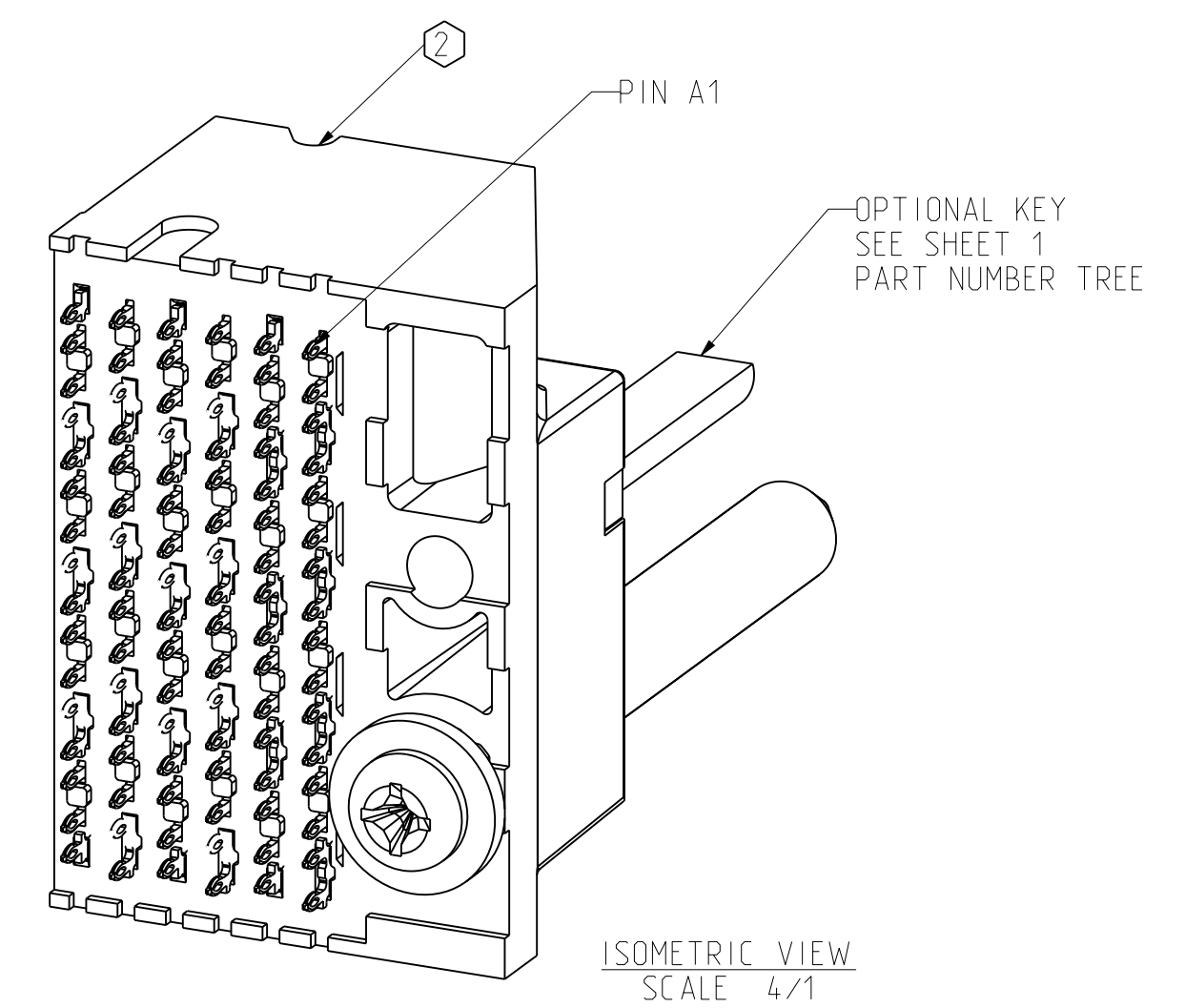
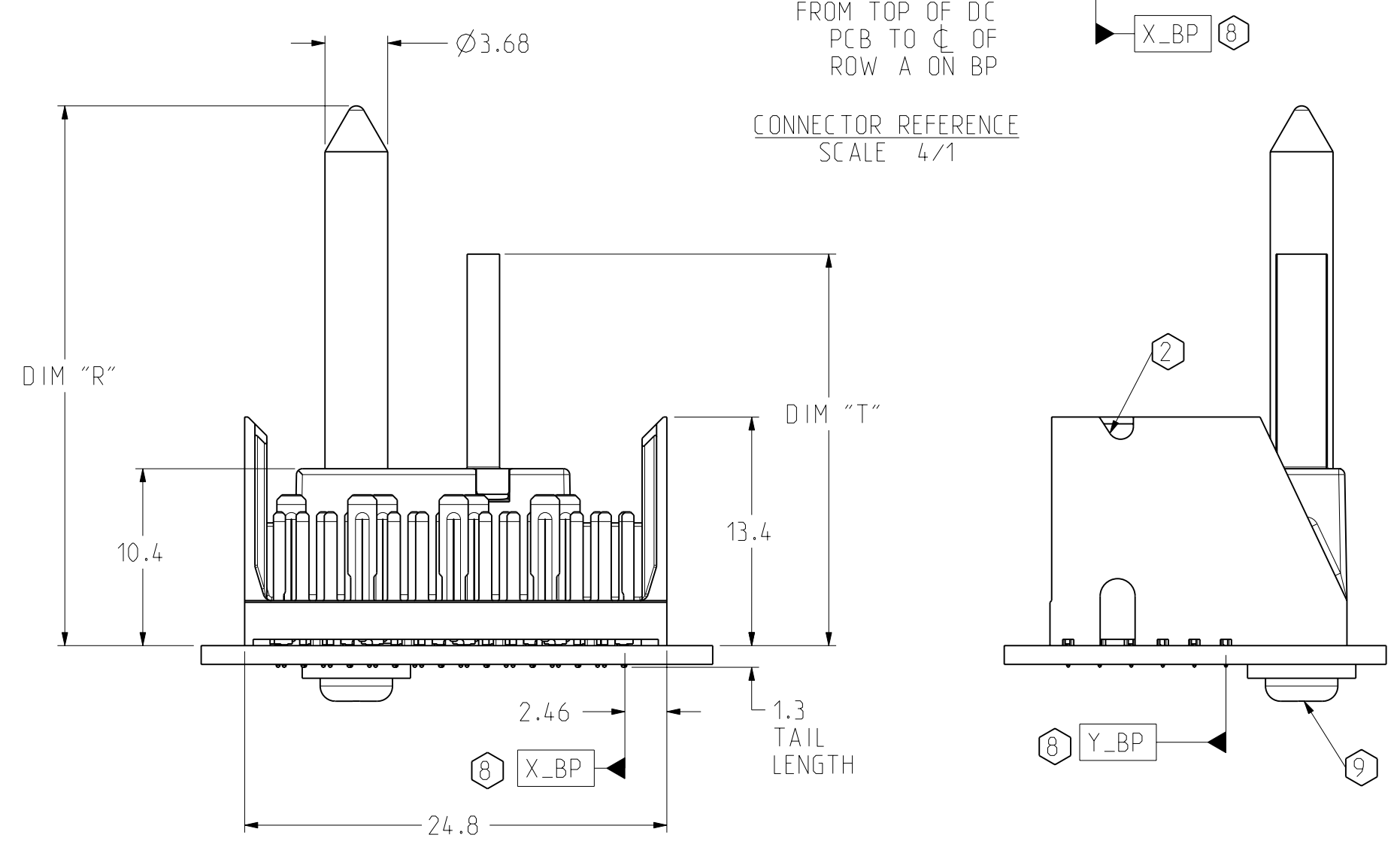
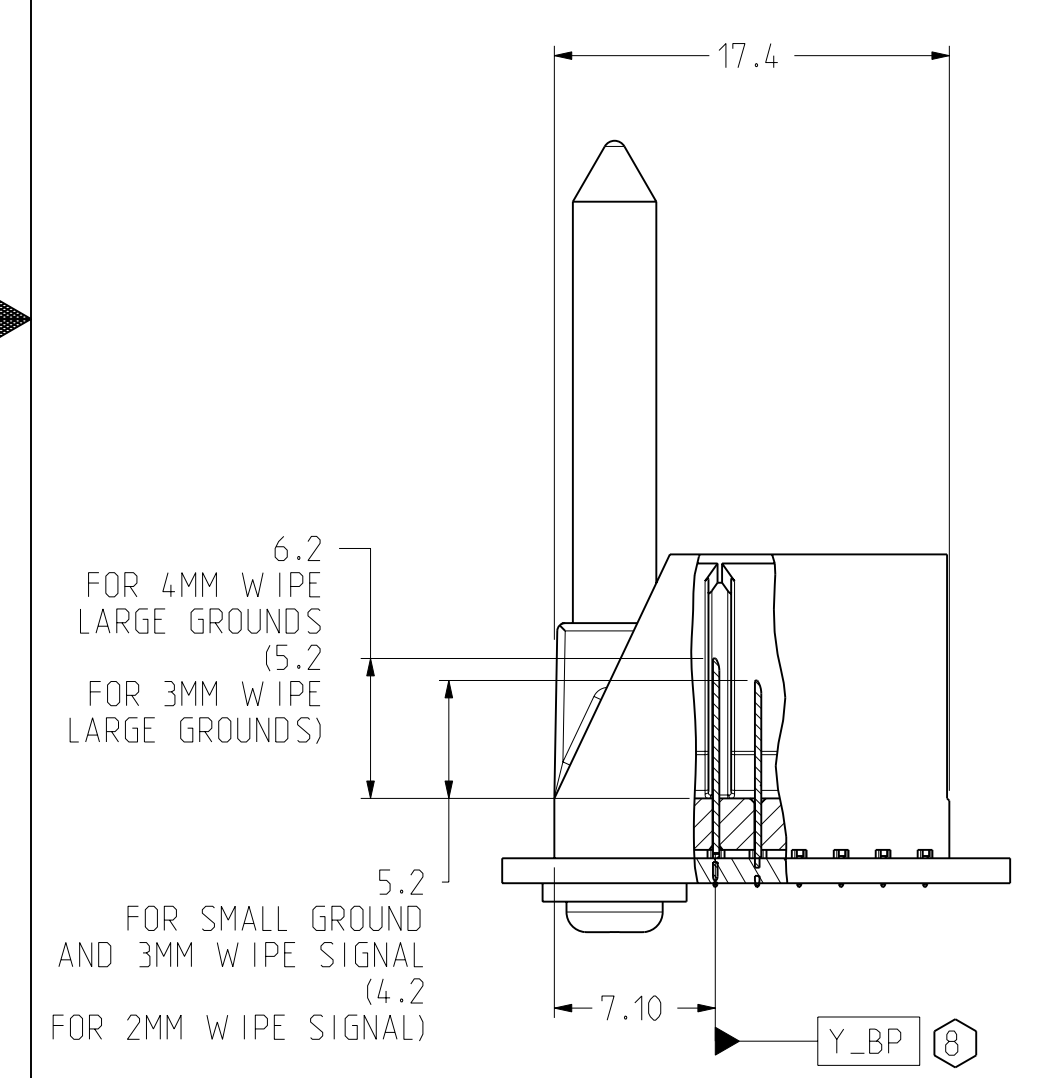


LEFT POLARIZING/GUIDE BACKPLANE MODULE DIMENSION

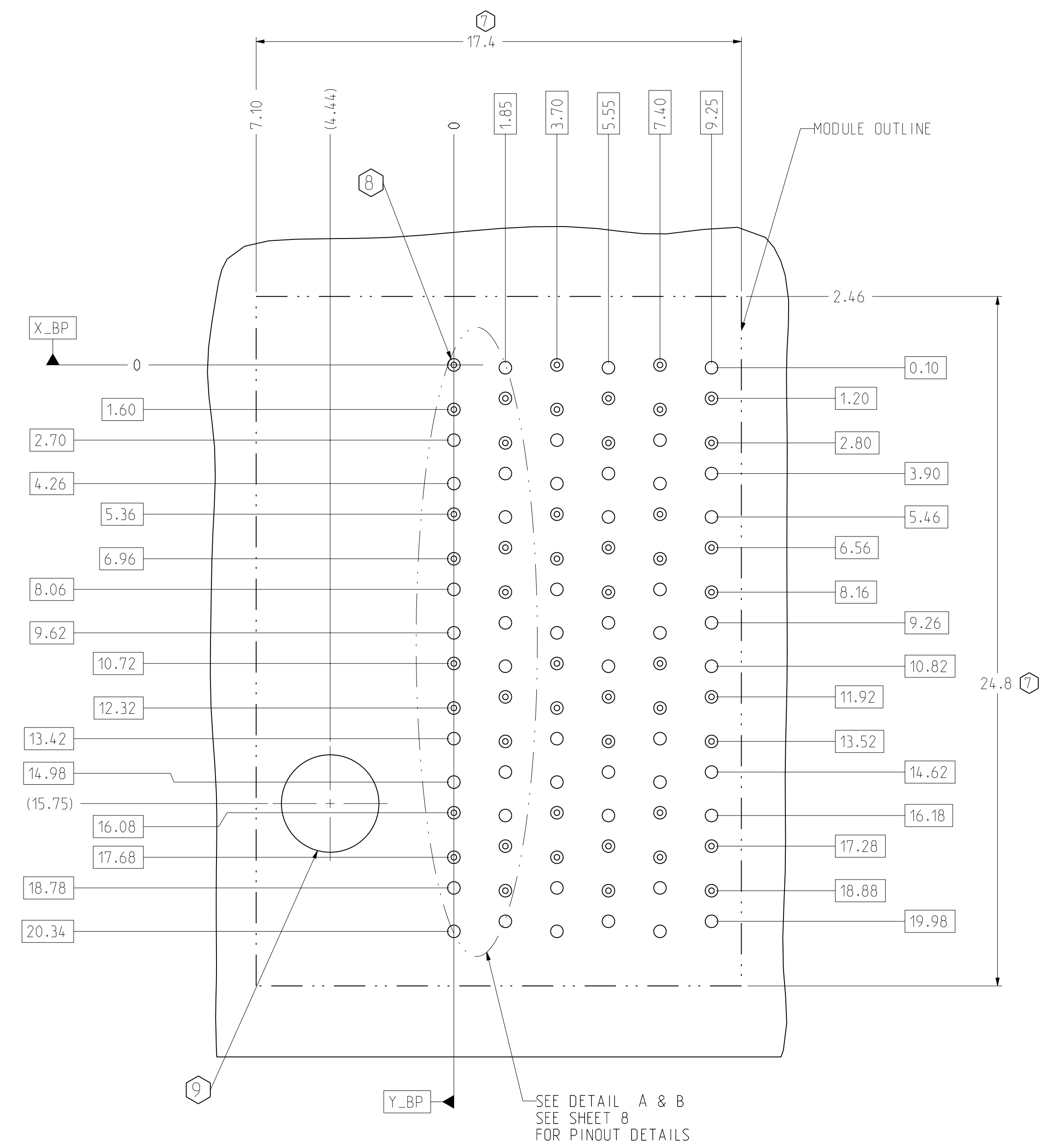


2.54 FROM TOP OF DC PCB TO C OF ROW A ON BP

CONNECTOR REFERENCE SCALE 4/1



PART NUMBER	DIM "R"	DIM "T"
951-4X0C-X 0 X 951-4X0C-X 1 X	31.6	23.0
951-4X0C-X 4 X 951-4X0C-X 5 X	25.7	20.2



BP HOLE PATTERN COMPONENT SIDE SCALE 8/1

LEFT POLARIZING/GUIDE BACKPLANE FOOTPRINT

TOLERANCES	DESIGN 10/04/2006 LEIGHTON	<b>Amphenol TCS</b> A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03062 603.879.3000	TITLE	BACKPLANE MODULES, VERTICAL MALE HEADER	
0.0 ±0.25	DRAWN 01/04/2006 LEIGHTON		XCede, 4 PAIR 6 POSITION	PART NO.	SEE PN TREE SHEET 1
0.00 ±0.13	CHK 10/05/2006 A.PFAHNL		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS PERIOD	DRAWING NO.	C951-400C-500
0.000 ± -	APVD 10/06/2006 A.PFAHNL		ProE ASSEM C951-4-BP4	SIZE	D
ANGLES ± 3°			SCALE	4/1	
				SHEET 3 OF 8	

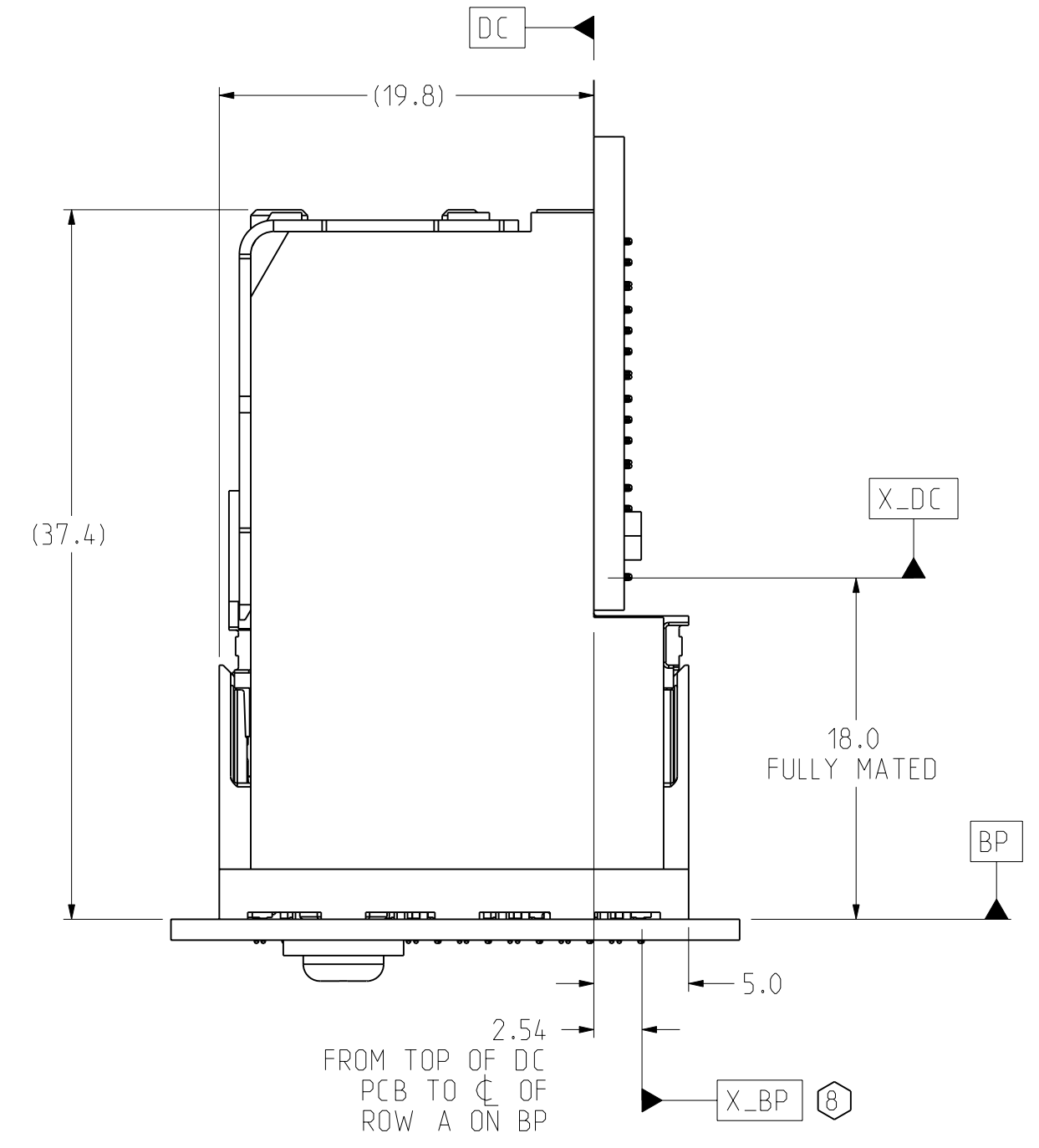
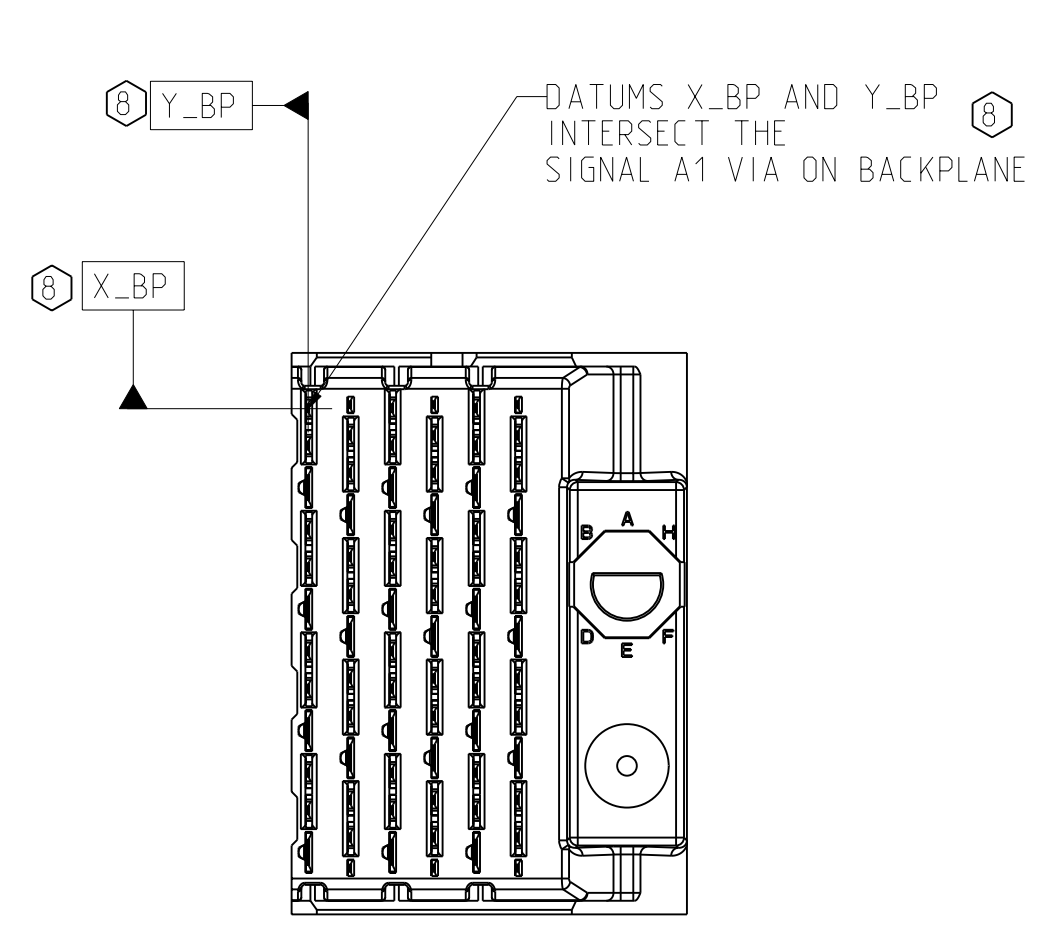
INTERPRET PER ASME Y14.5M  
CODE IDENT 31413

CUSTOMER USE DRAWING

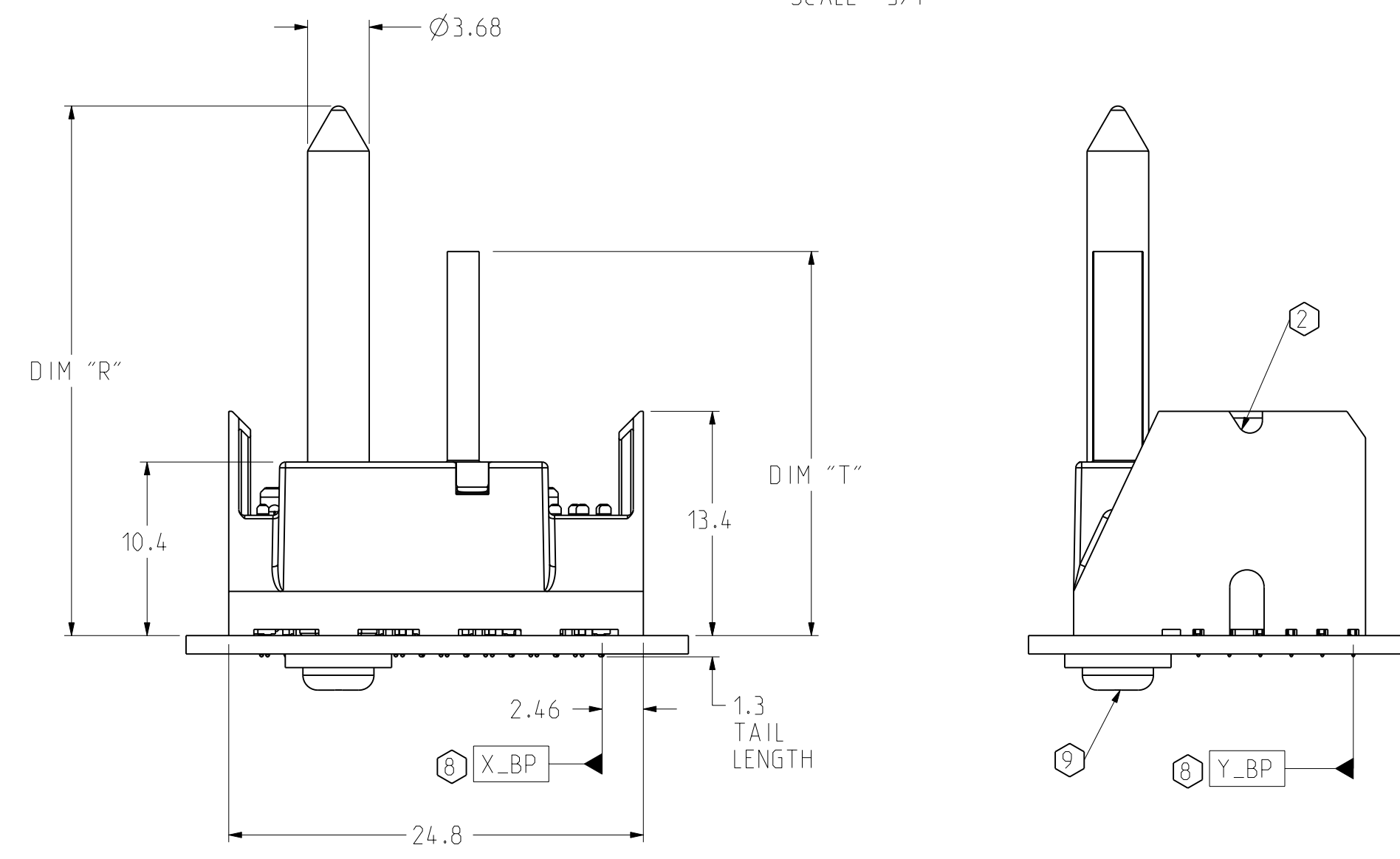
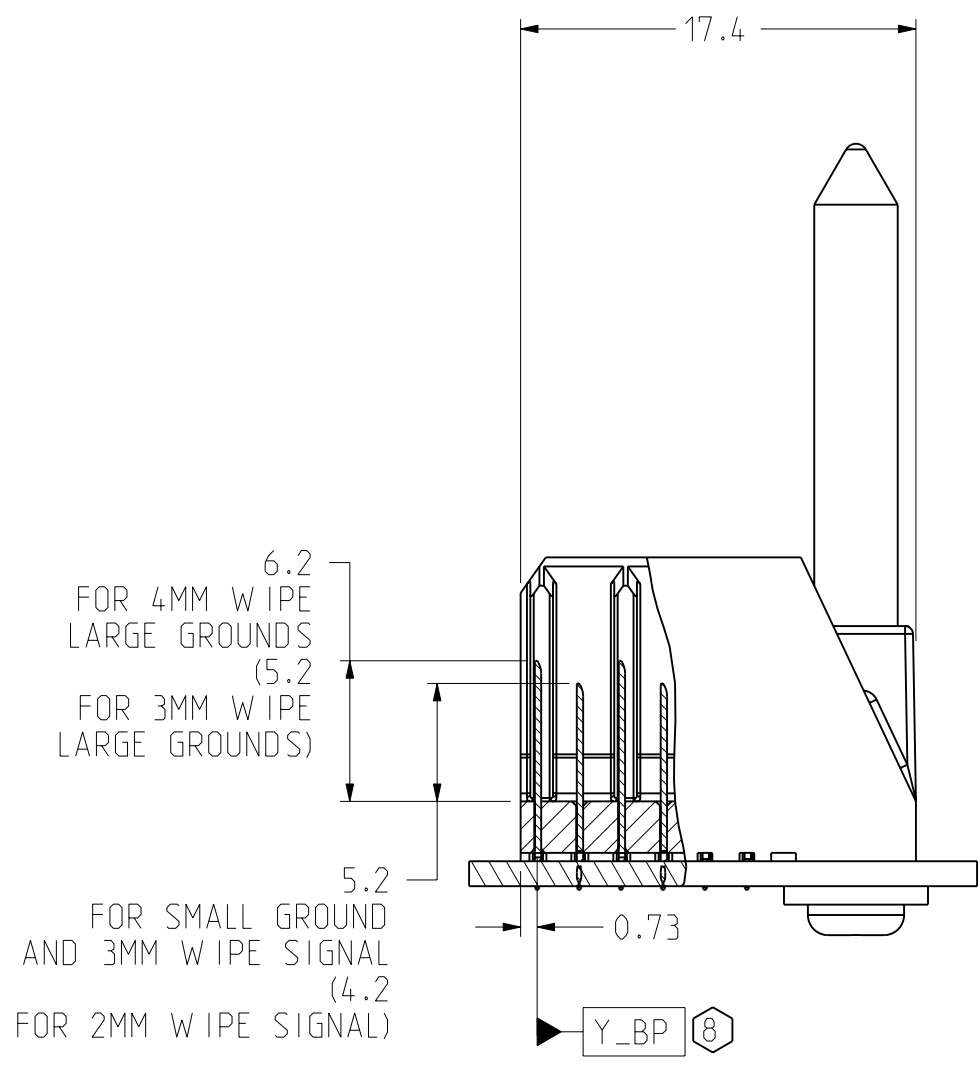
DRW NO. C951-400C-500

SH 3 REV B

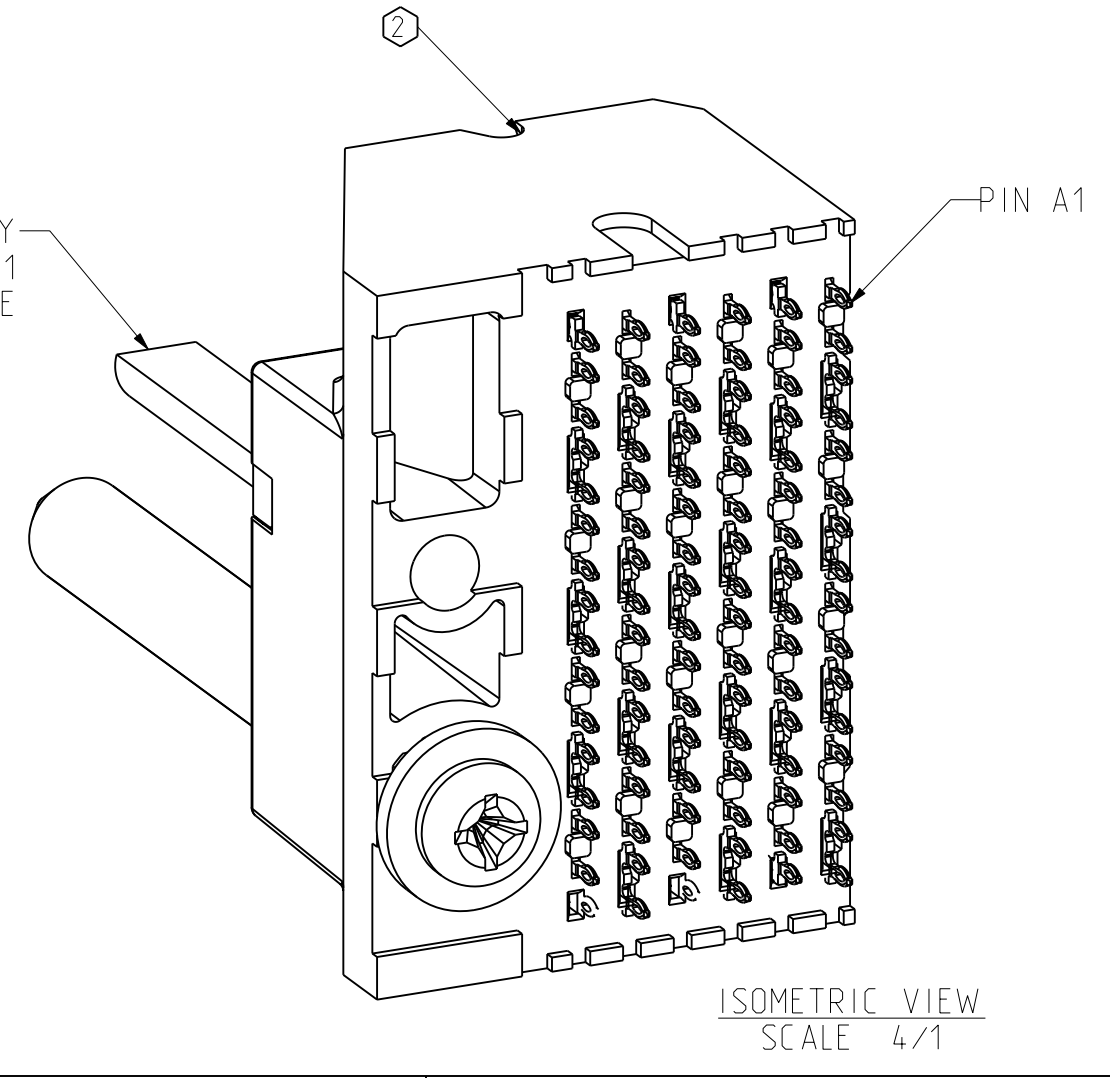
RIGHT POLARIZING/GUIDE  
BACKPLANE MODULE DIMENSION



CONNECTOR REFERENCE  
SCALE 3/1

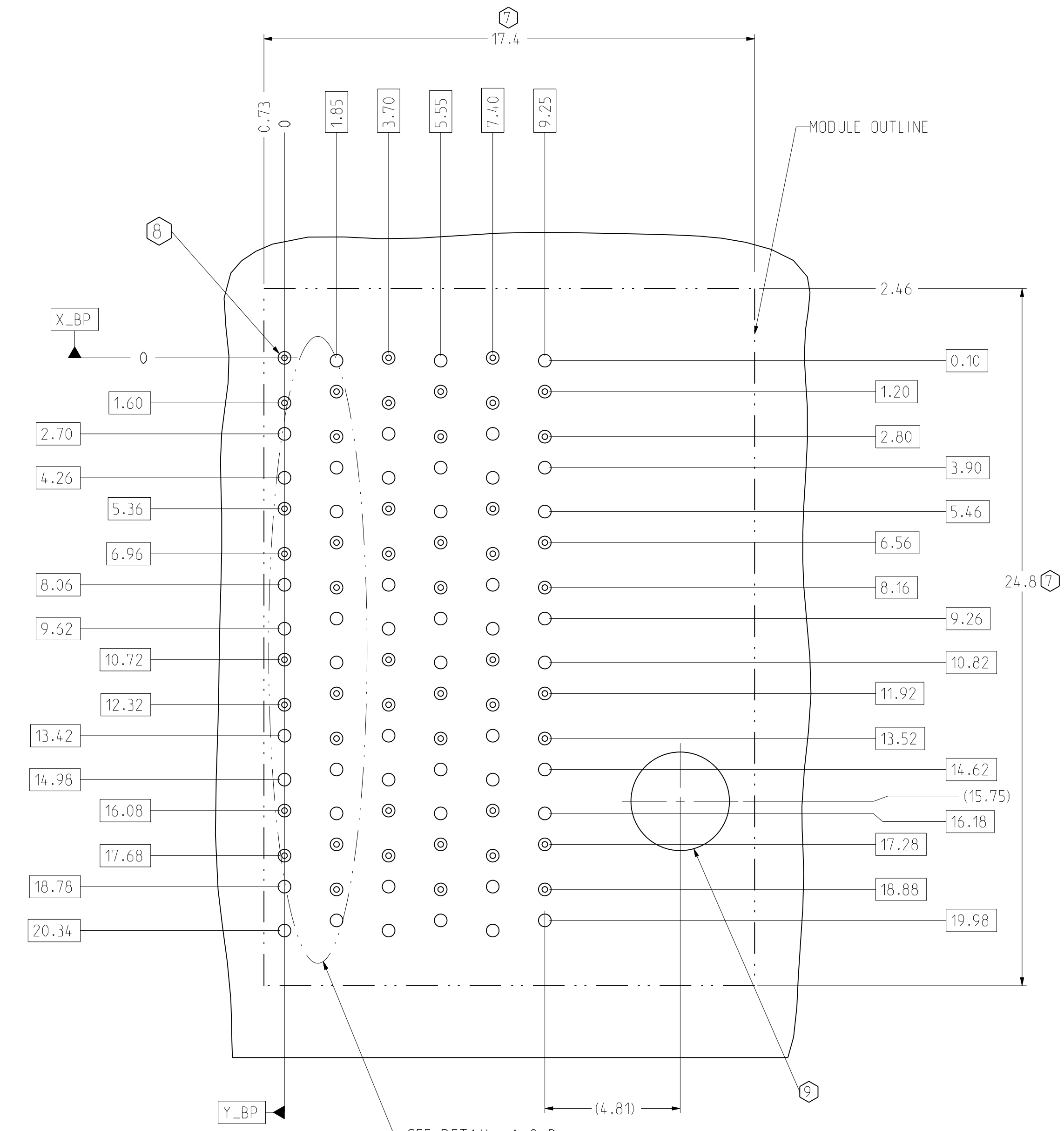


OPTIONAL KEY -  
SEE SHEET 1  
PART NUMBER TREE



ISOMETRIC VIEW  
SCALE 4/1

PART NUMBER	DIM "R"	DIM "T"
951-4X0C-X 0 X 951-4X0C-X 1 X	31.6	23.0
951-4X0C-X 4 X 951-4X0C-X 5 X	25.7	20.2



SEE DETAIL A & B  
SEE SHEET 8  
FOR PINOUT DETAILS

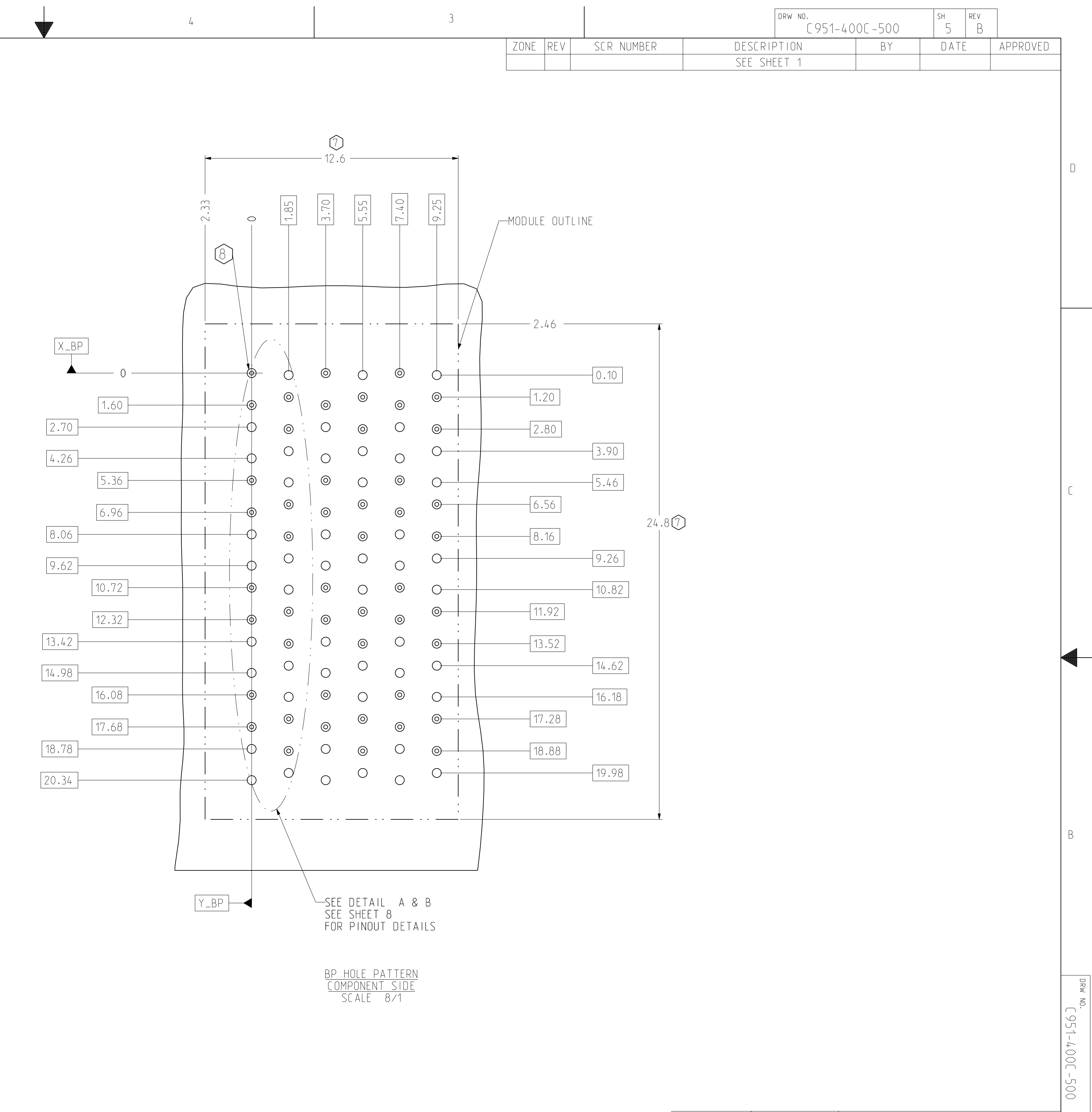
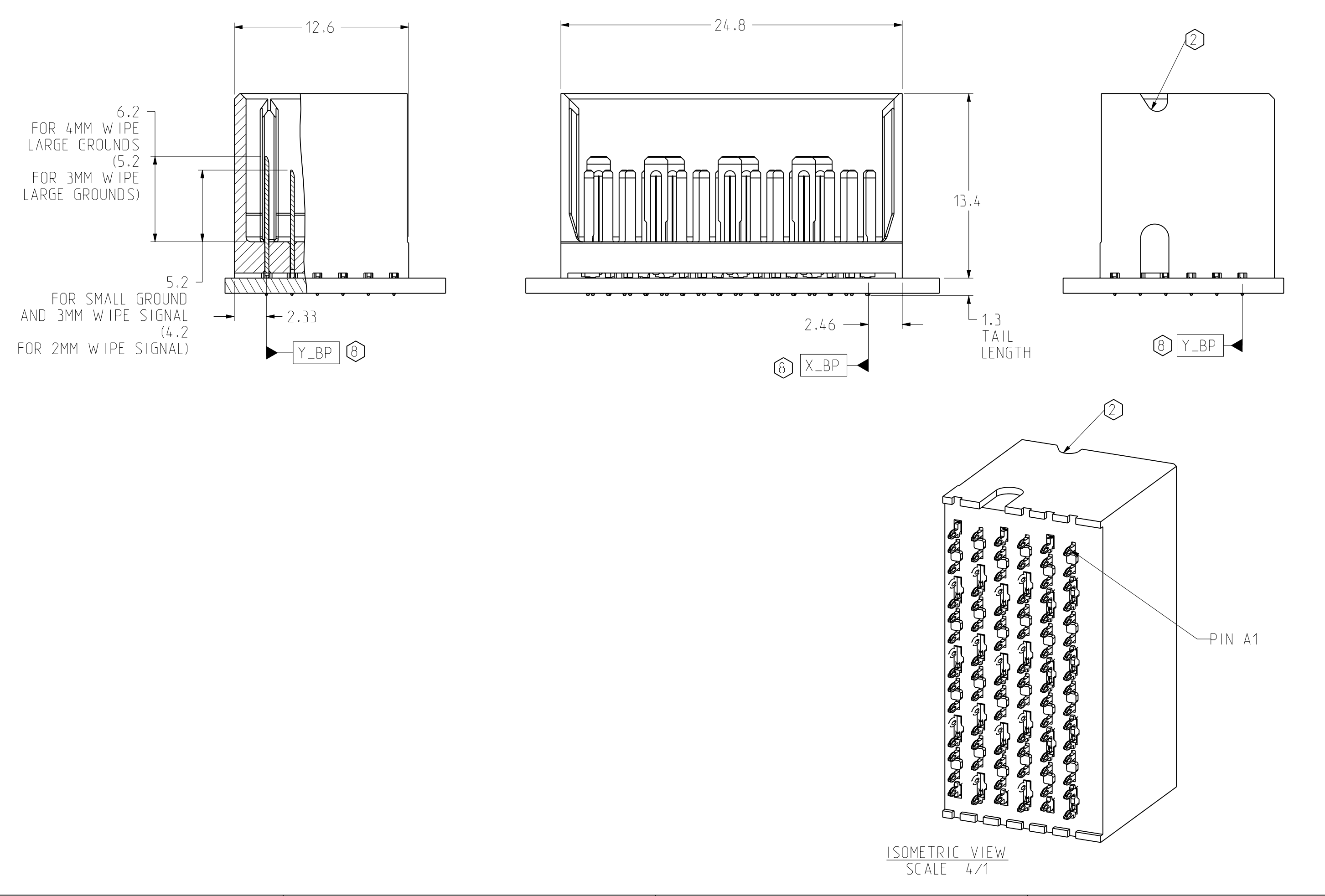
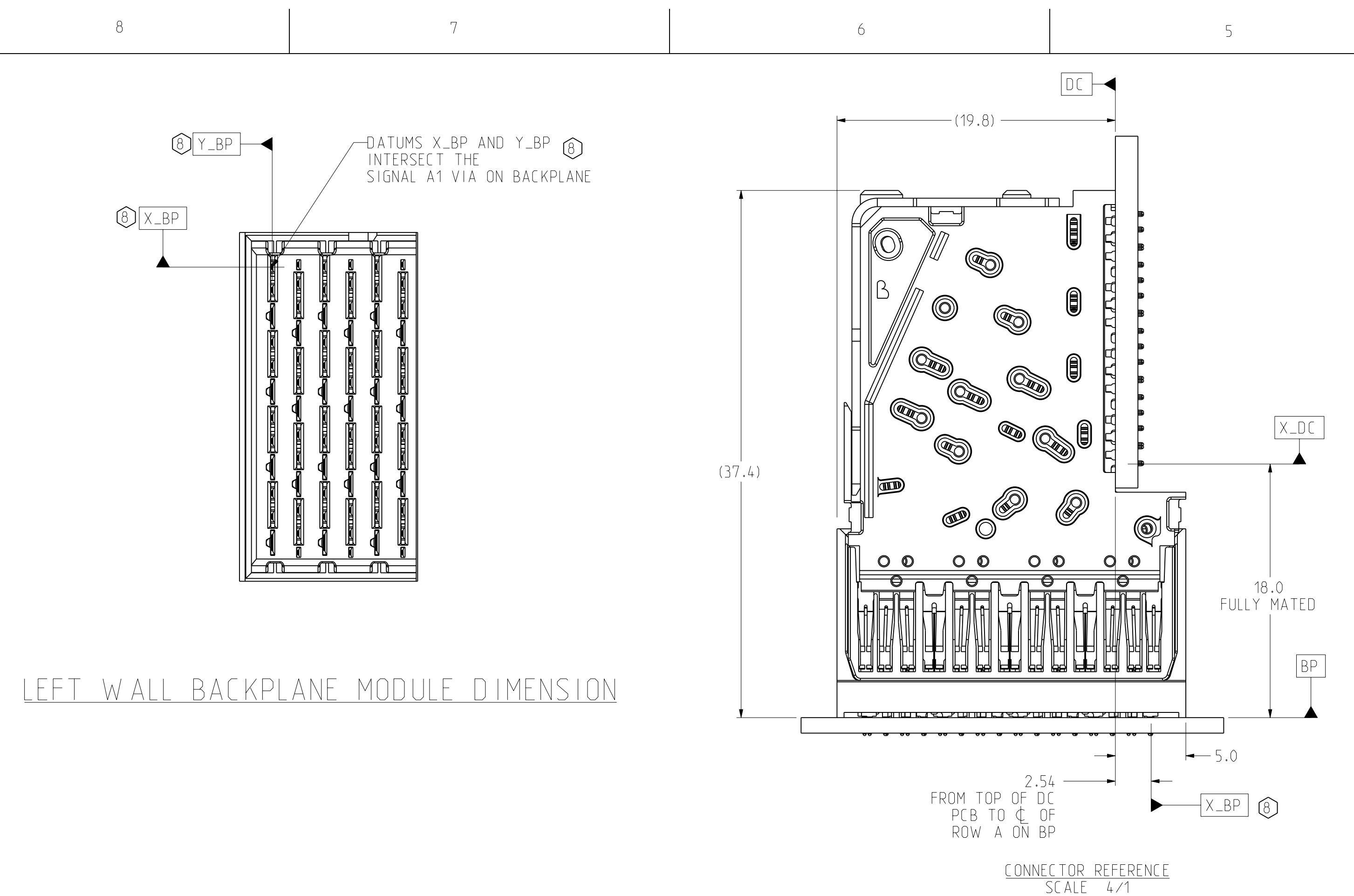
BP HOLE PATTERN  
COMPONENT SIDE  
SCALE 8/1

RIGHT POLARIZING/GUIDE  
BACKPLANE FOOTPRINT

TOLERANCES	DESIGN 10/04/2006 LEIGHTON	<b>Amphenol TCS</b> A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03062 603.879.3000	TITLE	BACKPLANE MODULES, VERTICAL MALE HEADER XCede, 4 PAIR 6 POSITION
0.0 ±0.25	DRAWN 01/04/2006 LEIGHTON		PART NO.	SEE PN TREE SHEET 1
0.00 ±0.13	CHK 10/05/2006 A.PFAHNL		DRAWING NO.	C951-400C-500
0.000 ± -	APVD 10/06/2006 A.PFAHNL		PROJ ASSEM	C951-4-BP4 C951-400C-500.drw
ANGLES ± 3°	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS PERIOD		SIZE	D SCALE 3/1 SHEET 4 OF 8
 INTERPRET PER ASME Y14.5M CODE IDENT 31413		<b>CUSTOMER USE DRAWING</b>		REV N/A REV B 14.7 B.O

DRAWING NO. C951-400C-500

SH 4  
REV B



LEFT WALL BACKPLANE FOOTPRINT

TOLERANCES		DESIGN 10/04/2006 LEIGHTON	<b>Amphenol TCS</b> A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03062 603.879.3000	TITLE	BACKPLANE MODULES, VERTICAL MALE HEADER XCede, 4 PAIR 6 POSITION	
0.0	±0.25	DRAWN 01/04/2006 LEIGHTON		PART NO.	SEE PN TREE SHEET 1	REV N/A
0.00	±0.13	CHK 10/05/2006 A.PFAHNL		DRAWING NO.	C951-400C-500	REV B
0.000	± -	APVD 10/06/2006 A.PFAHNL		PROJ ASSEM	C951-4-BP4 C951-400C-500.drw	14.7 B.O
ANGLES ± 3°		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS PERIOD		SIZE D	SCALE 4/1	SHEET 5 OF 8

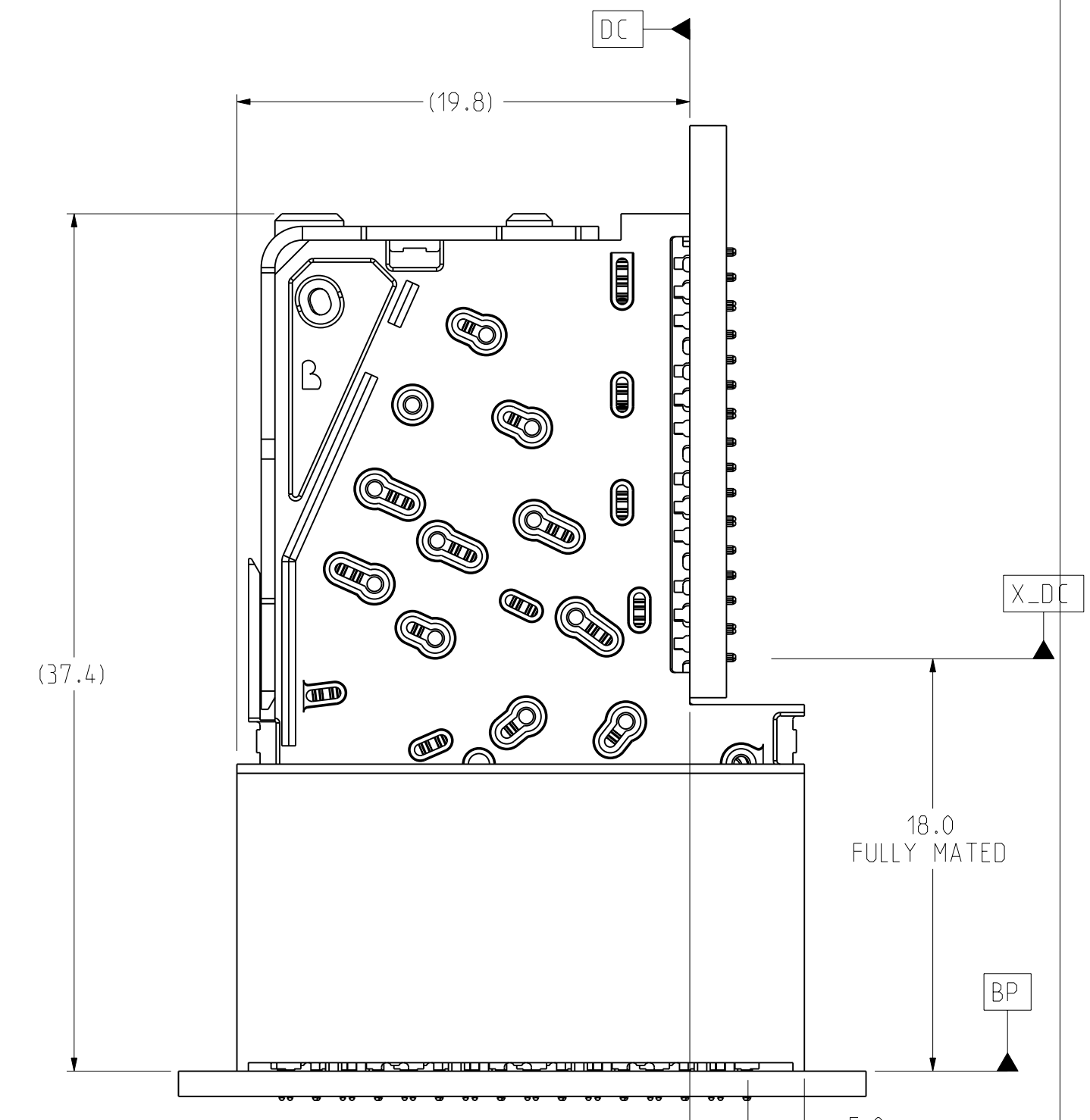
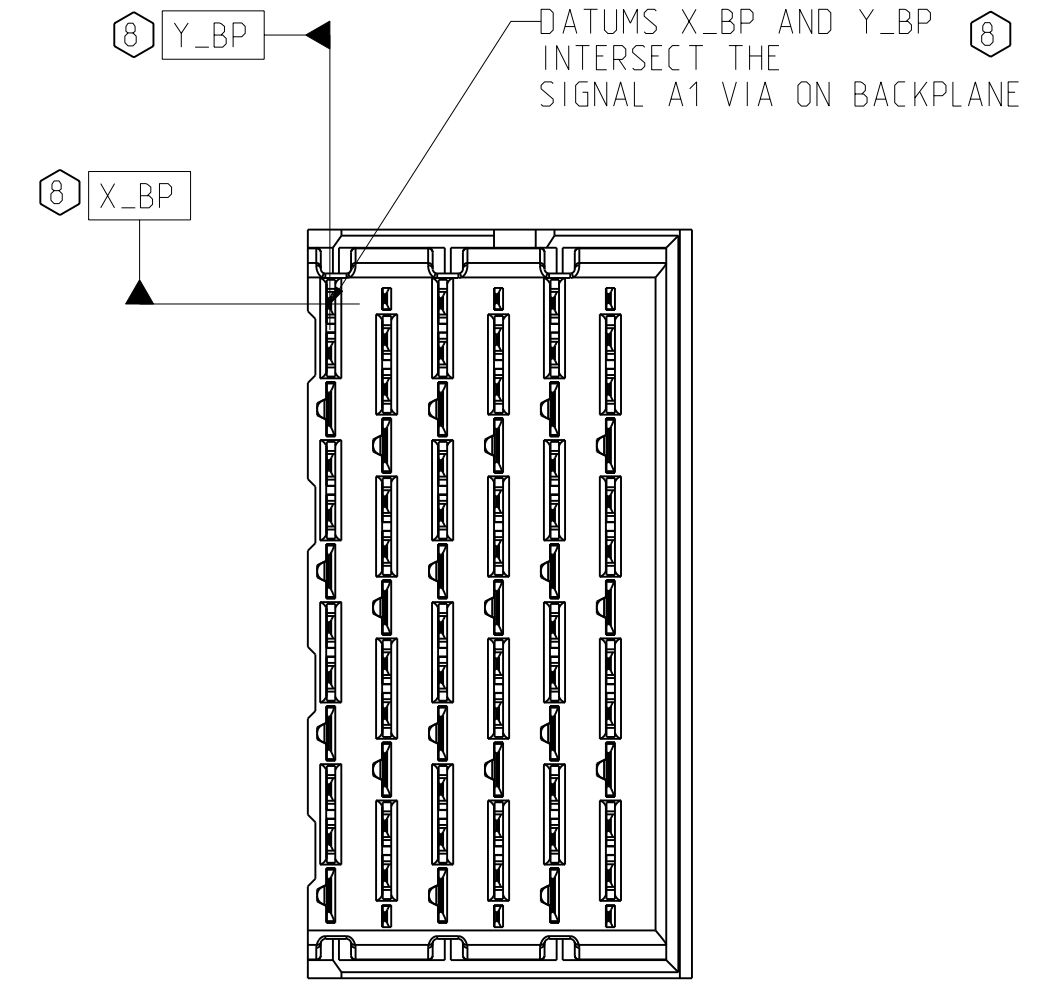
INTERPRET PER ASME Y14.5M  
CODE IDENT 31413

CUSTOMER USE  
DRAWING

DRW NO. C951-400C-500  
SH 5  
REV B

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			

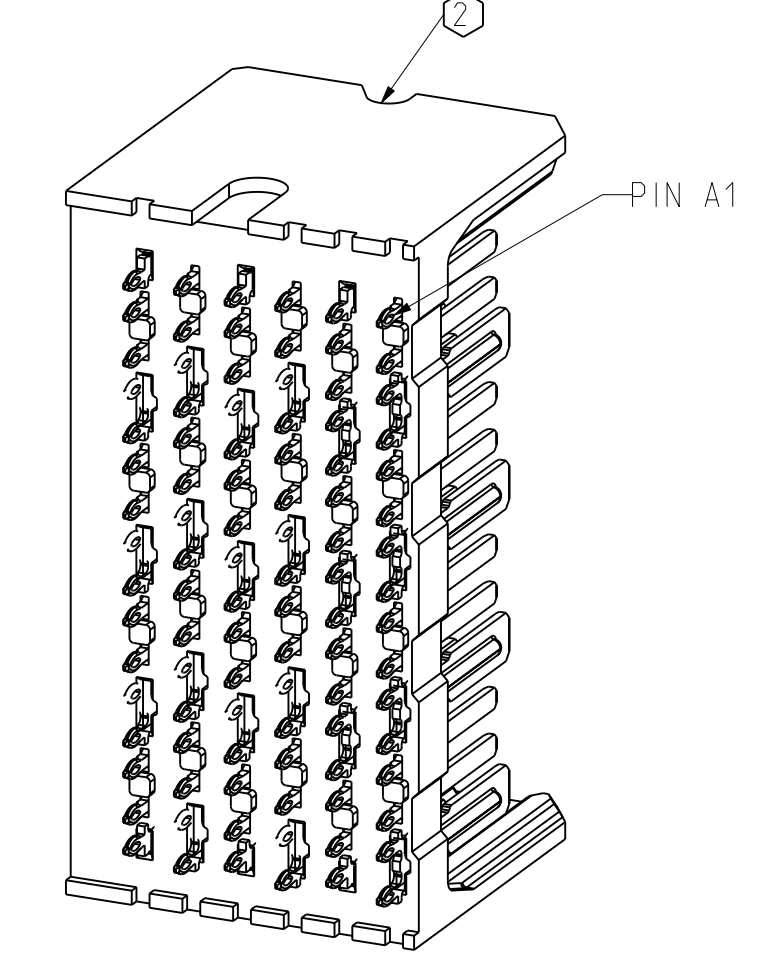
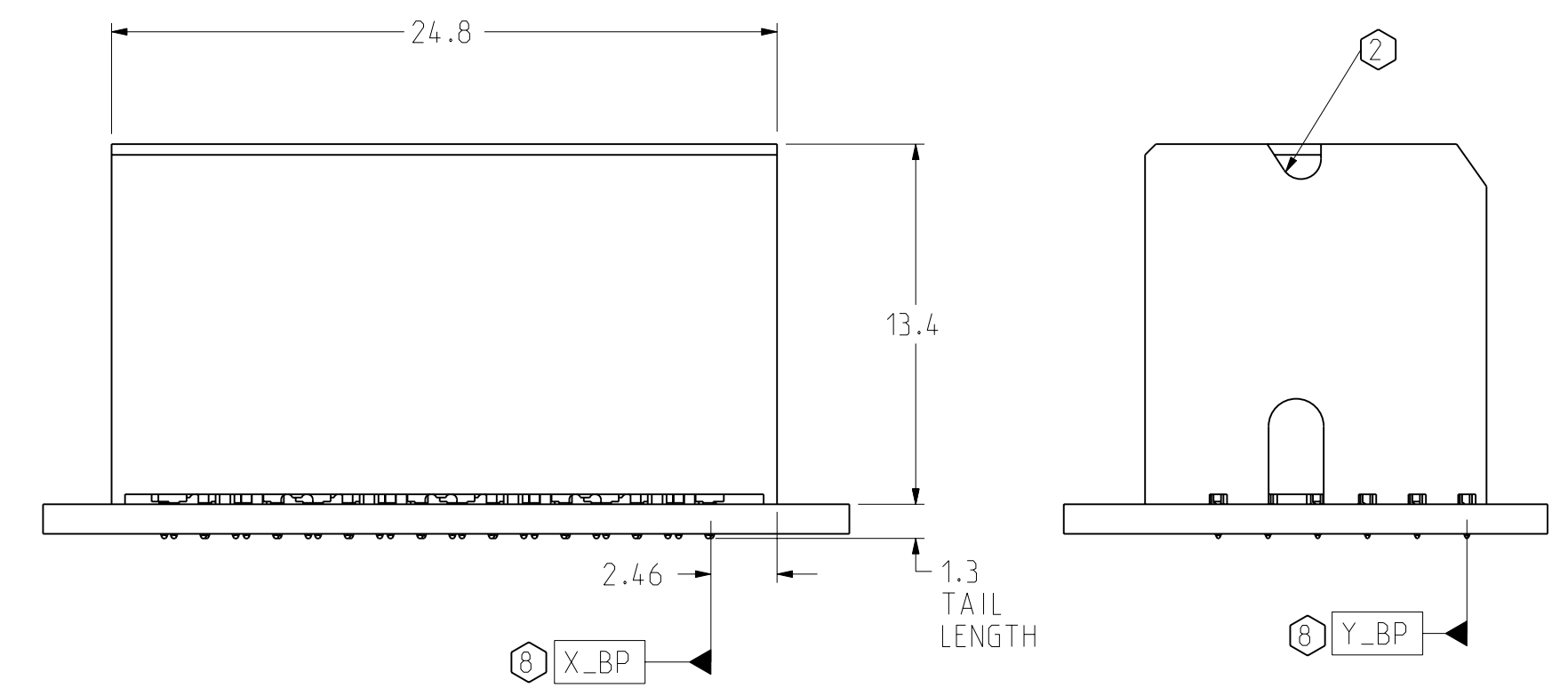
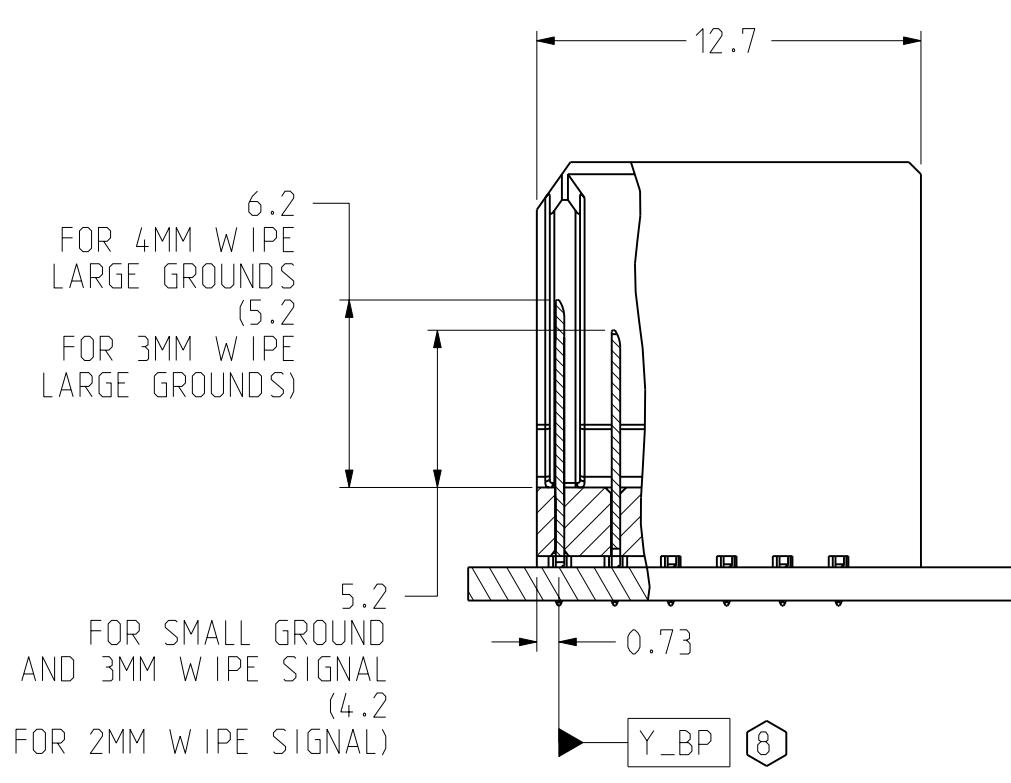
DATUMS X\_BP AND Y\_BP INTERSECT THE SIGNAL A1 VIA ON BACKPLANE



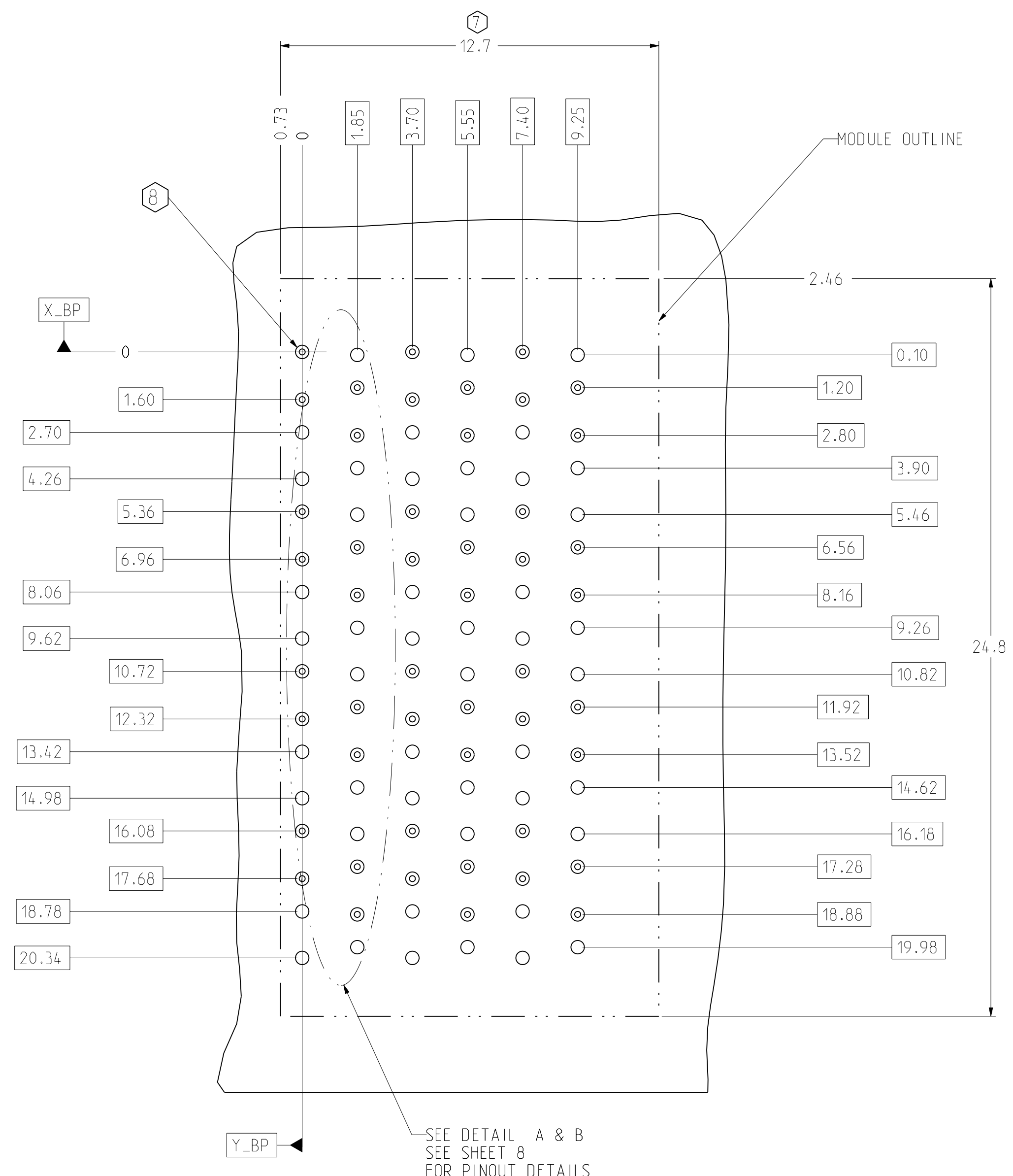
2.54 FROM TOP OF DC PCB TO C OF ROW A ON BP

CONNECTOR REFERENCE SCALE 4/1

RIGHT WALL BACKPLANE MODULE DIMENSION



ISOMETRIC VIEW SCALE 4/1



SEE DETAIL A & B SEE SHEET 8 FOR PINOUT DETAILS

BP HOLE PATTERN COMPONENT SIDE SCALE 8/1

RIGHT WALL BACKPLANE FOOTPRINT

TOLERANCES		DESIGN	10/04/2006	LEIGHTON	
0.0	±0.25	DRAWN	01/04/2006	LEIGHTON	
0.00	±0.13	CHK	10/05/2006	A.PFAHNL	
0.000	± -	APVD	10/06/2006	A.PFAHNL	
ANGLES	± 3°	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM, DECIMAL MARKER IS PERIOD			

<b>Amphenol TCS</b> A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03062 603.879.3000		TITLE	BACKPLANE MODULES, VERTICAL MALE HEADER XCede, 4 PAIR 6 POSITION
PART NO.	SEE PN TREE SHEET 1	REV	N/A
DRAWING NO.	C951-400C-500	REV	B
SIZE	D	SCALE	4/1
SHEET 6 OF 8		14.7	B.O

INTERPRET PER ASME Y14.5M  
CODE IDENT 31413

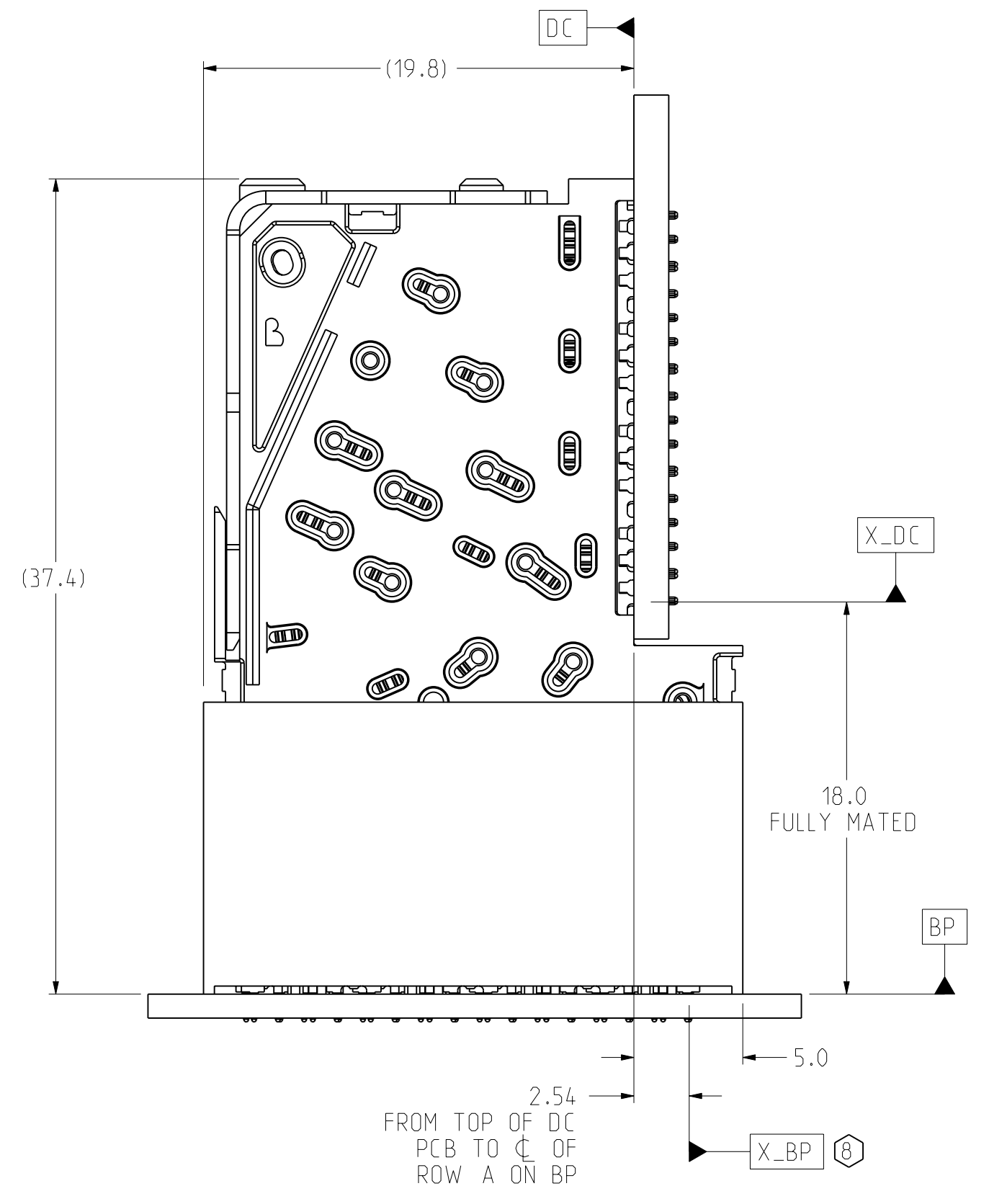
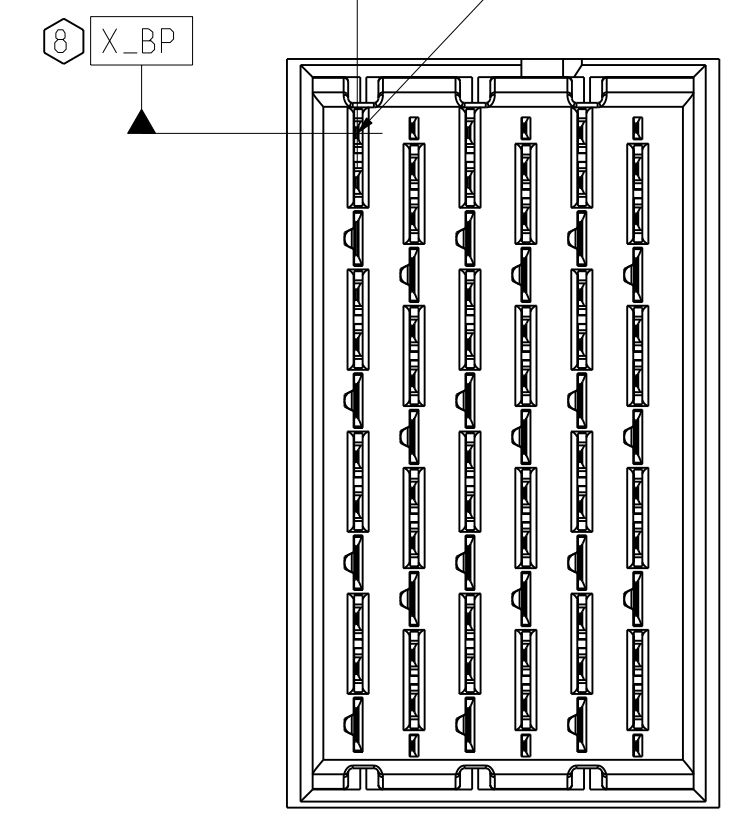
CUSTOMER USE DRAWING

DRW NO. C951-400C-500

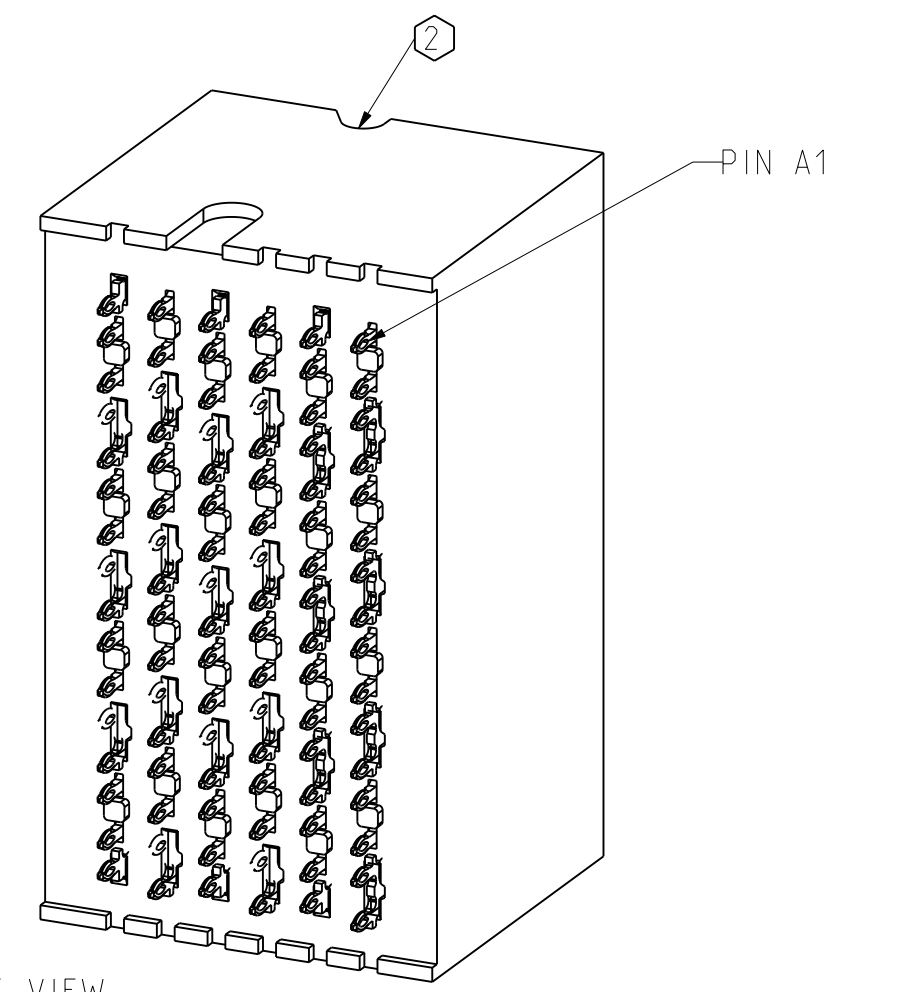
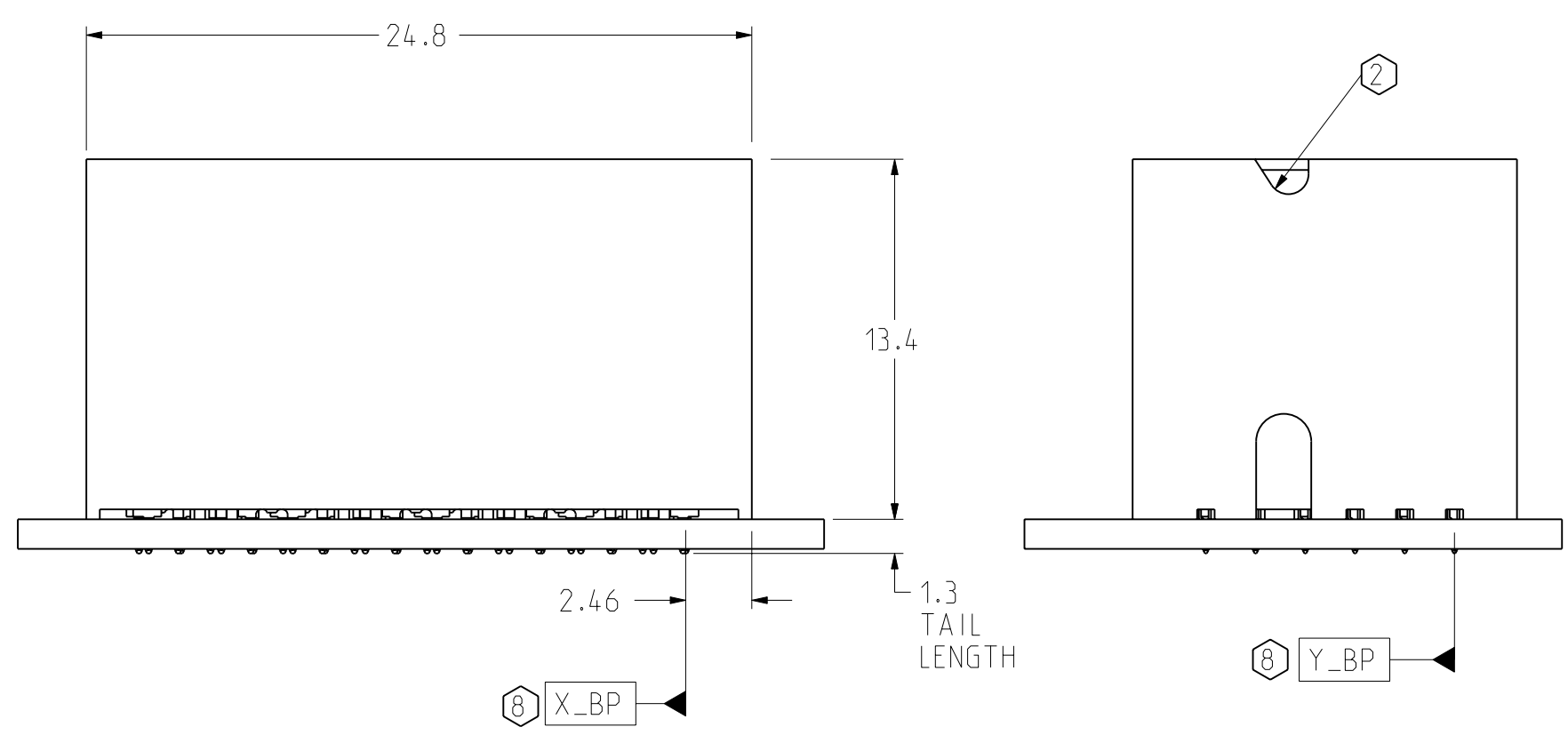
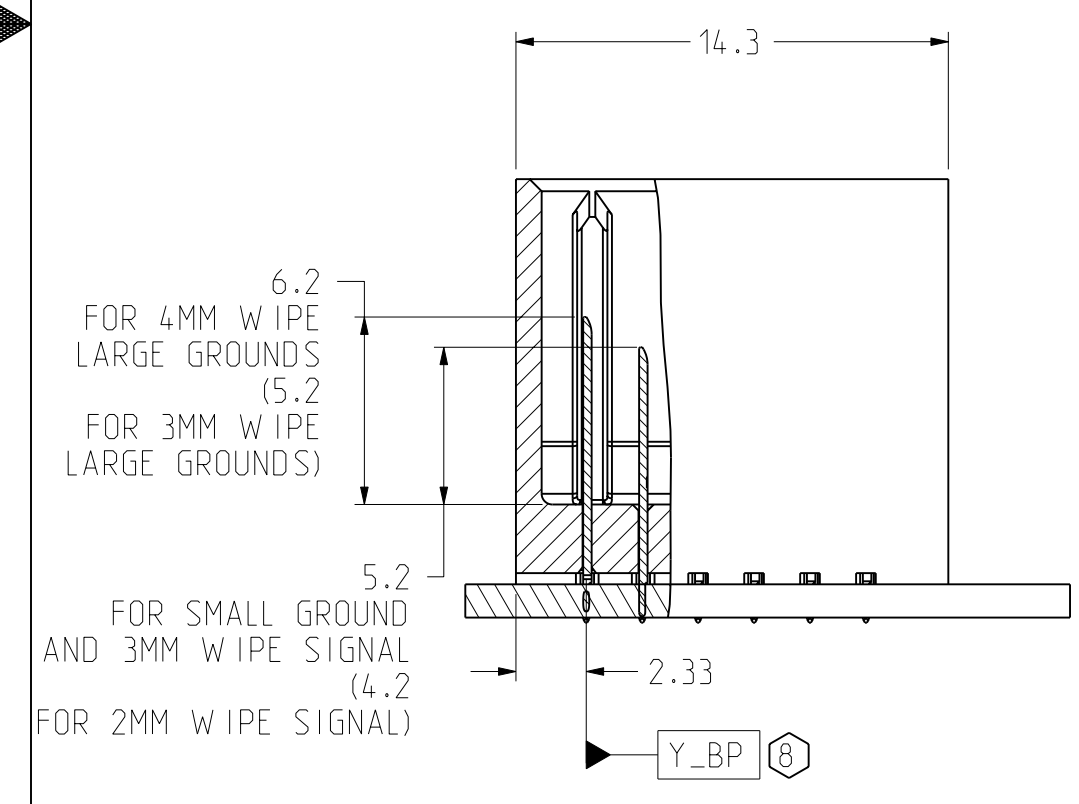
SH 6 REV B

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			

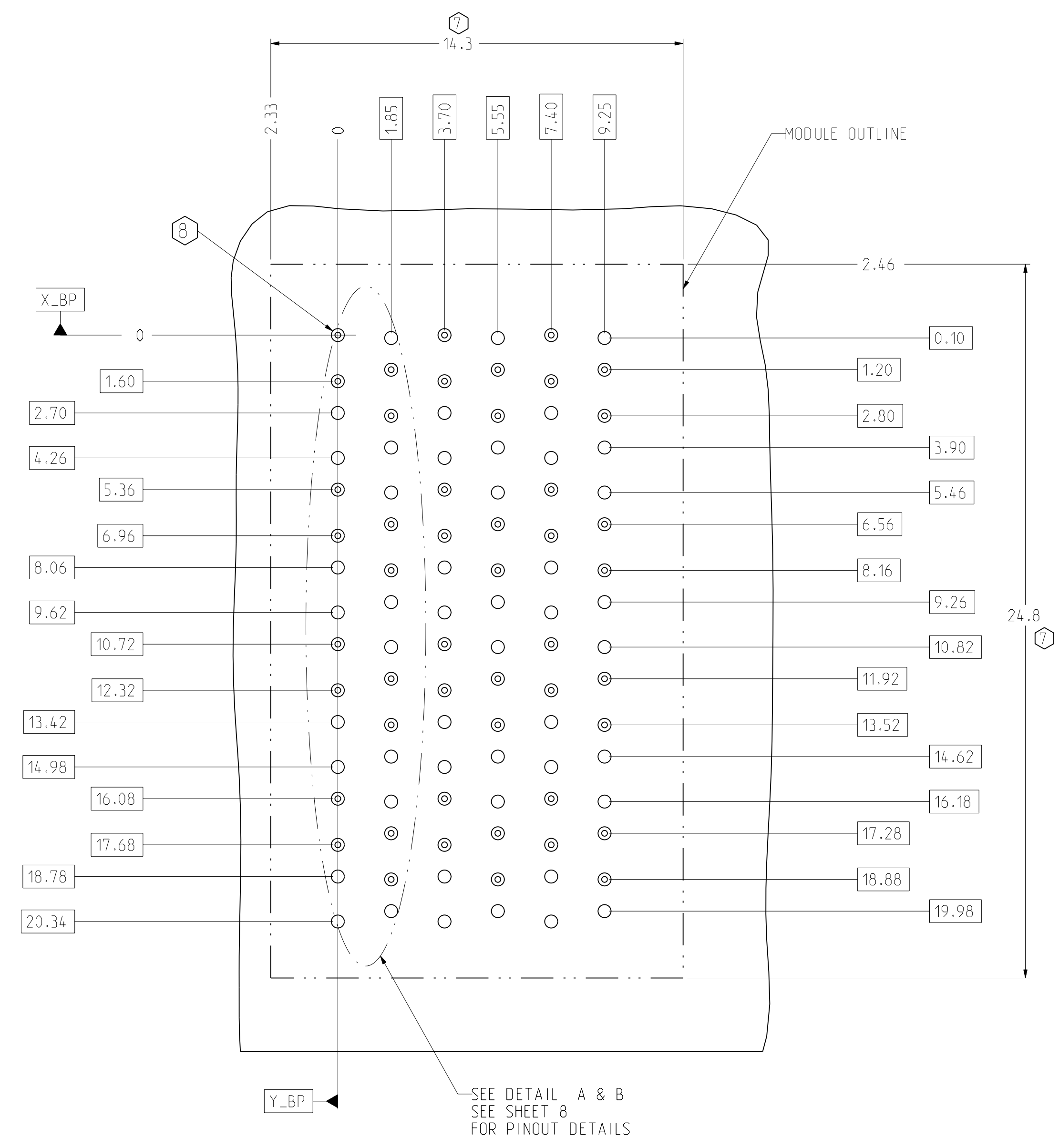
DATUMS X\_BP AND Y\_BP INTERSECT THE SIGNAL A1 VIA ON BACKPLANE



TWO WALL BACKPLANE MODULE DIMENSION



ISOMETRIC VIEW SCALE 4/1



SEE DETAIL A & B SEE SHEET 8 FOR PINOUT DETAILS

BP HOLE PATTERN COMPONENT SIDE SCALE 8/1

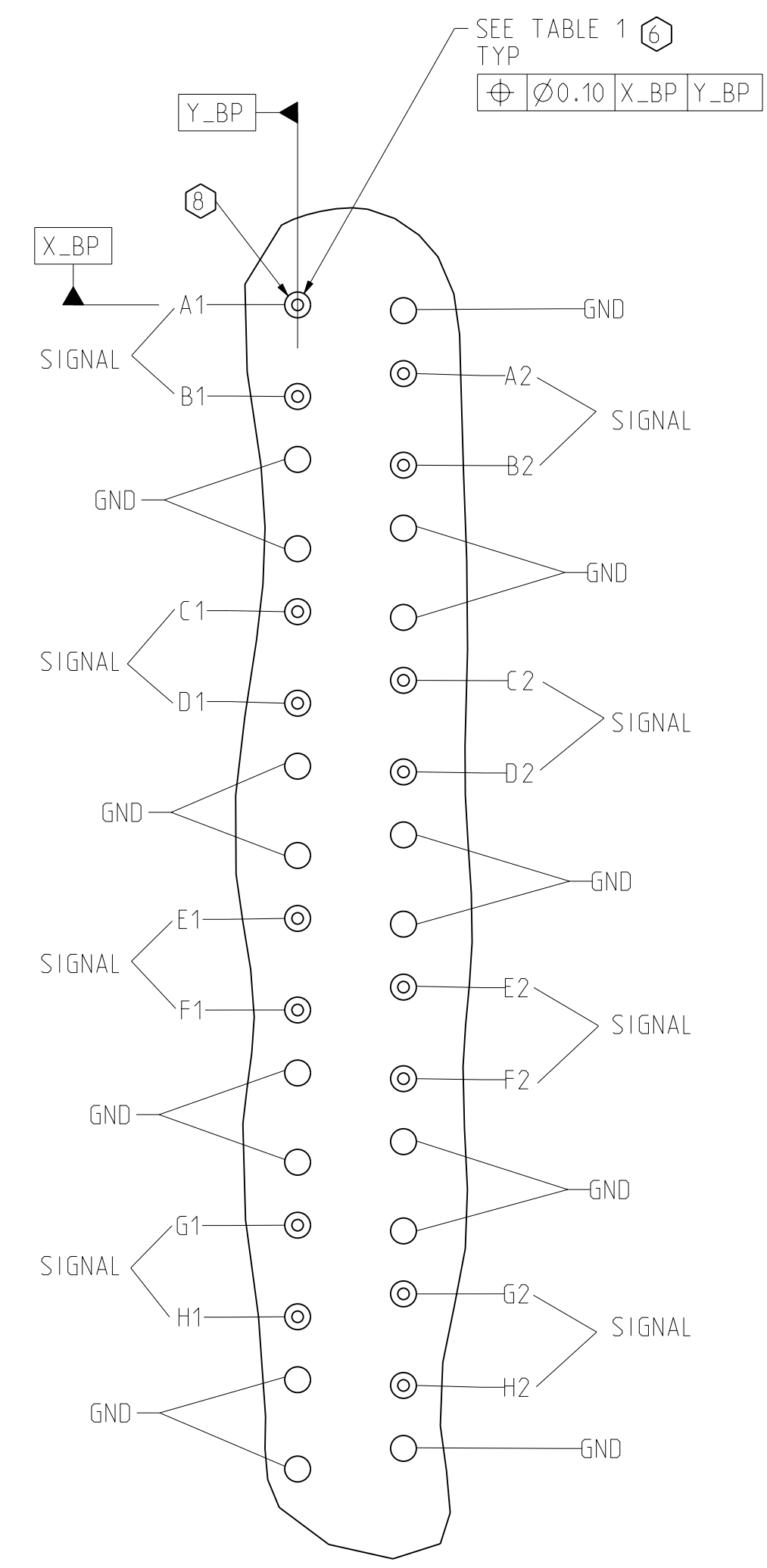
TWO WALL BACKPLANE FOOTPRINT

TOLERANCES		DESIGN 10/04/2006 LEIGHTON	<b>Amphenol TCS</b> A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03062 603.879.3000	
0.0	±0.25	DRAWN 01/04/2006 LEIGHTON	TITLE BACKPLANE MODULES, VERTICAL MALE HEADER XCode, 4 PAIR 6 POSITION	REV N/A
0.00	±0.13	CHK 10/05/2006 A.PFAHNL	PART NO. SEE PN TREE SHEET 1	REV B
0.000	± -	APVD 10/06/2006 A.PFAHNL	DRAWING NO. C951-400C-500	14.7 B.O
ANGLES ± 3°			ProE ASSEM C951-4-BP4 C951-400C-500.drw	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS PERIOD			SIZE D SCALE 4/1	SHEET 7 OF 8

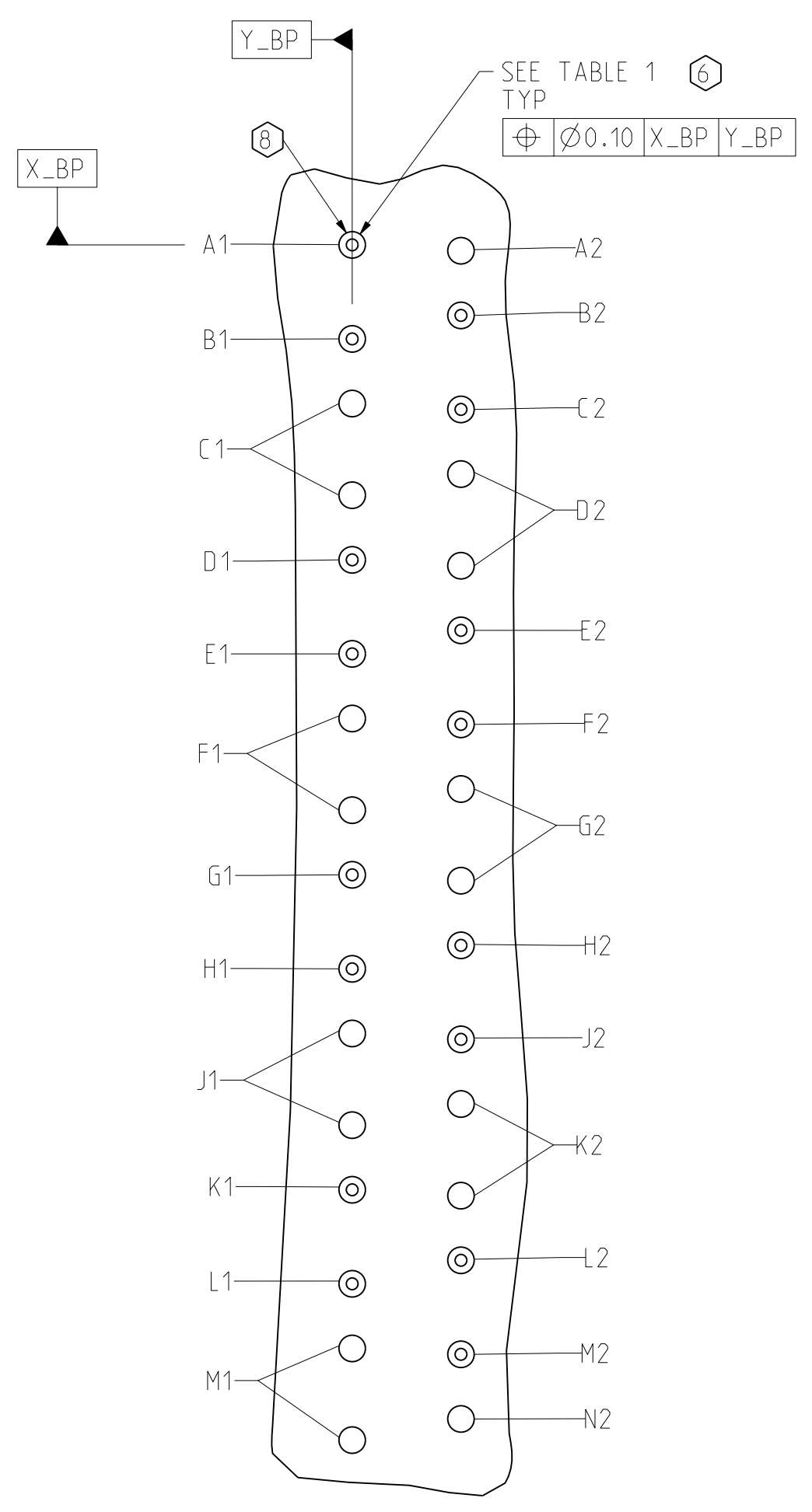
INTERPRET PER ASME Y14.5M  
CODE IDENT 31413

CUSTOMER USE DRAWING

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



DETAIL A  
HSD PINOUTS  
SCALE 10/1



DETAIL B  
LC PINOUTS  
SCALE 10/1

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

TOLERANCES		DESIGN 10/04/2006 LEIGHTON	<b>Amphenol TCS</b> A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03062 603.879.3000	TITLE	BACKPLANE MODULES, VERTICAL MALE HEADER XCede, 4 PAIR 6 POSITION	
0.0	$\pm 0.25$	DRAWN 01/04/2006 LEIGHTON		PART NO.	SEE PN TREE SHEET 1	REV N/A
0.00	$\pm 0.13$	CHK 10/05/2006 A.PFAHNL		DRAWING NO.	C951-400C-500	REV B
0.000	$\pm -$	APVD 10/06/2006 A.PFAHNL		PROJ	ASSEM C951-4--BP4 C951-400C-500.drw	14.7 B.0
ANGLES	$\pm 3^\circ$	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS PERIOD.		SCALE	4/1	SHEET 8 OF 8
INTERPRET PER ASME Y14.5M CODE IDENT 31413			CUSTOMER USE DRAWING			

C951-400C-500

SH 8  
REV B





Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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