

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

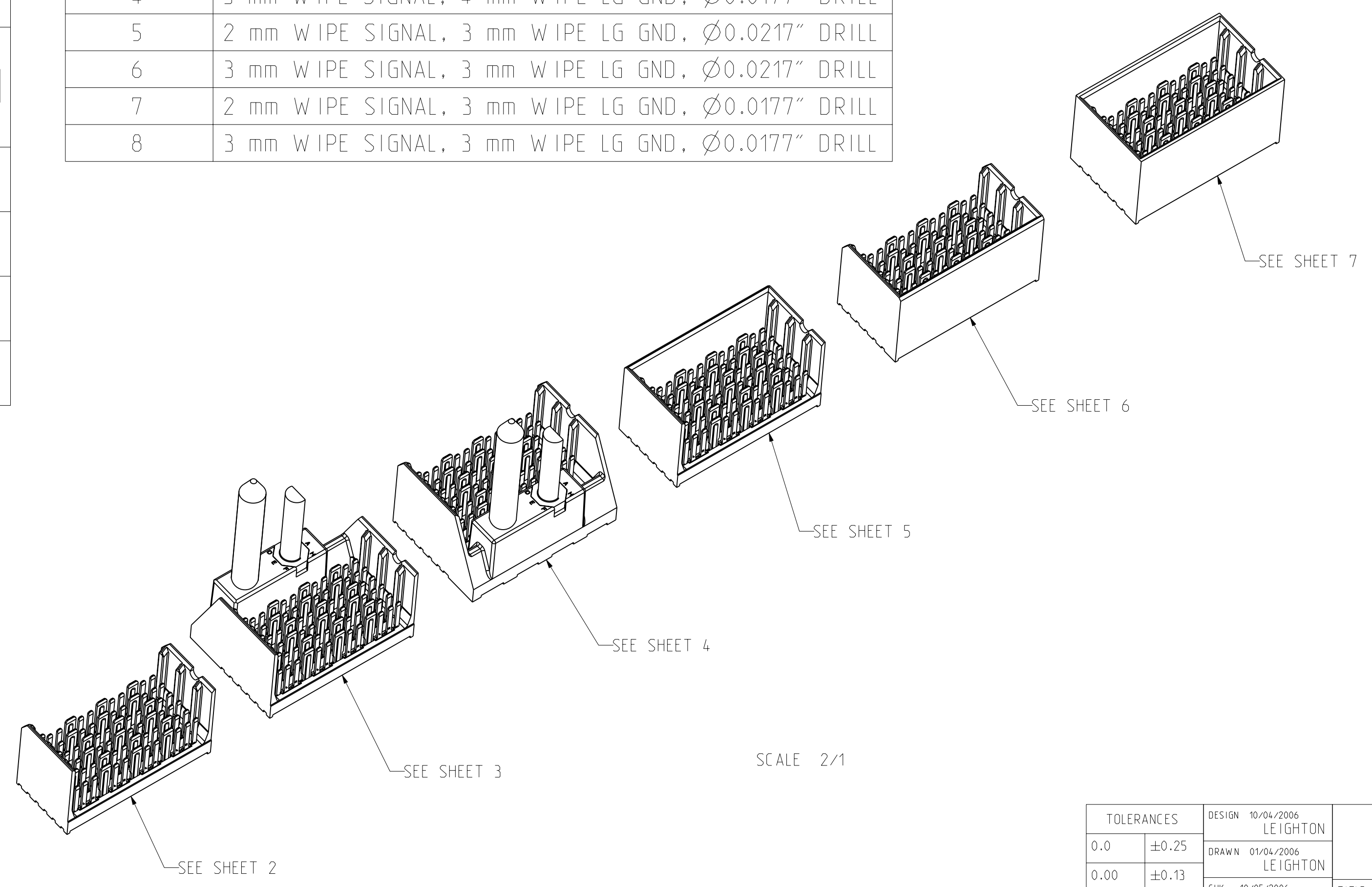
6-POSITION

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

CUSTOMER USE DRAWING

Amphenol TCS
A Division of Amphenol Corporation
200 Innovative Way, Nashua, NH 03062 803.879.3000

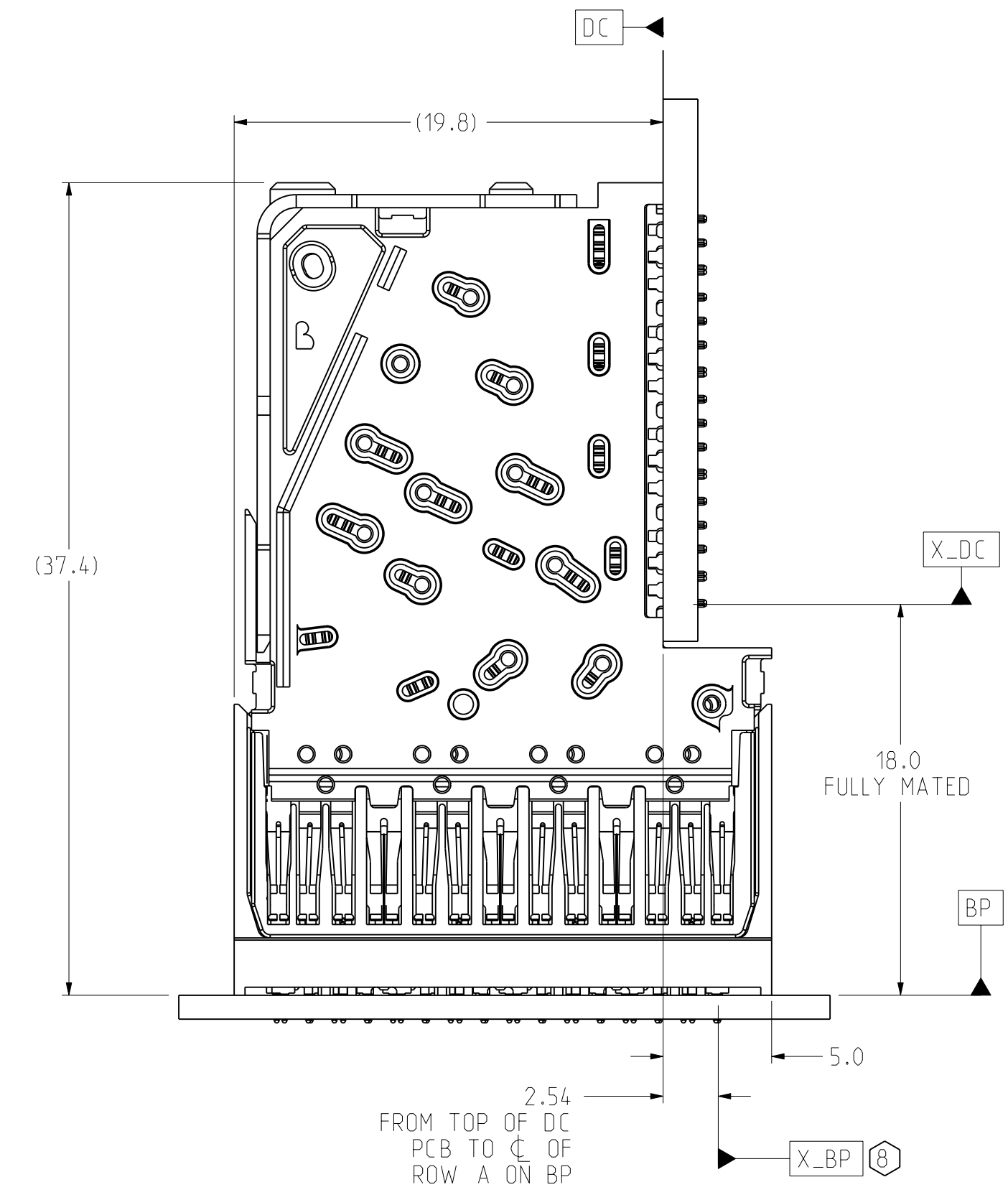
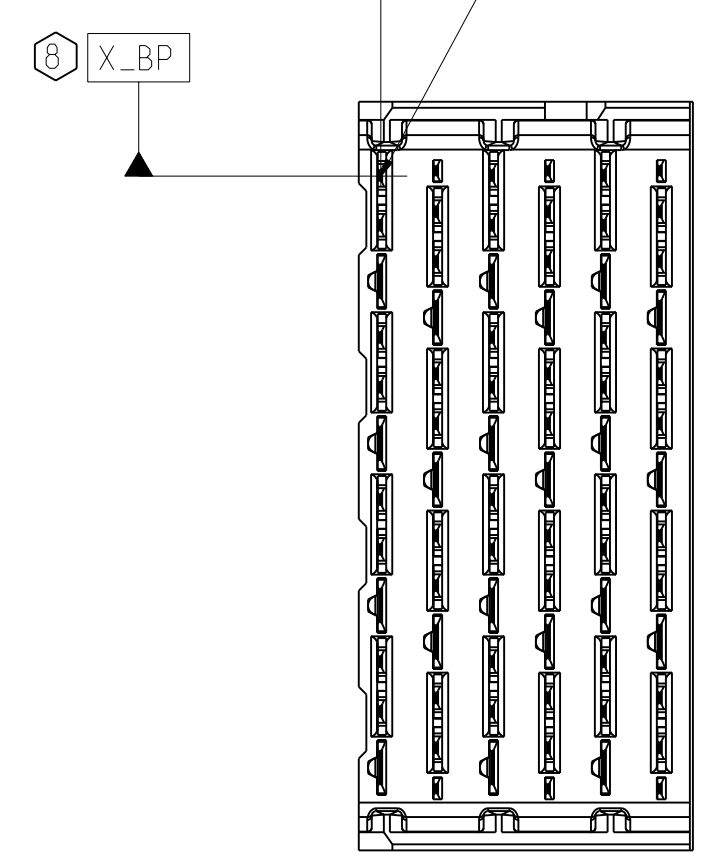
TITLE: BACKPLANE MODULES, VERTICAL MALE HEADER
XCede, 4 PAIR 6 POSITION

PART NO. SEE PN TREE SHEET 1
DRAWING NO. C951-400C-500
ProE ASSEM C951-4-BP4
C951-400C-500.drw

SCALE 4/1 SHEET 1 OF 8

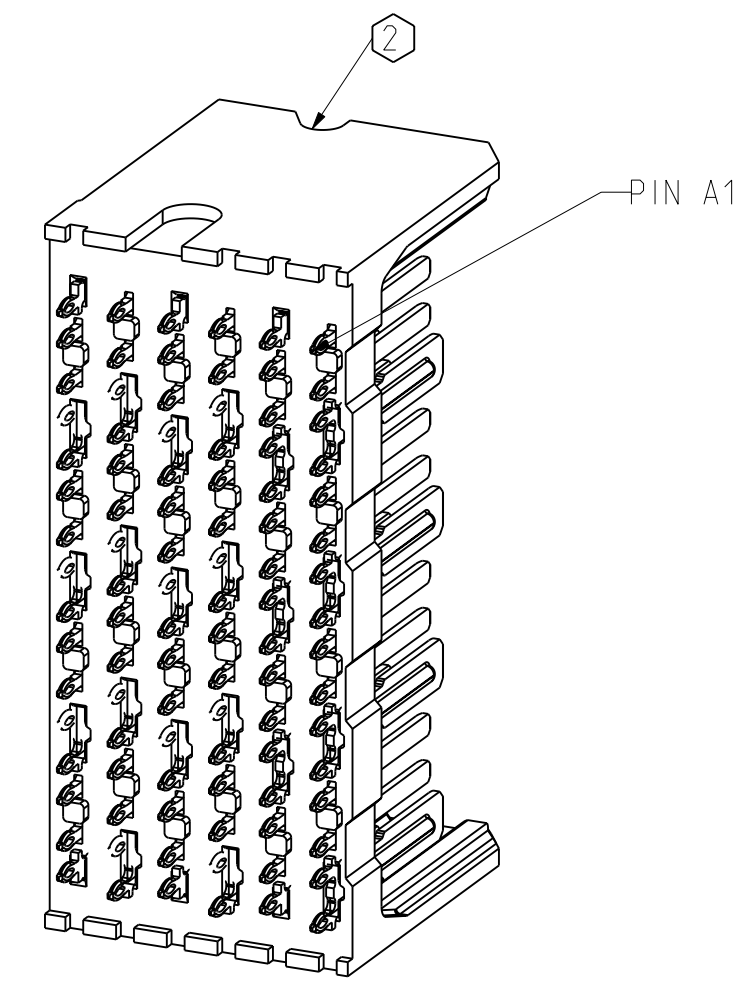
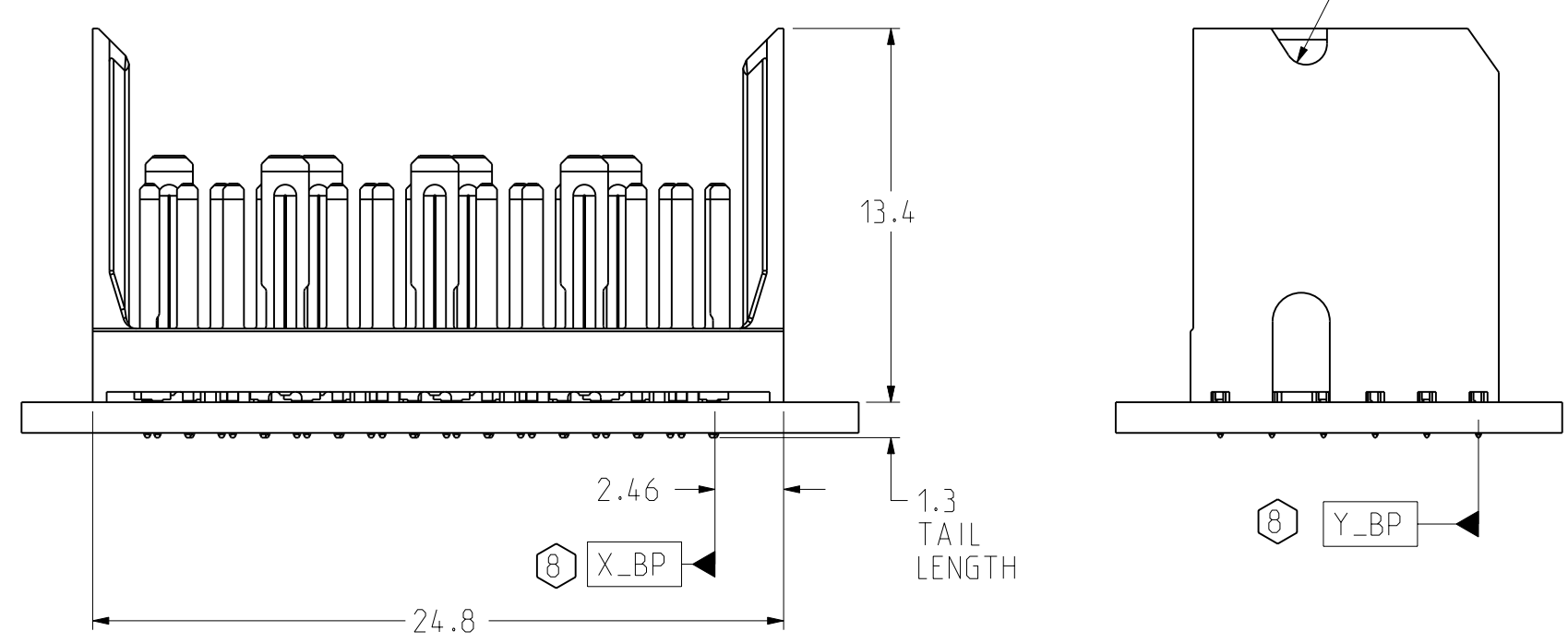
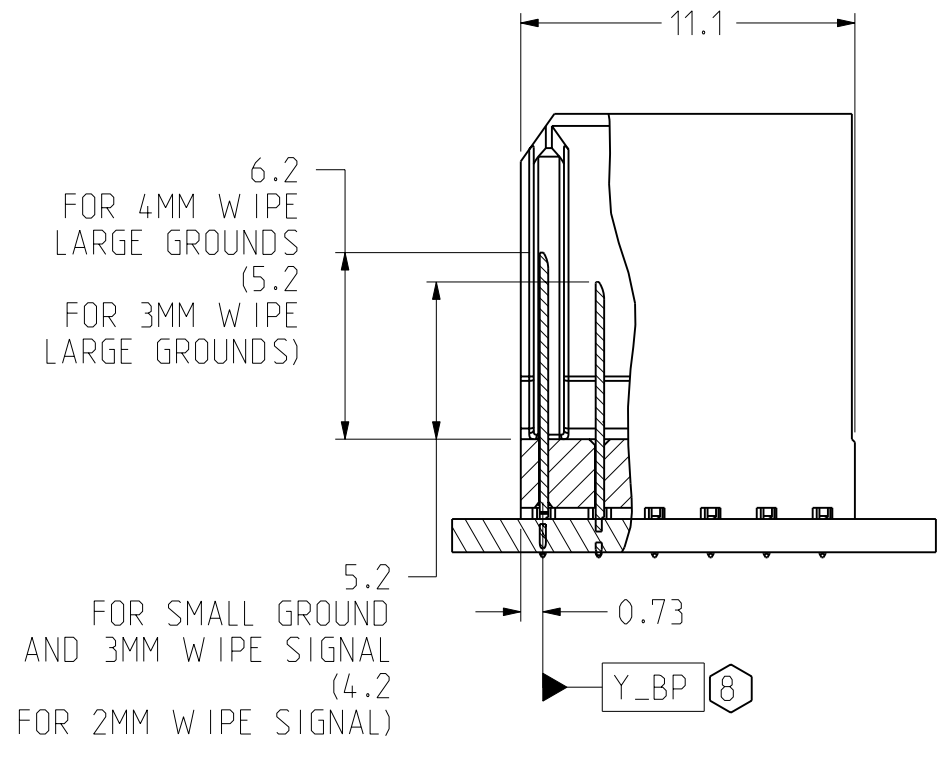
ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			

DATUMS X_BP AND Y_BP INTERSECT THE SIGNAL A1 VIA ON BACKPLANE

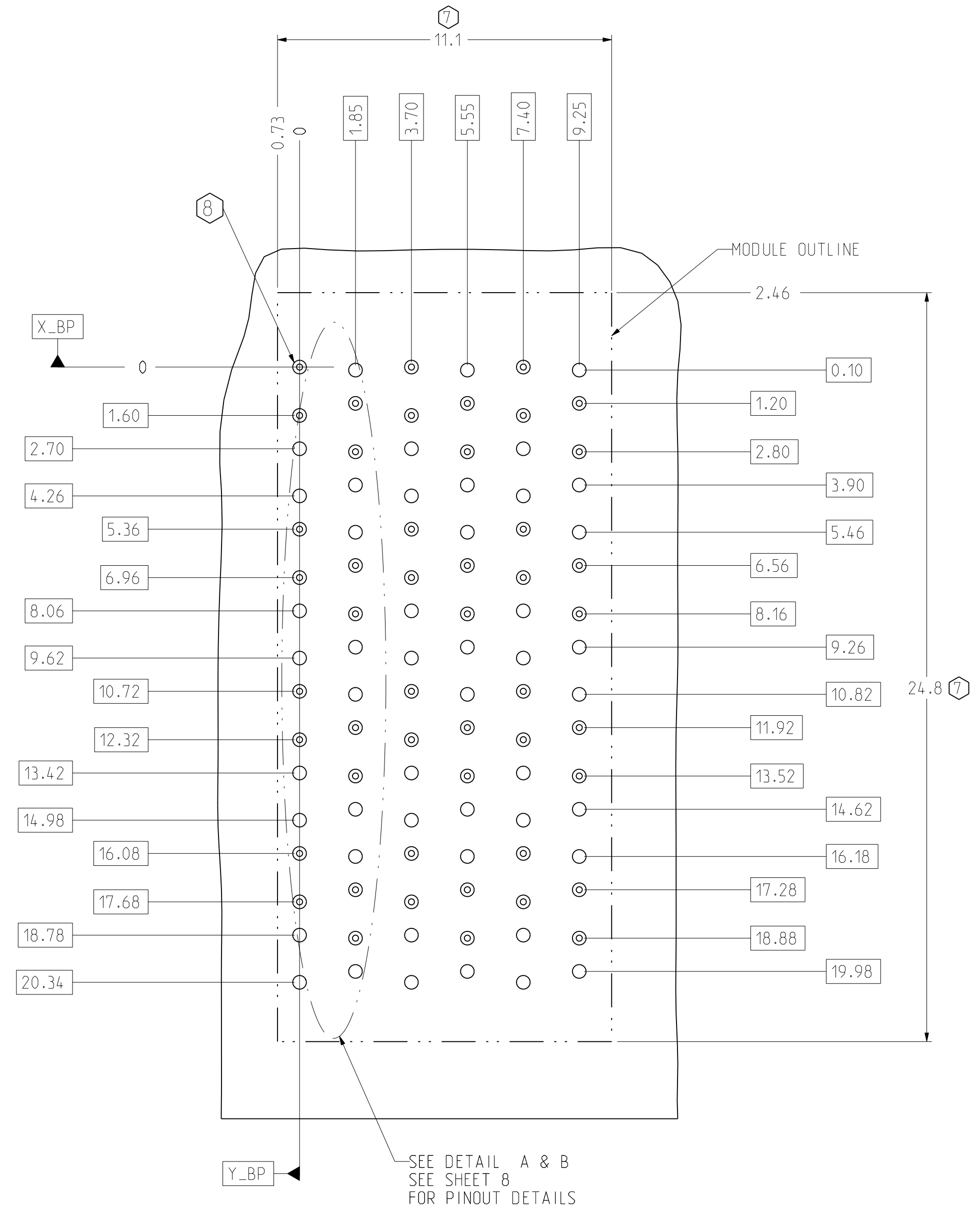


OPEN BACKPLANE MODULE DIMENSION

CONNECTOR REFERENCE SCALE 4/1



ISOMETRIC VIEW SCALE 4/1



BP HOLE PATTERN COMPONENT SIDE SCALE 8/1

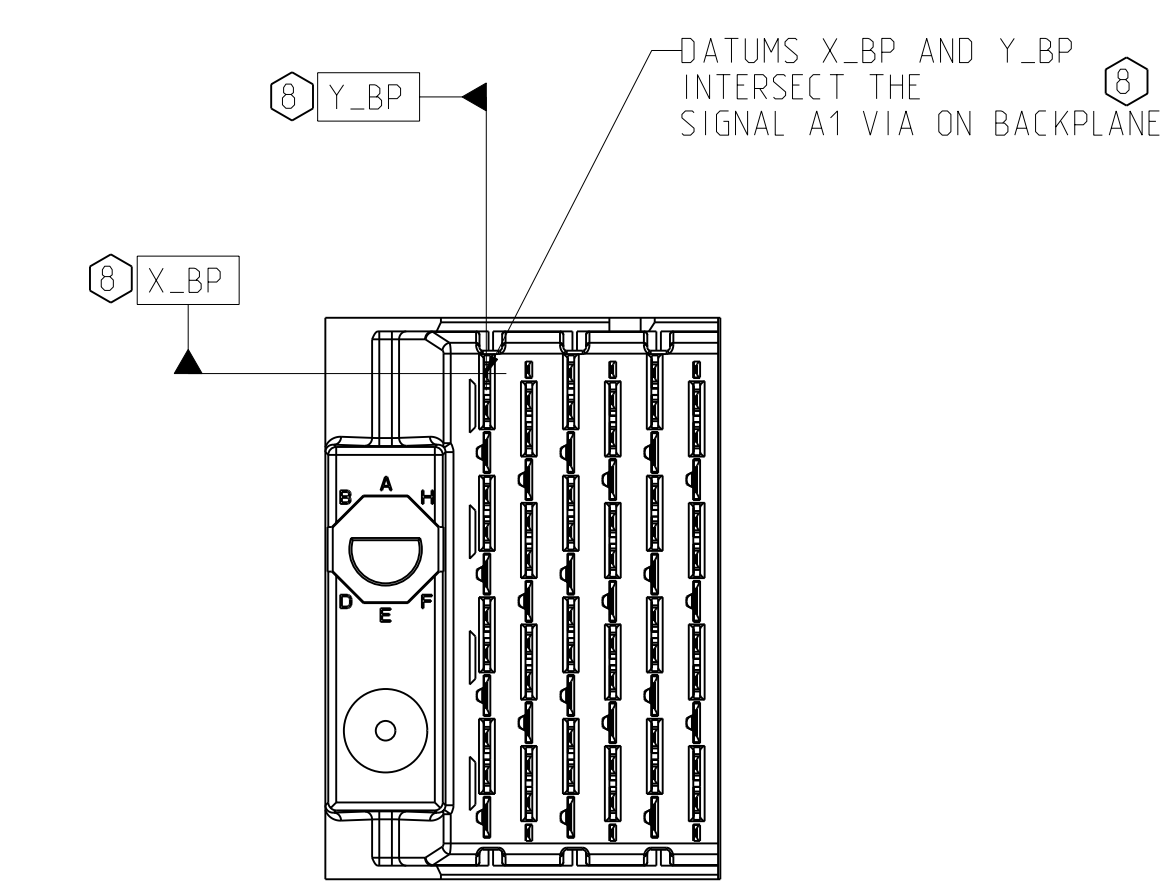
OPEN BACKPLANE FOOTPRINT

TOLERANCES		DESIGN 10/04/2006	Amphenol TCS		
0.0	±0.25	LEIGHTON	A Division of Amphenol Corporation		
0.00	±0.13	DRAWN 01/04/2006	200 Innovative Way, Nashua, NH 03062 603.879.3000		
0.000	± -	CHK 10/05/2006	TITLE		
ANGLES	± 3°	APVD 10/06/2006	BACKPLANE MODULES, VERTICAL MALE HEADER		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS PERIOD			XCede, 4 PAIR 6 POSITION		
INTERPRET PER ASME Y14.5M			PART NO.	SEE PN TREE SHEET 1	
CODE IDENT 31413			DRAWING NO.	C951-400C-500	
CUSTOMER USE DRAWING			PROE ASSEM	C951-4-BP4	
			FILE	C951-400C-500.drw	
SIZE	D	SCALE	4/1	SHEET	2 OF 8

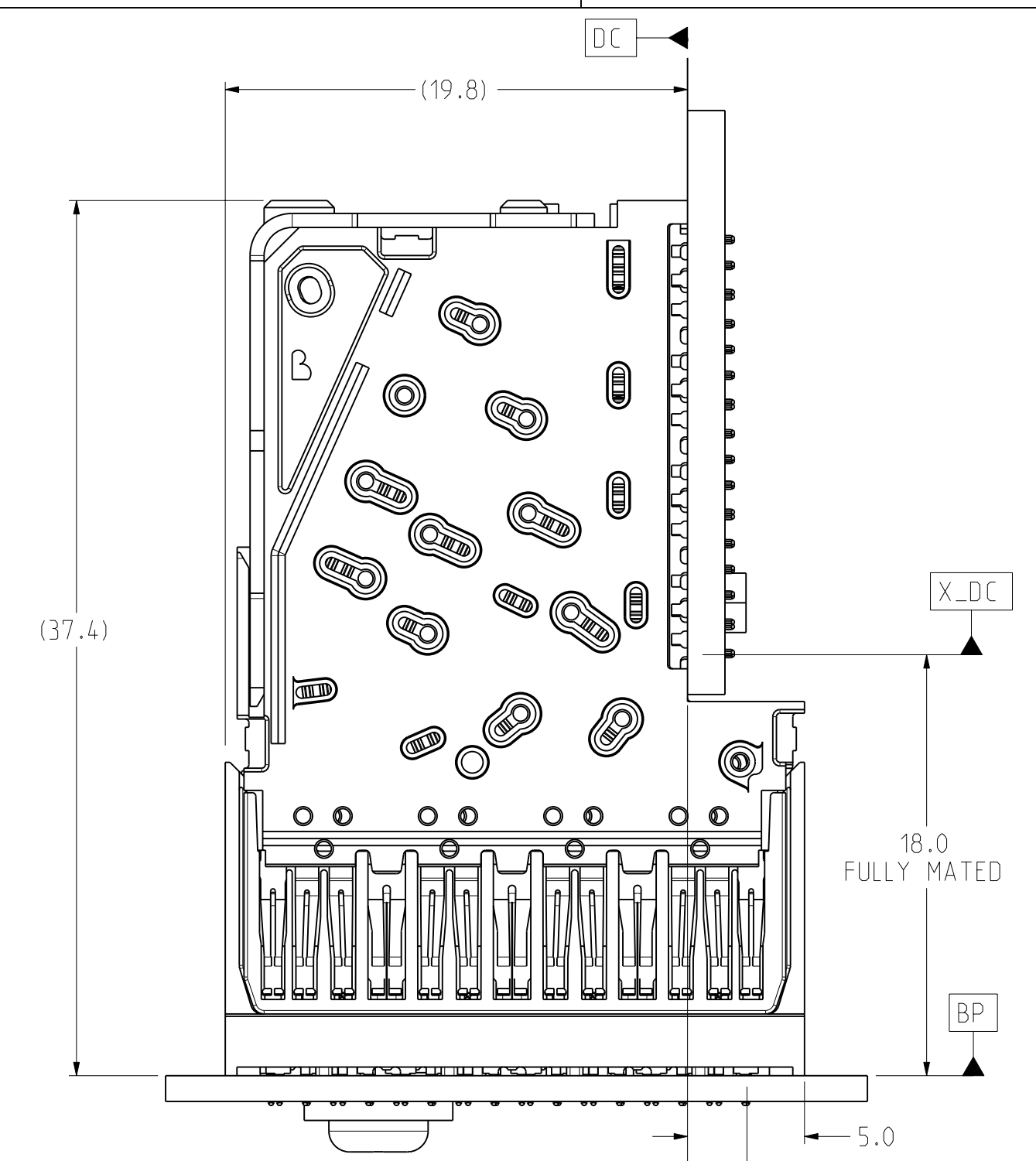
DRW NO. C951-400C-500

SH 2 REV B

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			

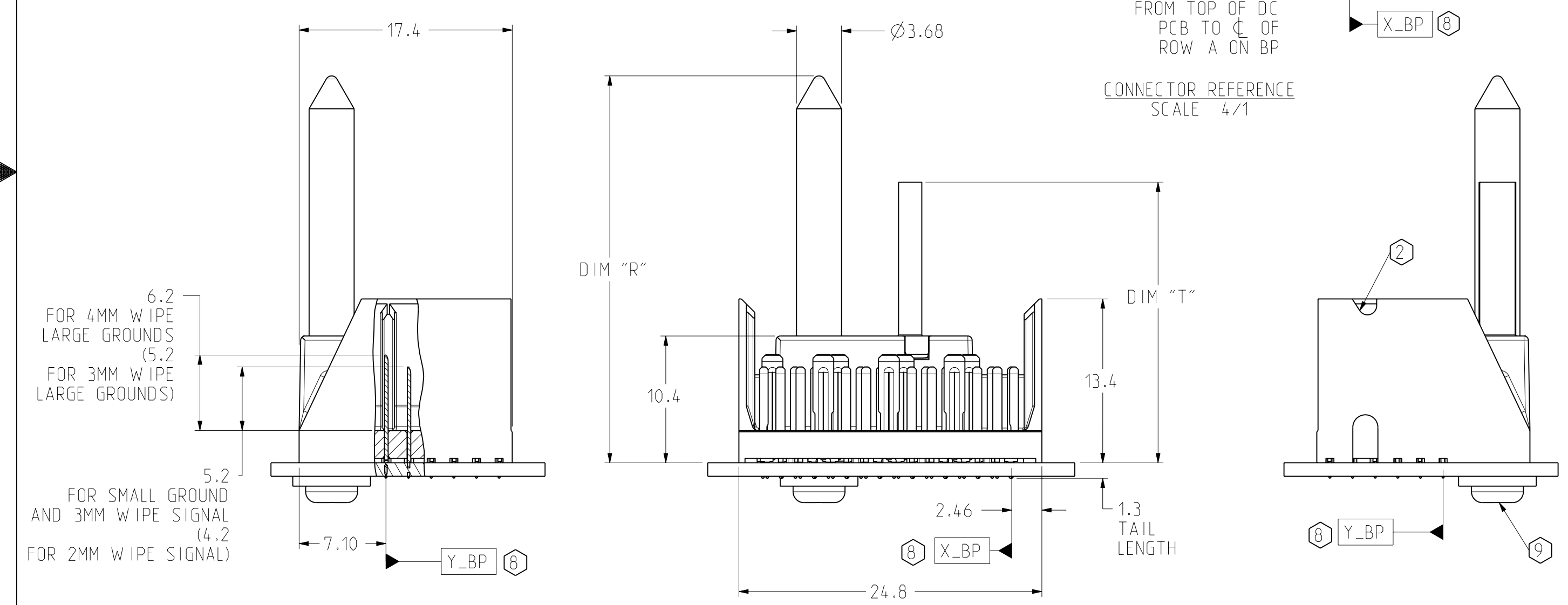


LEFT POLARIZING/GUIDE BACKPLANE MODULE DIMENSION

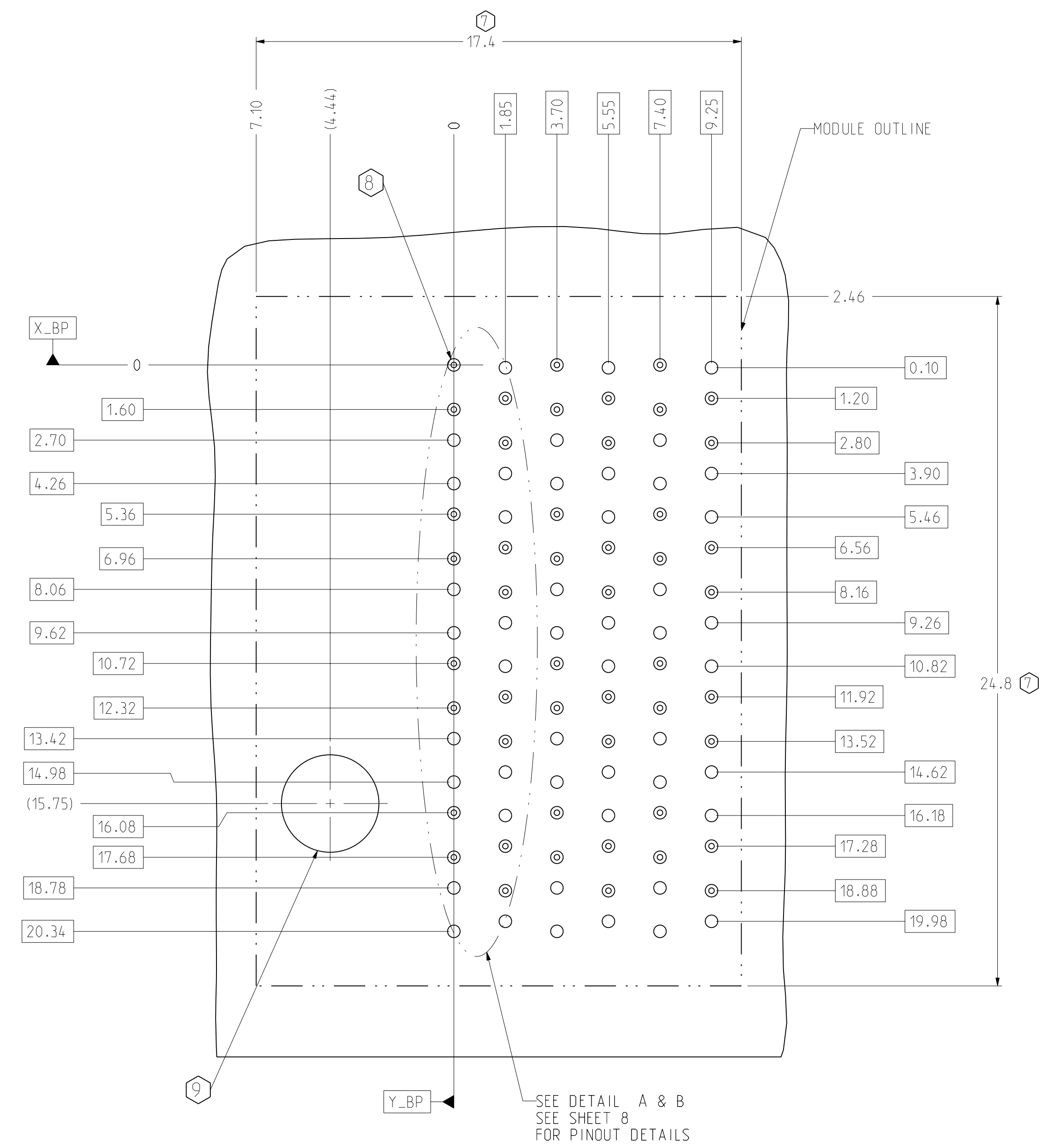
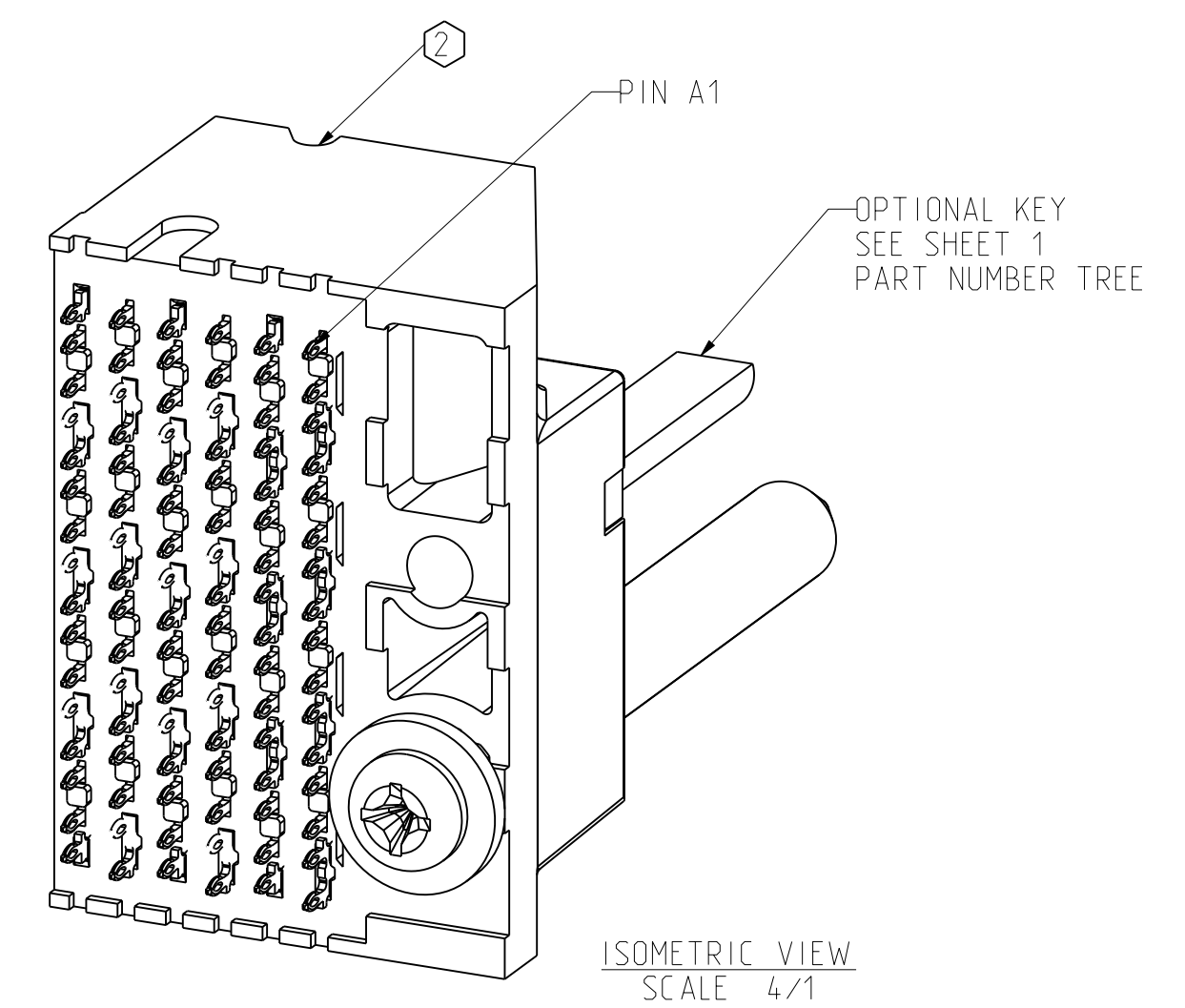


2.54 FROM TOP OF DC PCB TO C OF ROW A ON BP

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

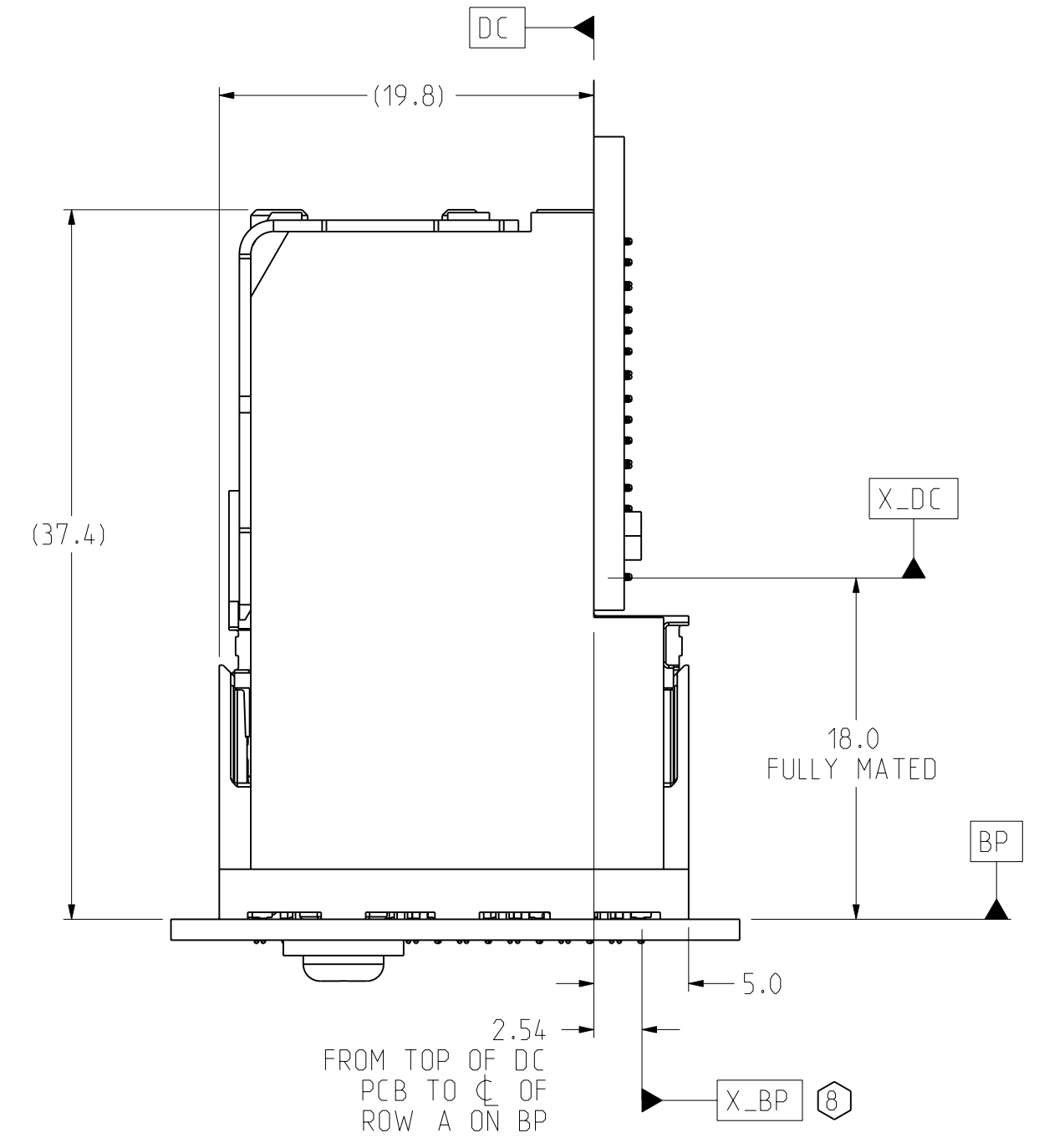
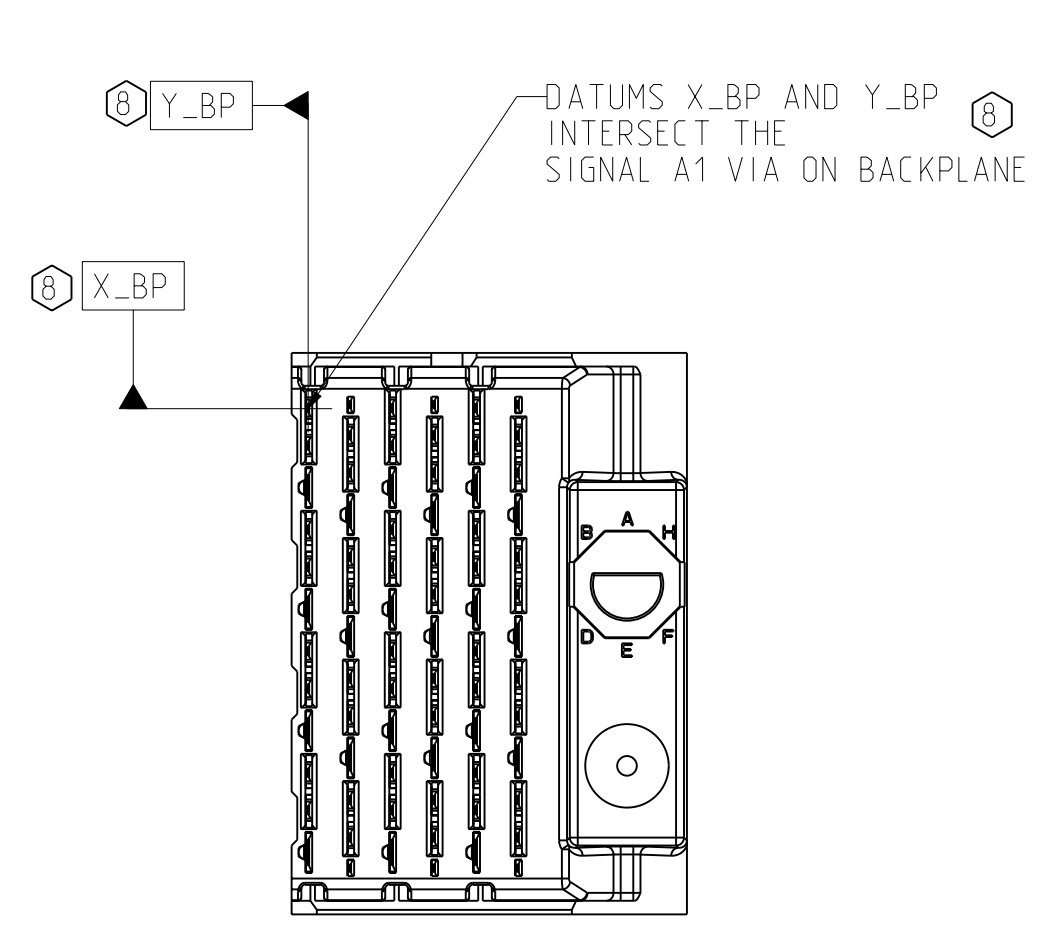
LEFT POLARIZING/GUIDE BACKPLANE FOOTPRINT

TOLERANCES	DESIGN 10/04/2006 LEIGHTON	Amphenol TCS 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		XCode, 4 PAIR 6 POSITION	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			ProE 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	
INTERPRET PER ASME Y14.5M CODE IDENT 31413		CUSTOMER USE DRAWING		SHEET 3 OF 8	

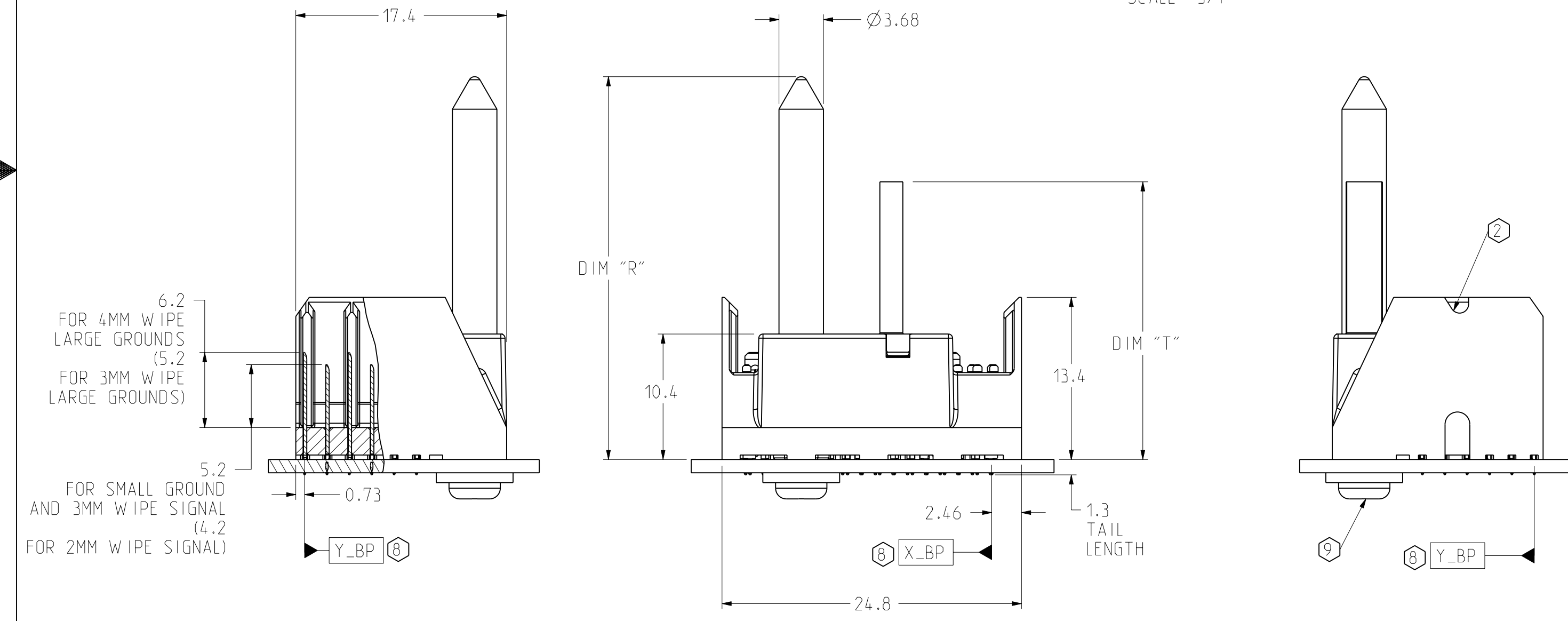
DRW NO. C951-400C-500

SH 3 REV B

RIGHT POLARIZING/GUIDE
BACKPLANE MODULE DIMENSION

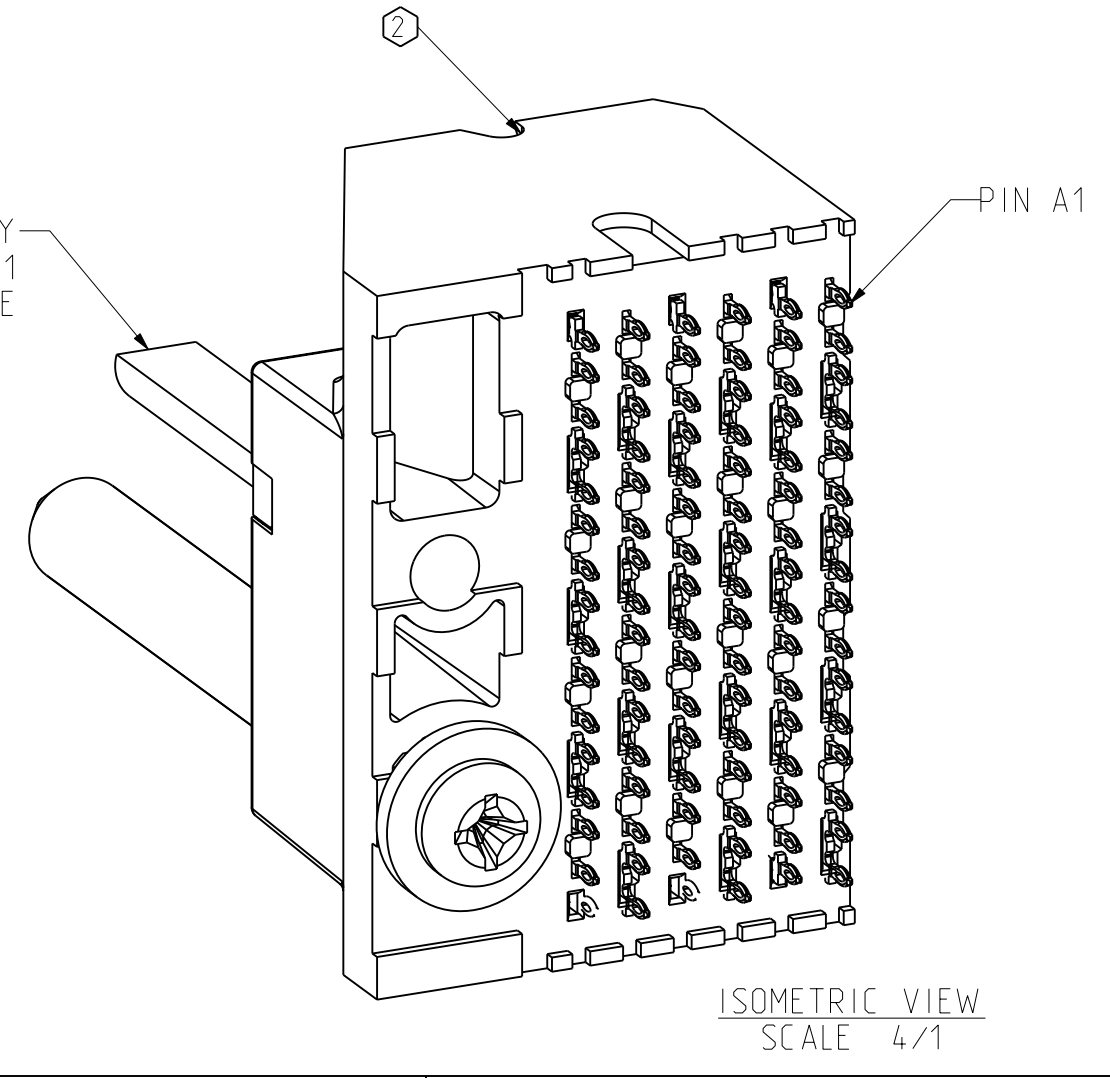


CONNECTOR REFERENCE
SCALE 3/1

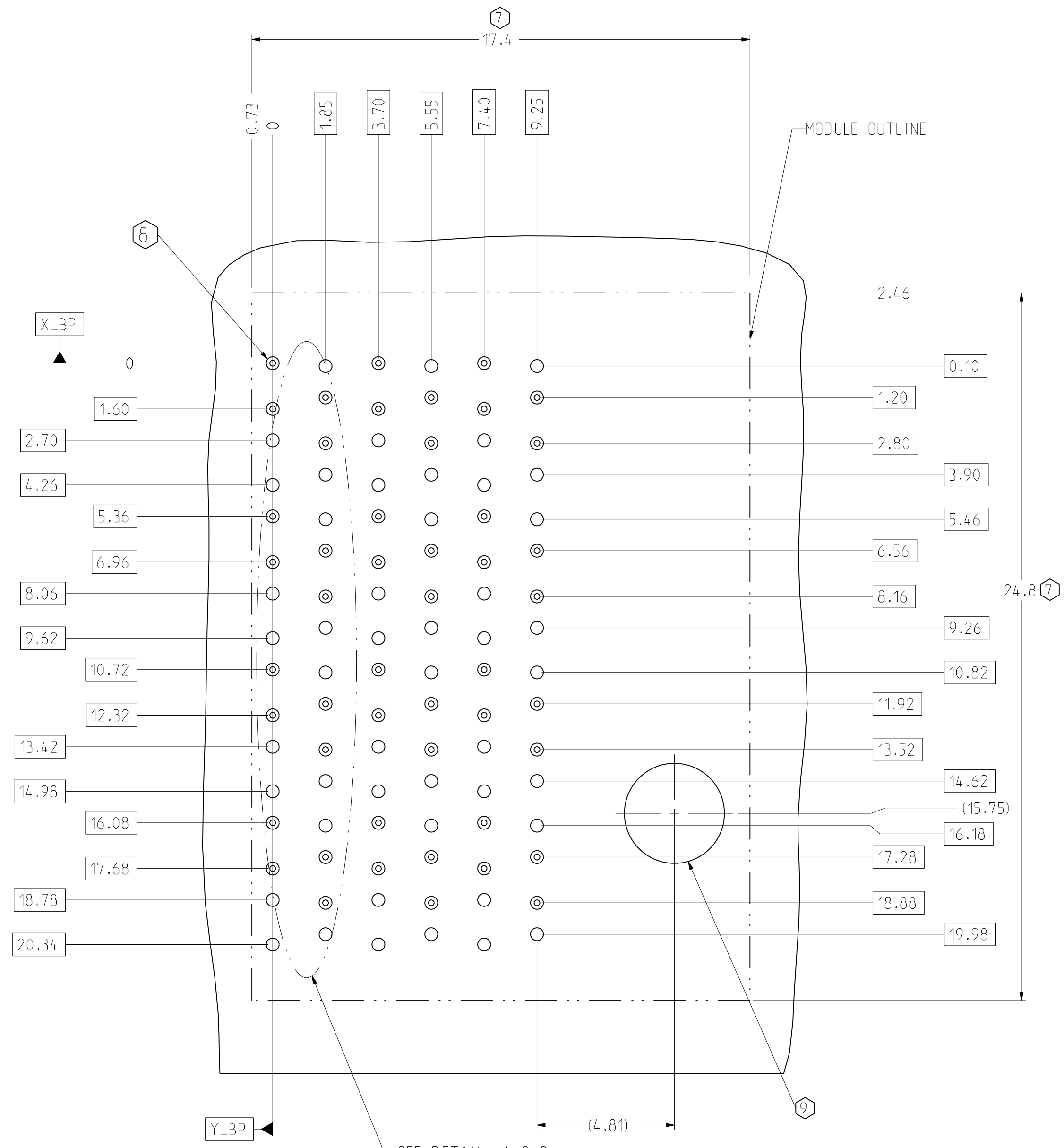


PART NUMBER	DIM "R"	DIM "T"
951-4X0C-X 0 X 951-4X0C-X 1 X	31.6	23.0
951-4X0C-X 4 X 951-4X0C-X 5 X	25.7	20.2

OPTIONAL KEY -
SEE SHEET 1
PART NUMBER TREE



ISOMETRIC VIEW
SCALE 4/1



SEE DETAIL A & B
SEE SHEET 8
FOR PINOUT DETAILS

BP HOLE PATTERN
COMPONENT SIDE
SCALE 8/1

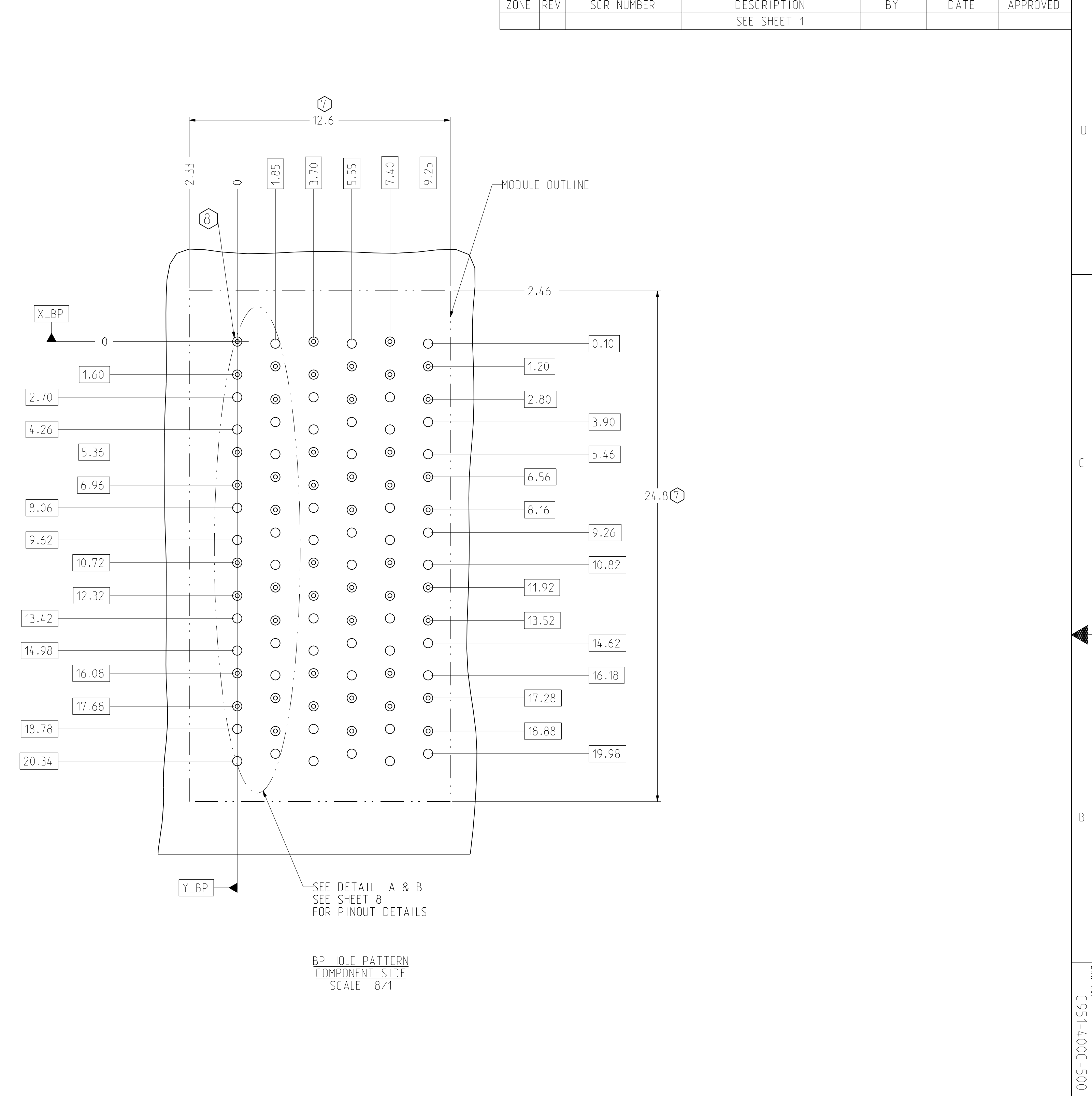
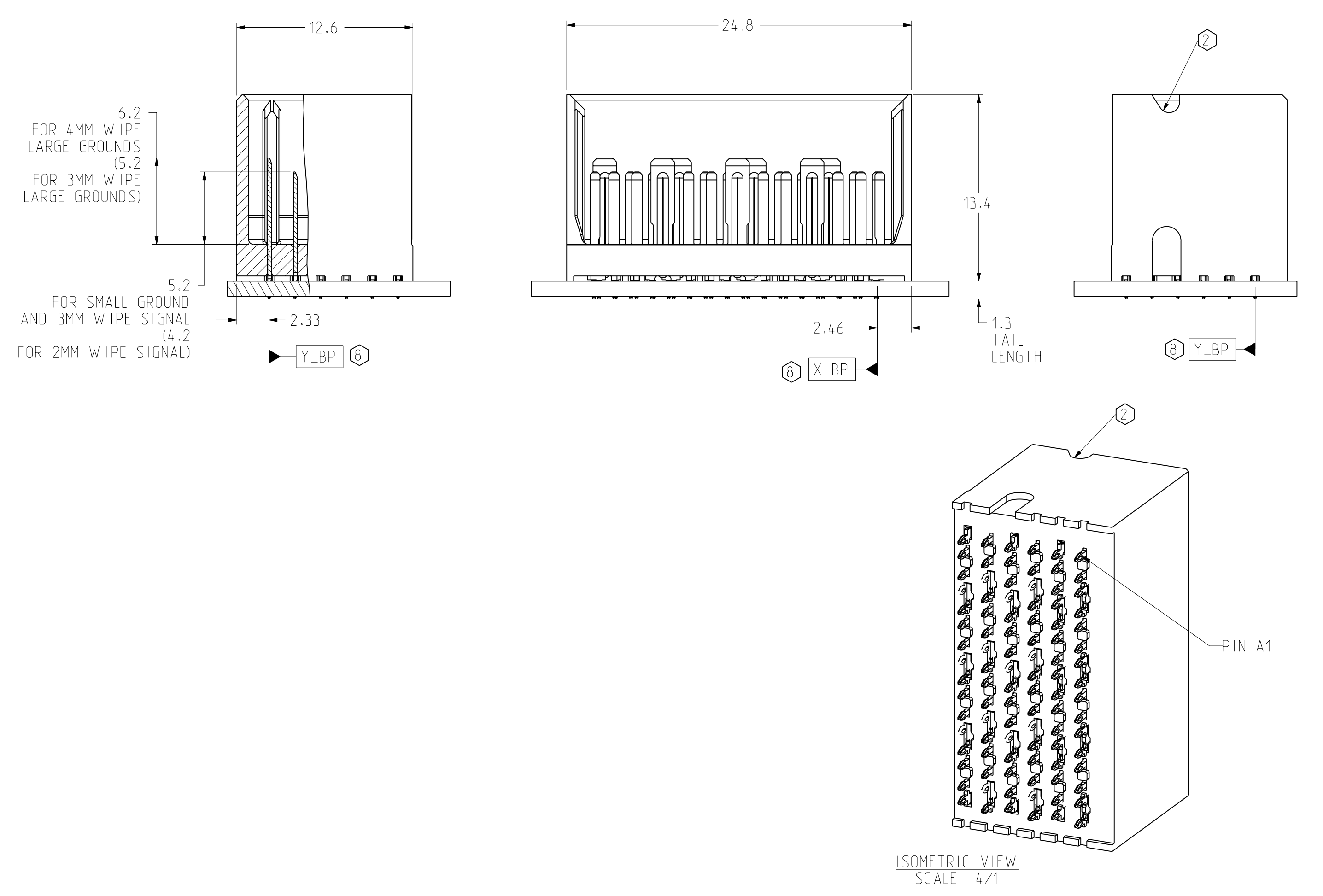
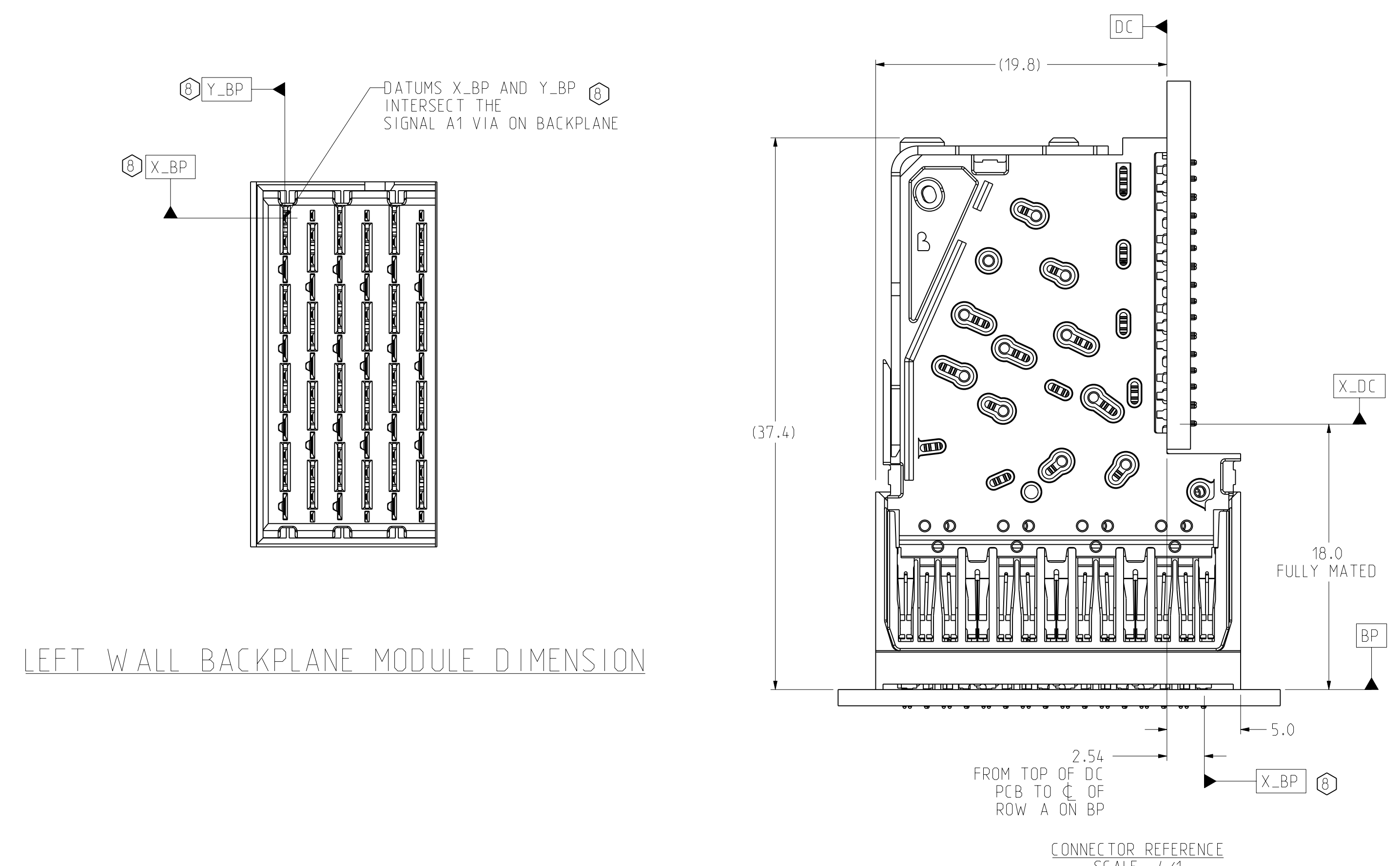
RIGHT POLARIZING/GUIDE
BACKPLANE FOOTPRINT

INTERPRET PER ASME Y14.5M
CODE IDENT 31413

TOLERANCES	DESIGN 10/04/2006 LEIGHTON	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
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	CUSTOMER USE DRAWING	SIZE D	SCALE 3/1
				SHEET 4 OF 8

DRAWING NO. C951-400C-500

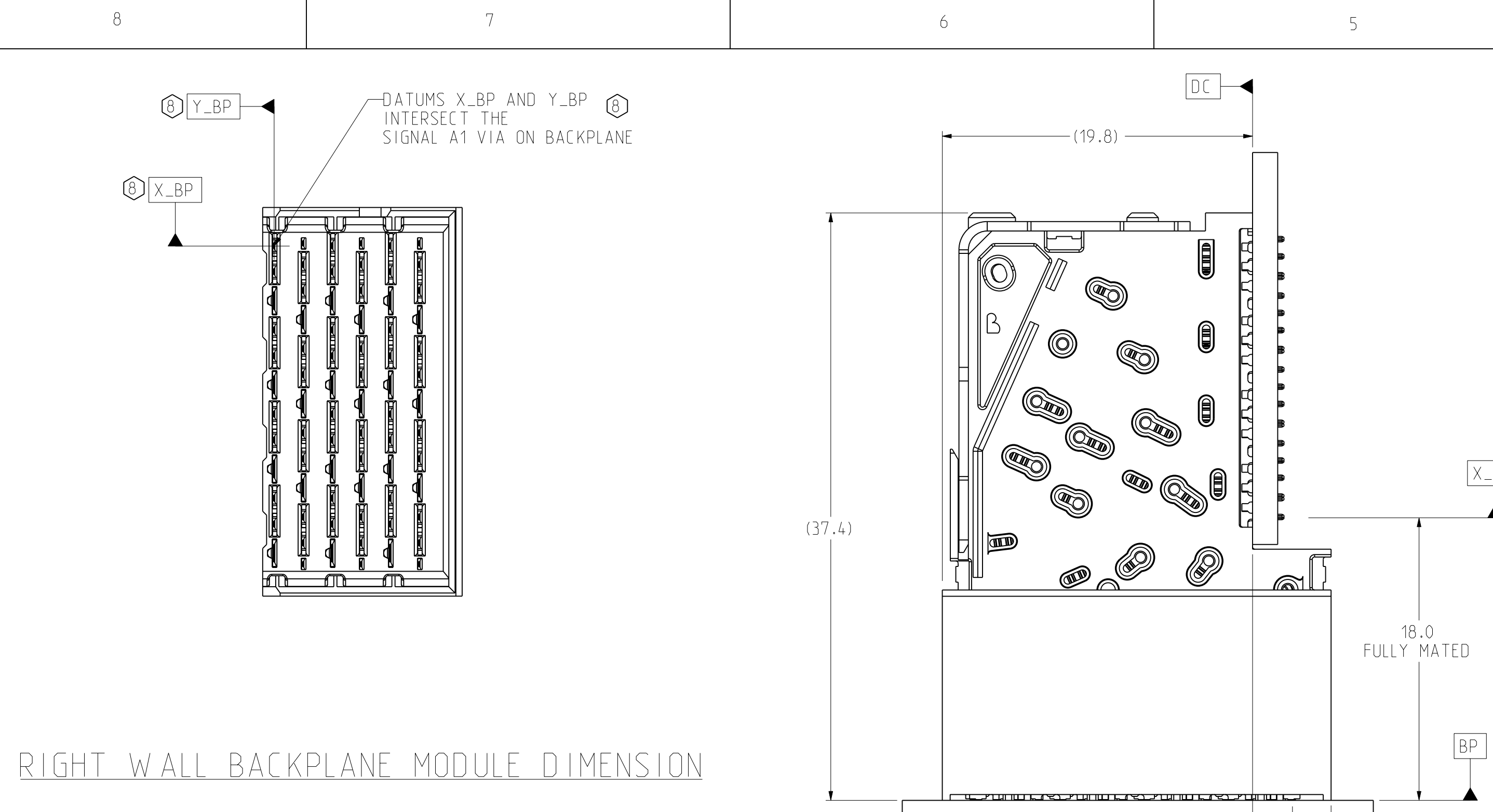
SH 4
REV B



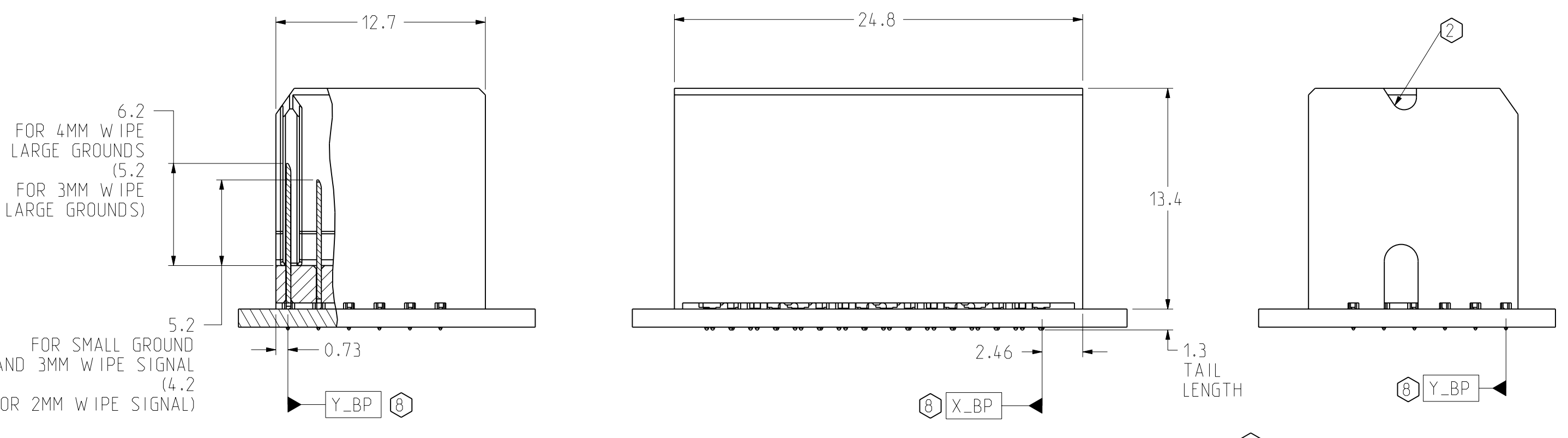
LEFT WALL BACKPLANE FOOTPRINT

TOLERANCES		DESIGN 10/04/2006 LEIGHTON	Amphenol TCS 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		XCode, 4 PAIR 6 POSITION	PART NO.	SEE PN TREE SHEET 1
0.00	±0.13	CHK 10/05/2006 A.PFAHNL		APVD 10/06/2006 A.PFAHNL	DRAWING NO.	C951-400C-500
0.000	± -	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS PERIOD		PROJ ASSEM C951-4-BP4 C951-400C-500.drw	14.7 B.O	
ANGLES	± 3°	INTERPRET PER ASME Y14.5M		SIZE	D	
CUSTOMER USE DRAWING		CODE IDENT 31413		SCALE	4/1	
				SHEET	5 OF 8	

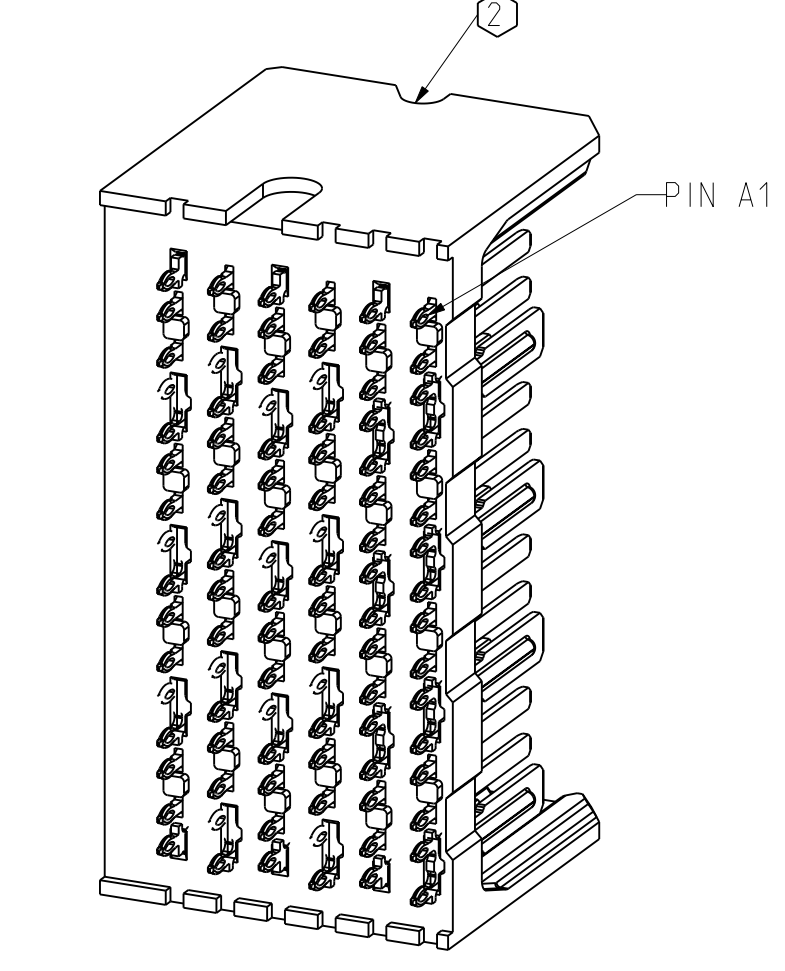
DRW NO. C951-400C-500
 SH 5
 REV B



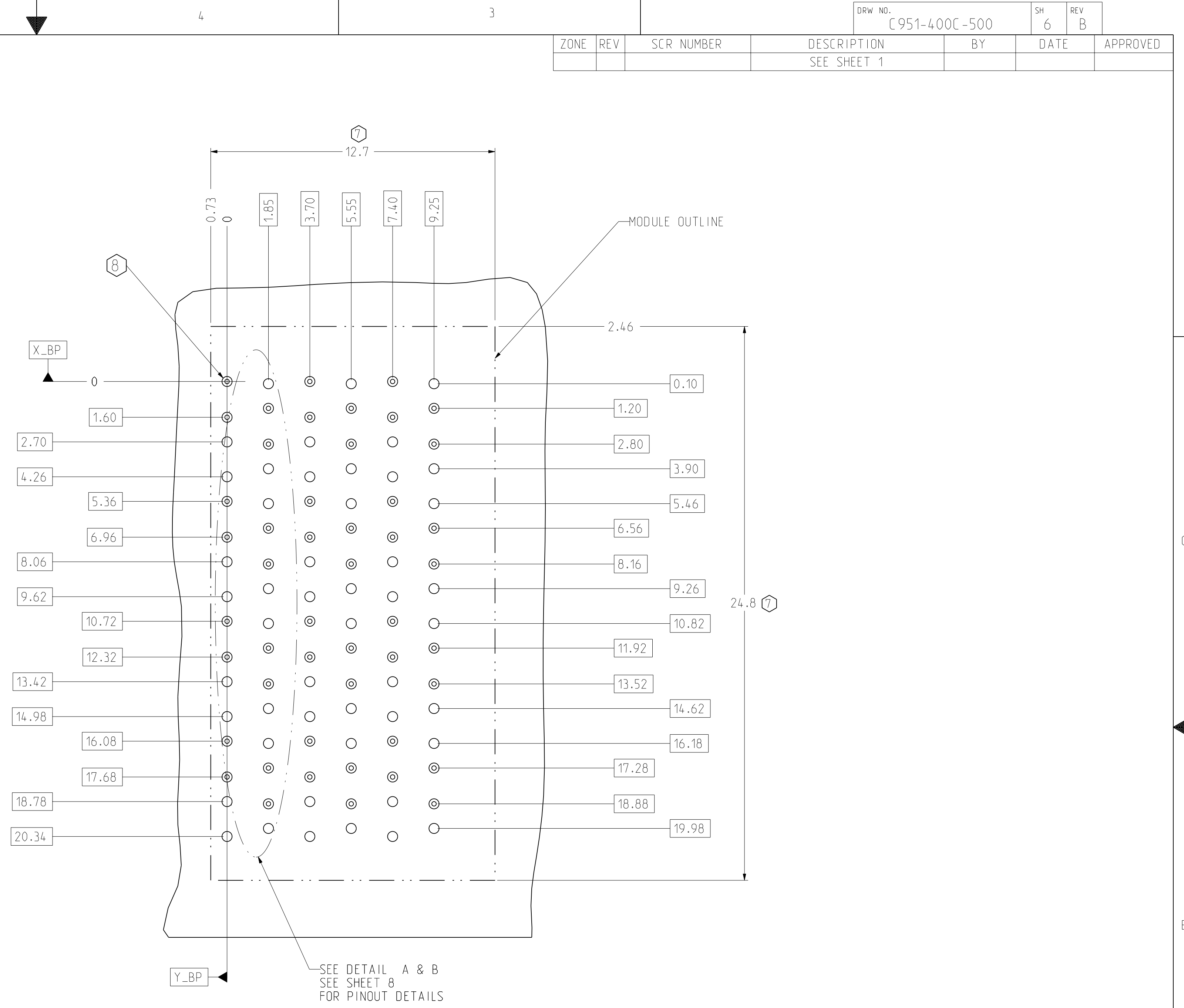
RIGHT WALL BACKPLANE MODULE DIMENSION



6.2 FOR 4MM WIPE LARGE GROUNDS (5.2 FOR 3MM WIPE LARGE GROUNDS)
5.2 FOR SMALL GROUND AND 3MM WIPE SIGNAL (4.2 FOR 2MM WIPE SIGNAL)



ISOMETRIC VIEW SCALE 4/1



RIGHT WALL BACKPLANE FOOTPRINT

BP HOLE PATTERN COMPONENT SIDE SCALE 8/1

TOLERANCES	DESIGN 10/04/2006 LEIGHTON	Amphenol TCS 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 XCede, 4 PAIR 6 POSITION
0.00 ±0.13	CHK 10/05/2006 A.PFAHNL	PART NO.	SEE PN TREE SHEET 1
0.000 ± -	APVD 10/06/2006 A.PFAHNL	DRAWING NO.	C951-400C-500
ANGLES ± 3°		PROJ ASSEM	C951-4-BP4 C951-400C-500.drw
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS PERIOD		SIZE	D
INTERPRET PER ASME Y14.5M		SCALE	4/1
CODE IDENT 31413		SHEET	6 OF 8

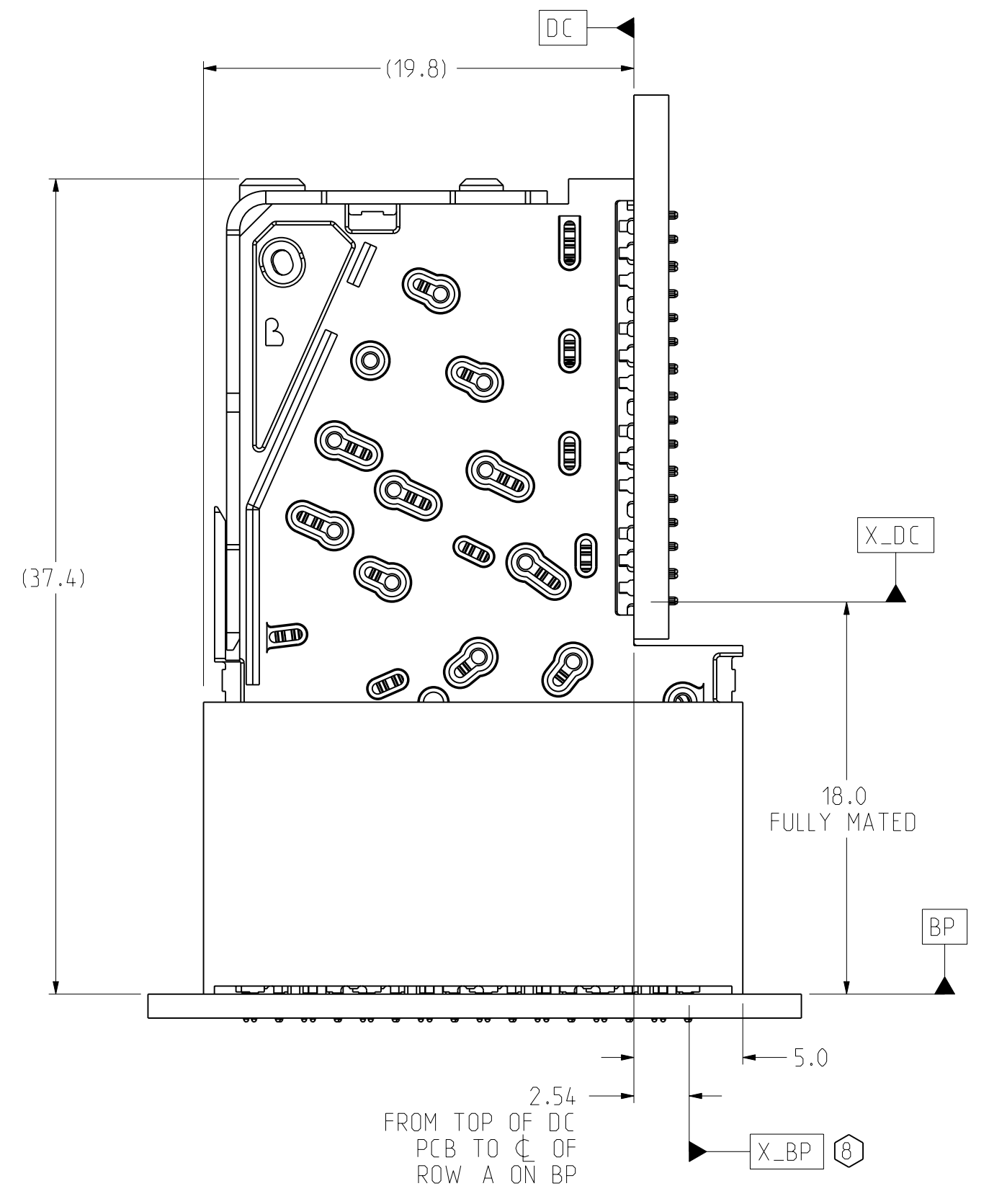
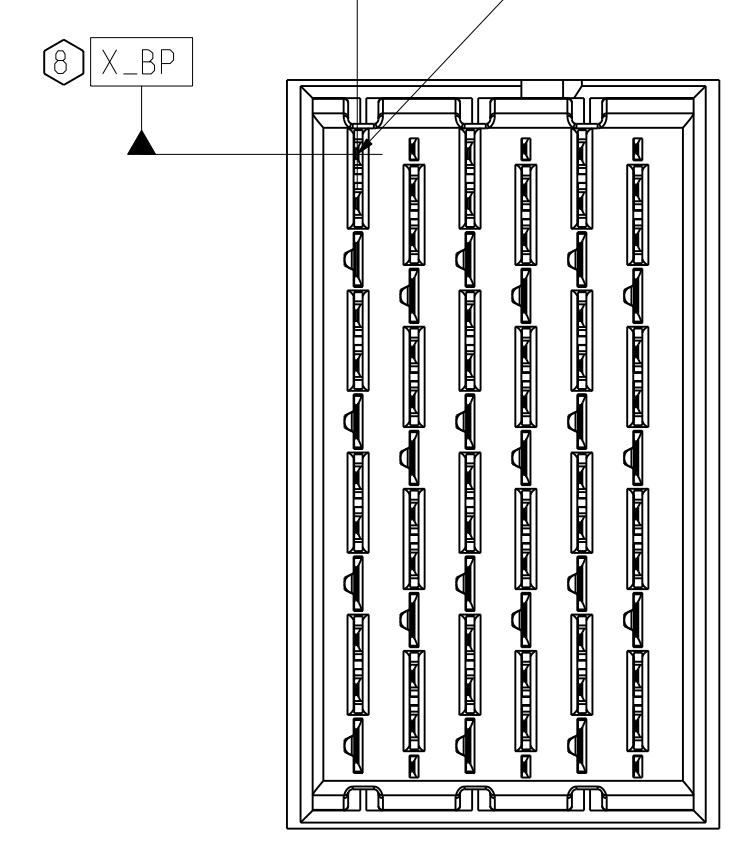
CUSTOMER USE DRAWING

DRW NO. C951-400C-500

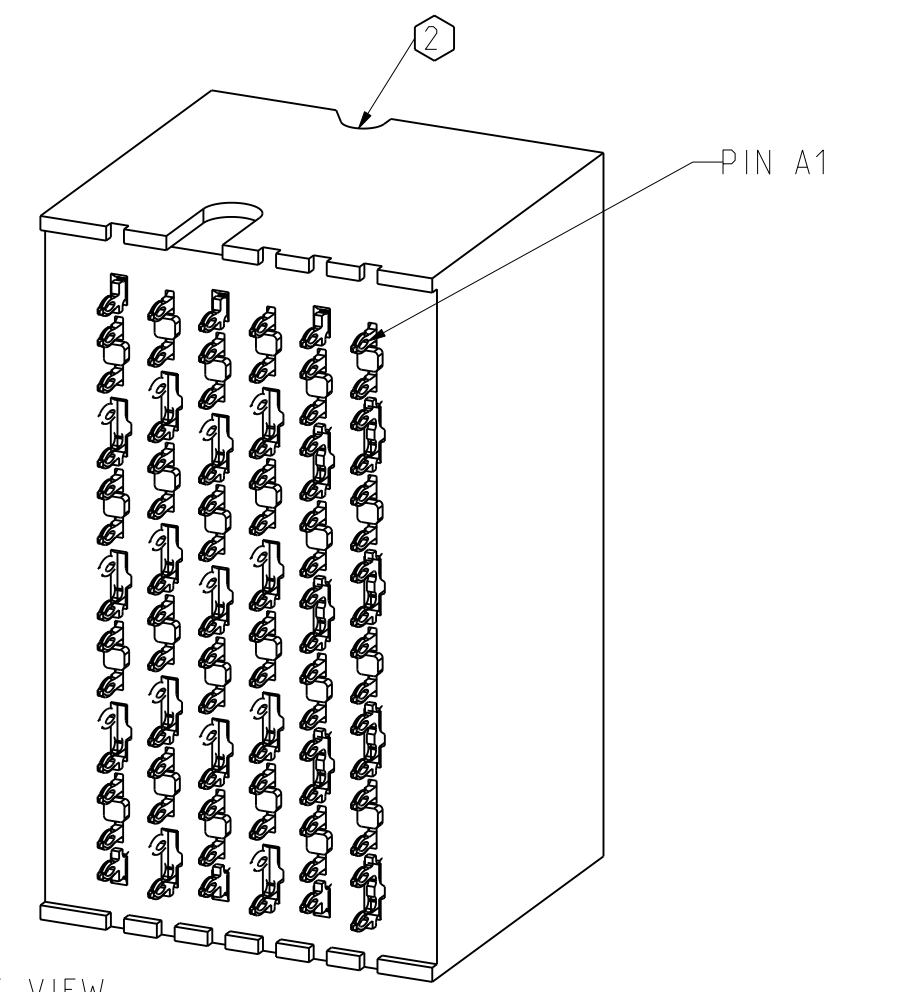
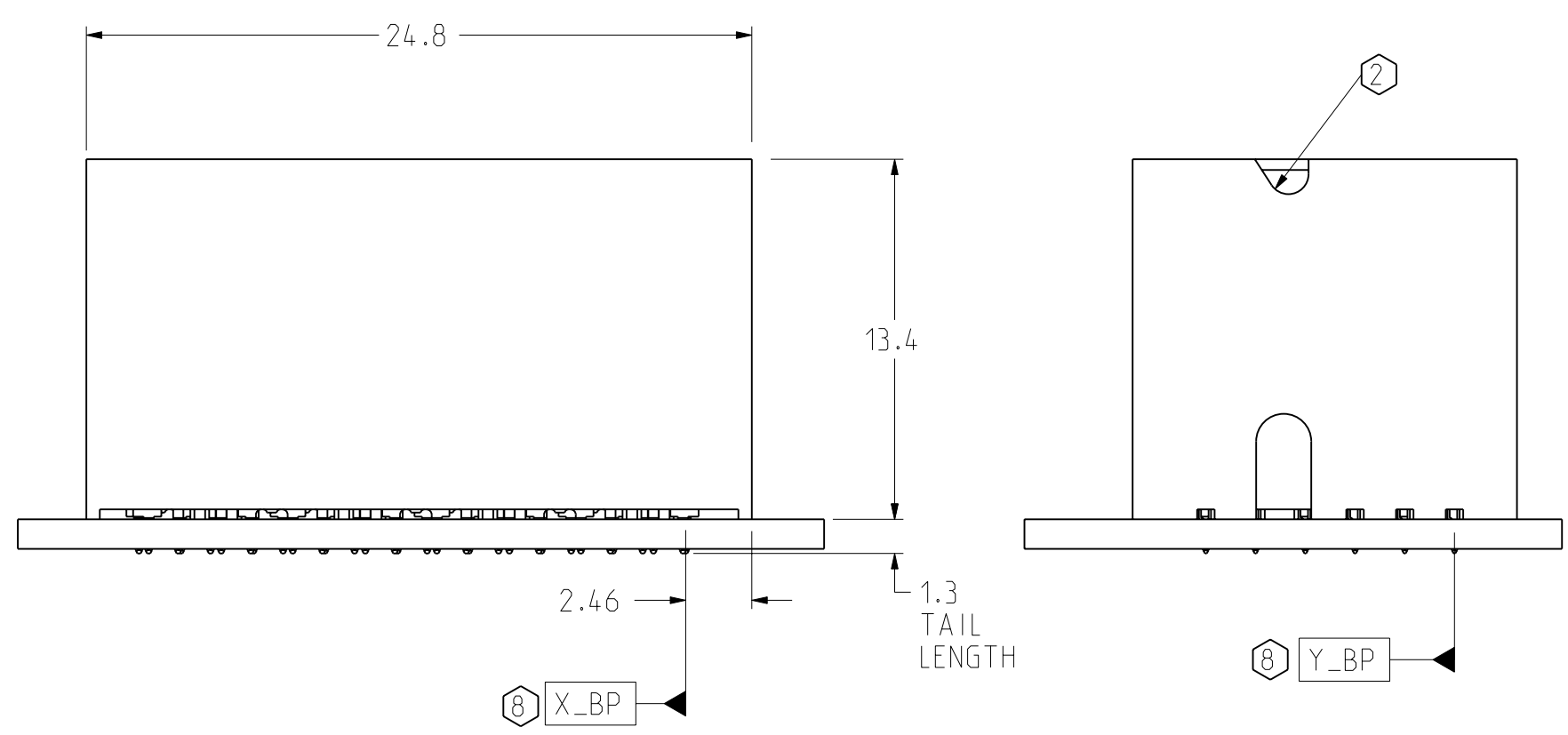
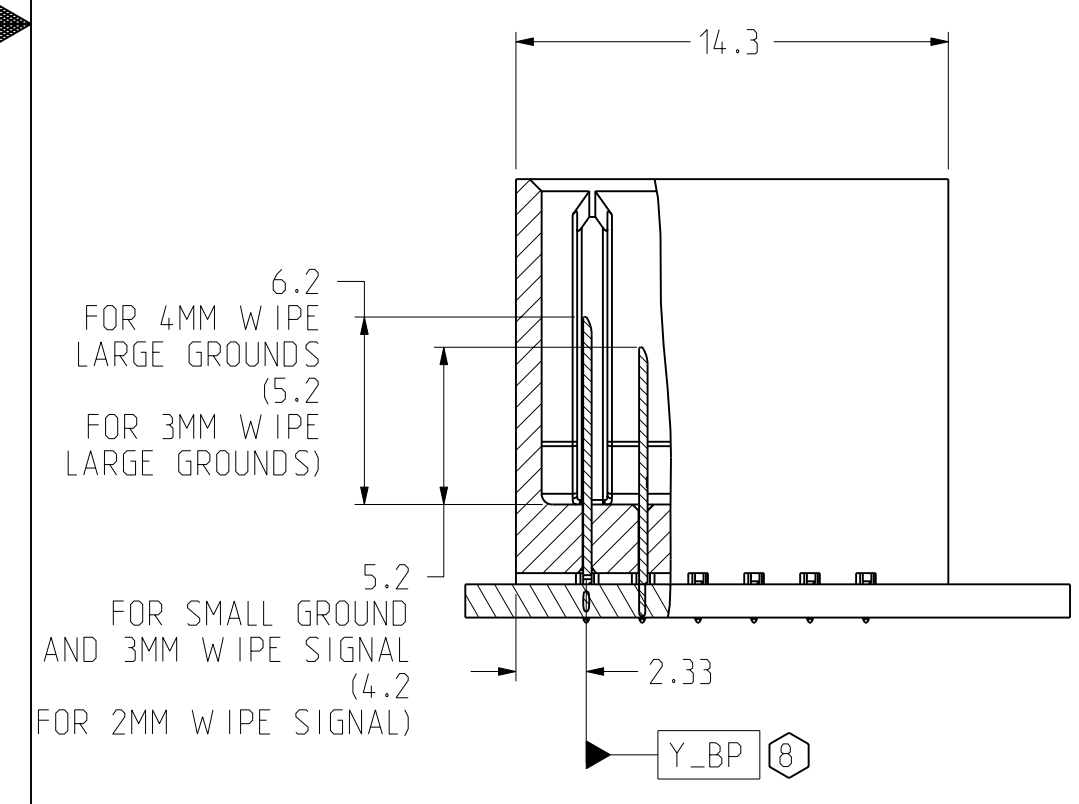
SH 6 REV B

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			

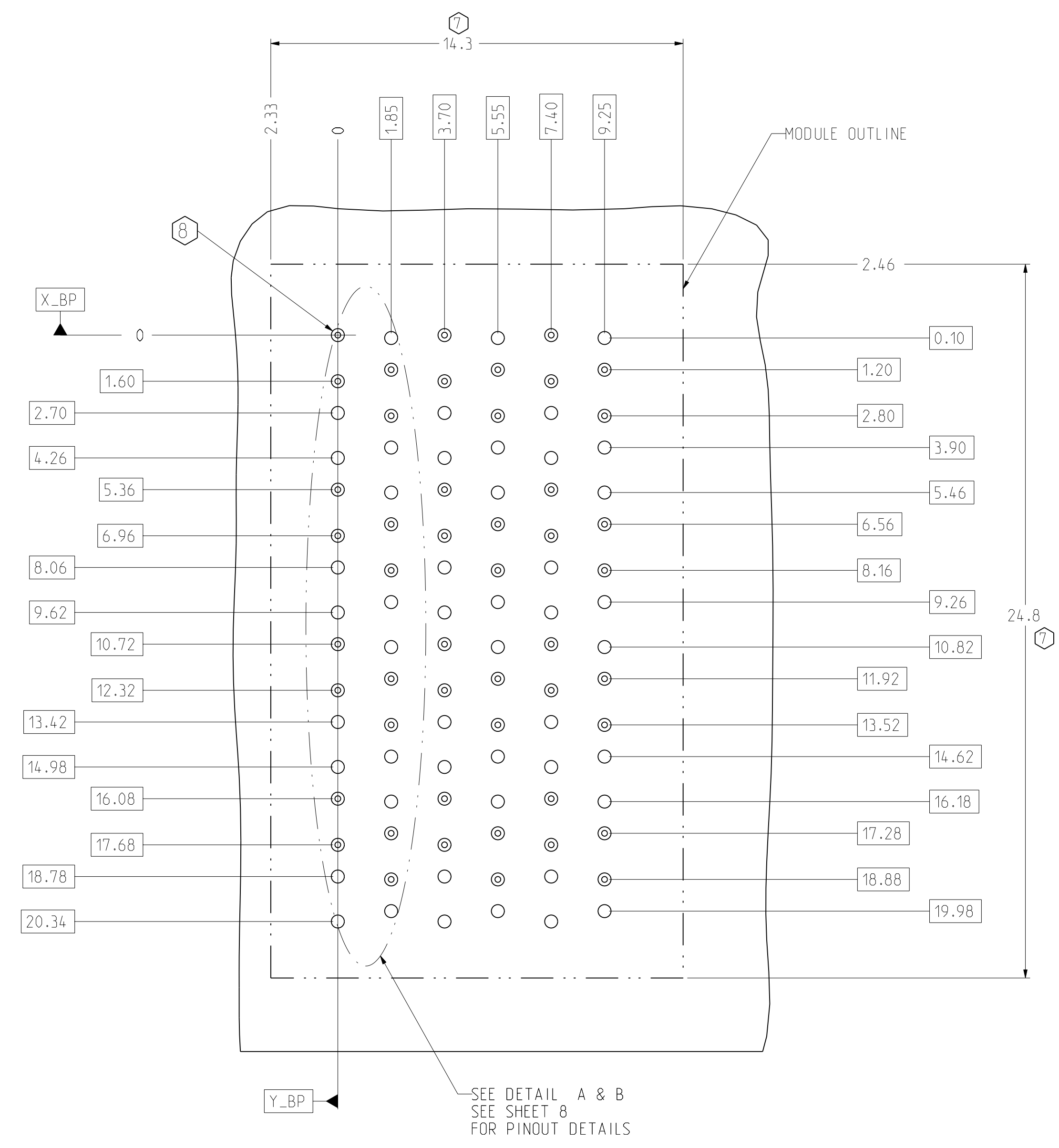
DATUMS X_BP AND Y_BP INTERSECT THE SIGNAL A1 VIA ON BACKPLANE



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

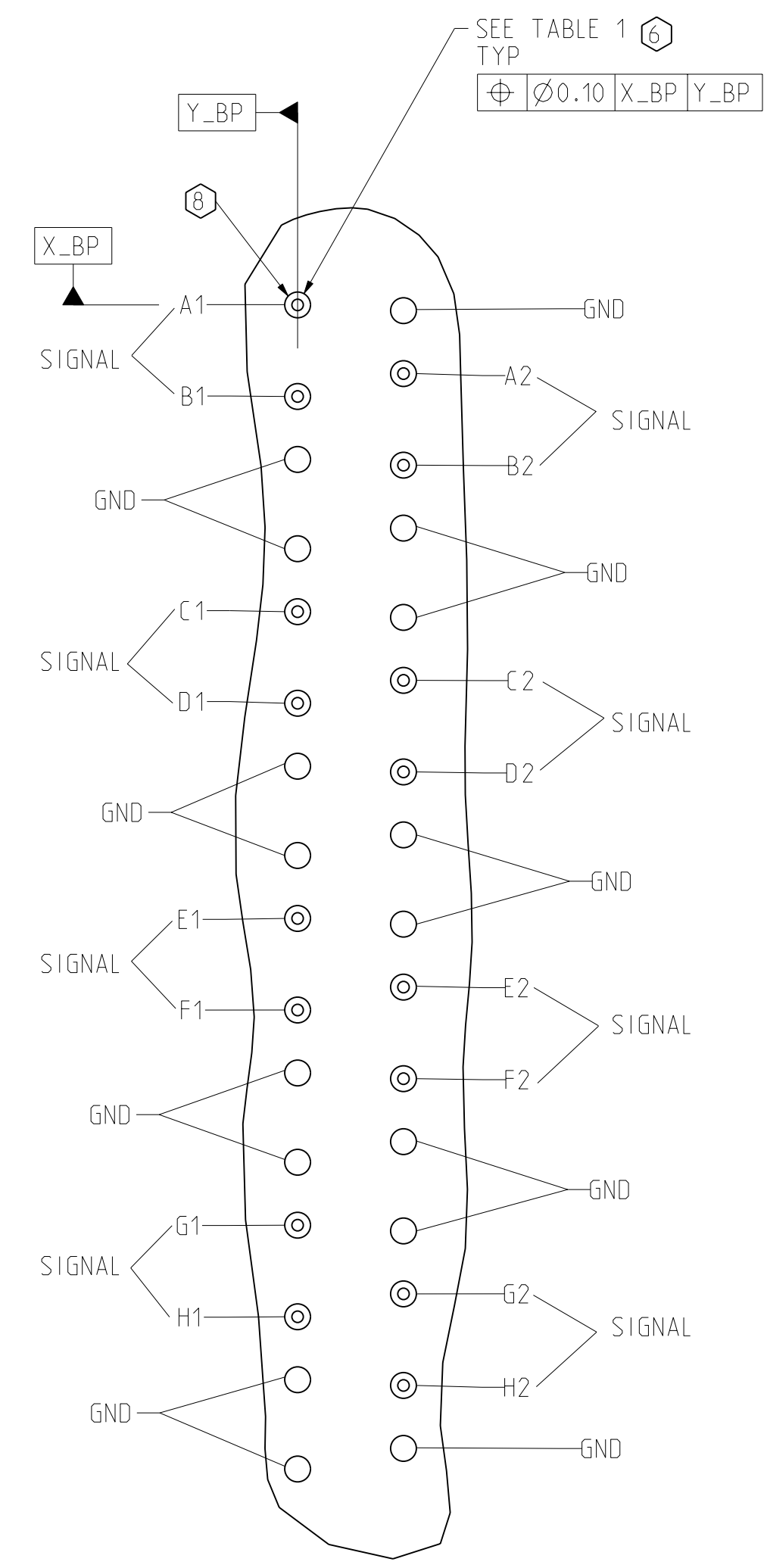
TOLERANCES		DESIGN	10/04/2006	LEIGHTON	
0.0	±0.25	DRAWN	01/04/2006	LEIGHTON	
0.00	±0.13	CHK	10/05/2006	A.PFAHNL	
0.000	±	APVD	10/06/2006	A.PFAHNL	
ANGLES	± 3°	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS PERIOD			

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
PART NO.	SEE PN TREE SHEET 1	REV	N/A
DRAWING NO.	C951-400C-500	REV	B
	ProE ASSEM C951-4-BP4 C951-400C-500.drw	14.7	B.O
SIZE	D	SCALE	4/1
		SHEET 7 OF 8	

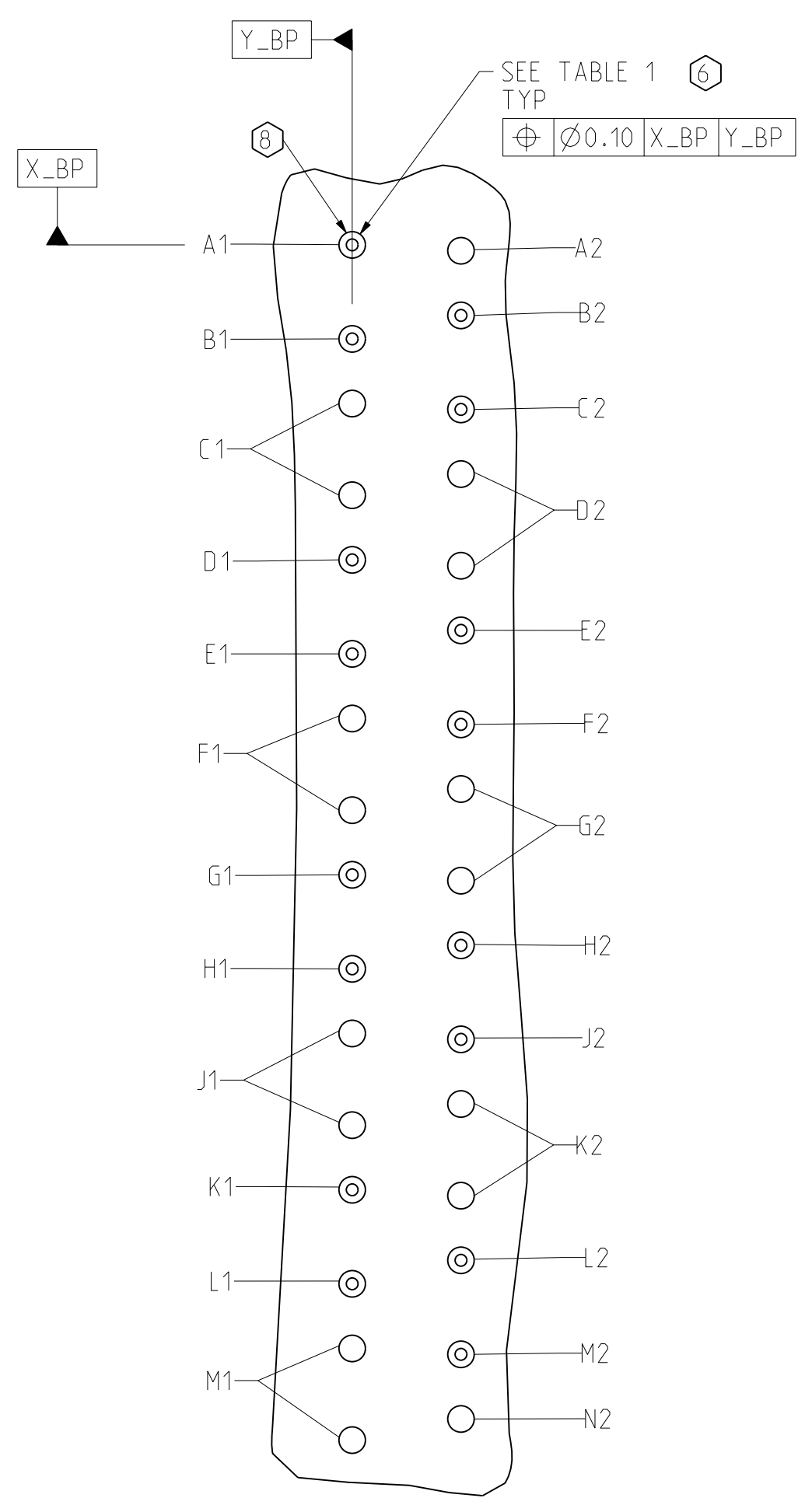
INTERPRET PER ASME Y14.5M
CODE IDENT 31413

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	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	
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	$\pm -$	APVD 10/06/2006 A.PFAHNL		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS PERIOD	ProE ASSEM C951-4--BP4 C951-400C-500.drw	14.7 B.0
ANGLES	$\pm 3^\circ$		CUSTOMER USE DRAWING		SIZE D SCALE 4/1 SHEET 8 OF 8	

INTERPRET PER ASME Y14.5M
CODE IDENT 31413

C951-400C-500

SH 8 REV B

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

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «**JONHON**», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «**FORSTAR**».



JONHON

«**JONHON**» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«**FORSTAR**» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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