

ZONE	REV	ECN NUMBER	DESCRIPTION	BY	DATE	APPROVED
SHT1, B8	F	DCOY-AB4NPZ.VER01	UPDATED PART MARKING REQUIREMENTS	HCL-DC	06/22/2016	D.COVEY
SHT1	G	JN11-19082209	ADDED PLATING OPTIONS "R" AND "U" TO P/N TREE	HCL-SG	09/04/2019	J.NI
SHT1 C1-C3	H	JN11-21121001	ADDED PLATING OPTIONS "P" TO P/N TREE.	HCL-SH	12/13/2021	J.NI

XCede HD BACKPLANE MODULE MALE STANDARD LOAD

NOTE: ONLY THREE MOST RECENT RELEASED REVISIONS DISPLAYED.

9 2 3 - 4 X 0 C - X X X

4 PAIR 6-POSITION

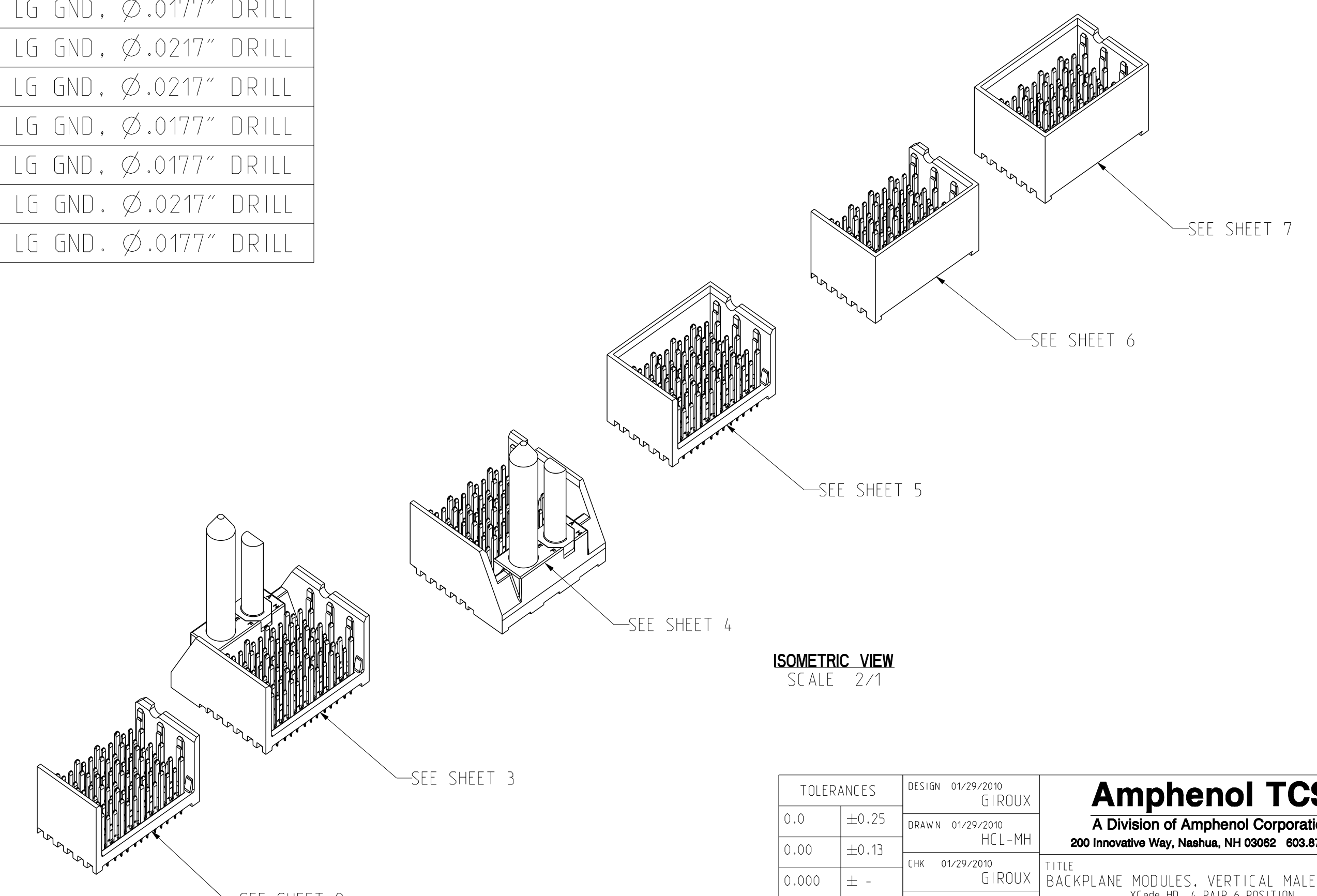
	LETTER										
LEFT POLARIZING GUIDANCE (SEE SHEET 3)	J (NO KEY)	A	B	C	D	E	F	G	H		
RIGHT POLARIZING GUIDANCE (SEE SHEET 4)	Y (NO KEY)	P	Q	R	S	T	U	V	W		
OPEN (SEE SHEET 2)	O (ZERO)										
LEFT WALL (SEE SHEET 5)	L										
RIGHT WALL (SEE SHEET 6)	M										
TWO WALL (SEE SHEET 7)	1										

NUMBER	PIN STYLE, HEIGHT
0	GUIDE PIN MACHINED, 28.5mm / OPEN MODULE

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

LETTER	PLATING
B	NI SULFAMATE, STANDARD GOLD, LEADED
C	NI SULFAMATE, HIGH GOLD, LEADED
D	NI SULFAMATE, STANDARD GOLD, LEADFREE
E	NI SULFAMATE, HIGH GOLD, LEADFREE
F	NANO NI, STANDARD GOLD, LEADED
G	NANO NI, HIGH GOLD, LEADED
H	NANO NI, STANDARD GOLD, LEADFREE
J	NANO NI, HIGH GOLD, LEADFREE
R	NANO NI BILAYER, STANDARD GOLD, LEADFREE
U	NANO NI BILAYER, HIGH GOLD, LEADFREE
P	Pd-NI, STANDARD GOLD, LEADFREE

- NOTES:
- REFER TO TB-2308 FOR XCede HD PRODUCT SPECIFICATIONS.
 - NOTCH DESIGNATES "ROW A" SIDE OF SHROUD. NOTCH FEATURE ON OPPOSITE SIDE FROM PART MARKING.
 - SEE TB-2325 FOR PART MARKING REQUIREMENTS.
 - 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-2245.
 - SEE TB-2237 FOR ROUTING GUIDELINES & PTH REQ'S.
 - SEE DOC XXXX-XXXX-XXX FOR TOOLING KEEPOUT ZONES.
 - BACKPLANE DATUM REFERENCE.
 - DIMENSIONS APPLY FOR BOTH COMPLIANT PIN SIZES.
 - OPTIONAL HOLE/MOUNTING SCREW LOCATION FOR GROUNDED PIN OR ADDITIONAL GUIDE PIN SUPPORT. SEE DRAWING C-914-4010-000 FOR OPTIONAL HOLE DETAILS. ONLY APPLIES FOR MACHINED GUIDE PIN APPLICATIONS.



ISOMETRIC VIEW
SCALE 2/1

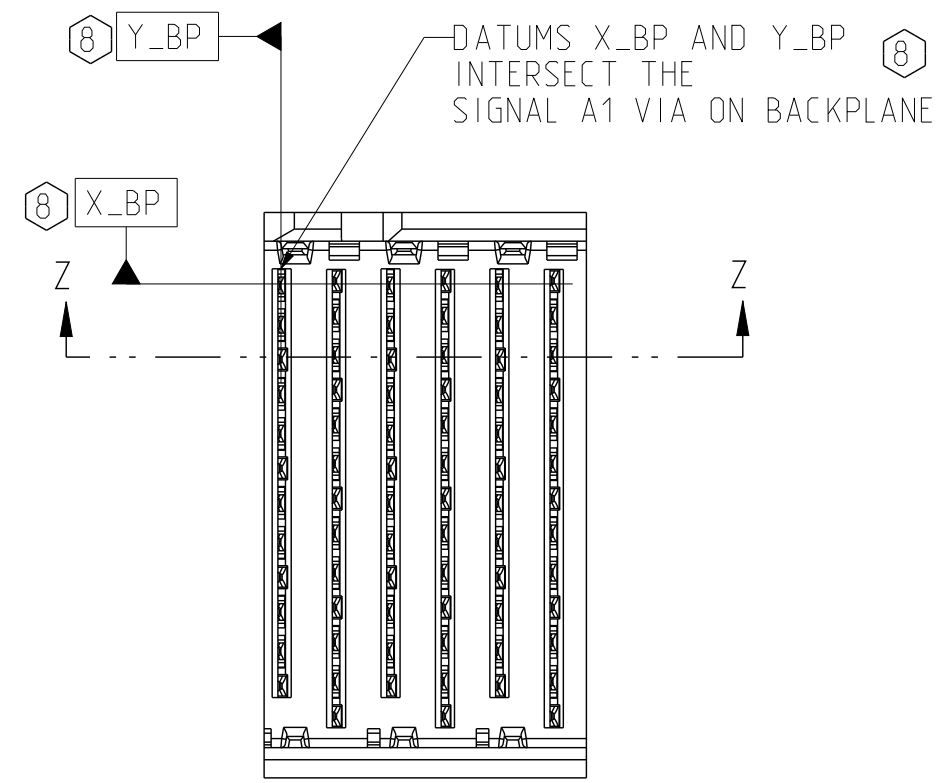
TOLERANCES	DESIGN	DATE	DESIGNER	Amphenol TCS A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03082 603.879.3000
0.0	±0.25	01/29/2010	GIROUX	
0.00	±0.13	01/29/2010	HCL-MH	
0.000	±	01/29/2010	GIROUX	
ANGLES	± 3°	01/29/2010	APVD	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD.		TITLE: BACKPLANE MODULES, VERTICAL MALE HEADER XCede HD, 4 PAIR 6 POSITION	
PART NO.	SEE PN TREE SHEET 1	PART NO.	SEE PN TREE SHEET 1
DRAWING NO.	C-923-400C-500	REV	N/A
		REV	H
		ASSEM	C-923-400C-500 1.6
		DRAWING	C-923-400C-500 B.10
SIZE	D	SCALE	1/1
		SHEET	1 OF 8

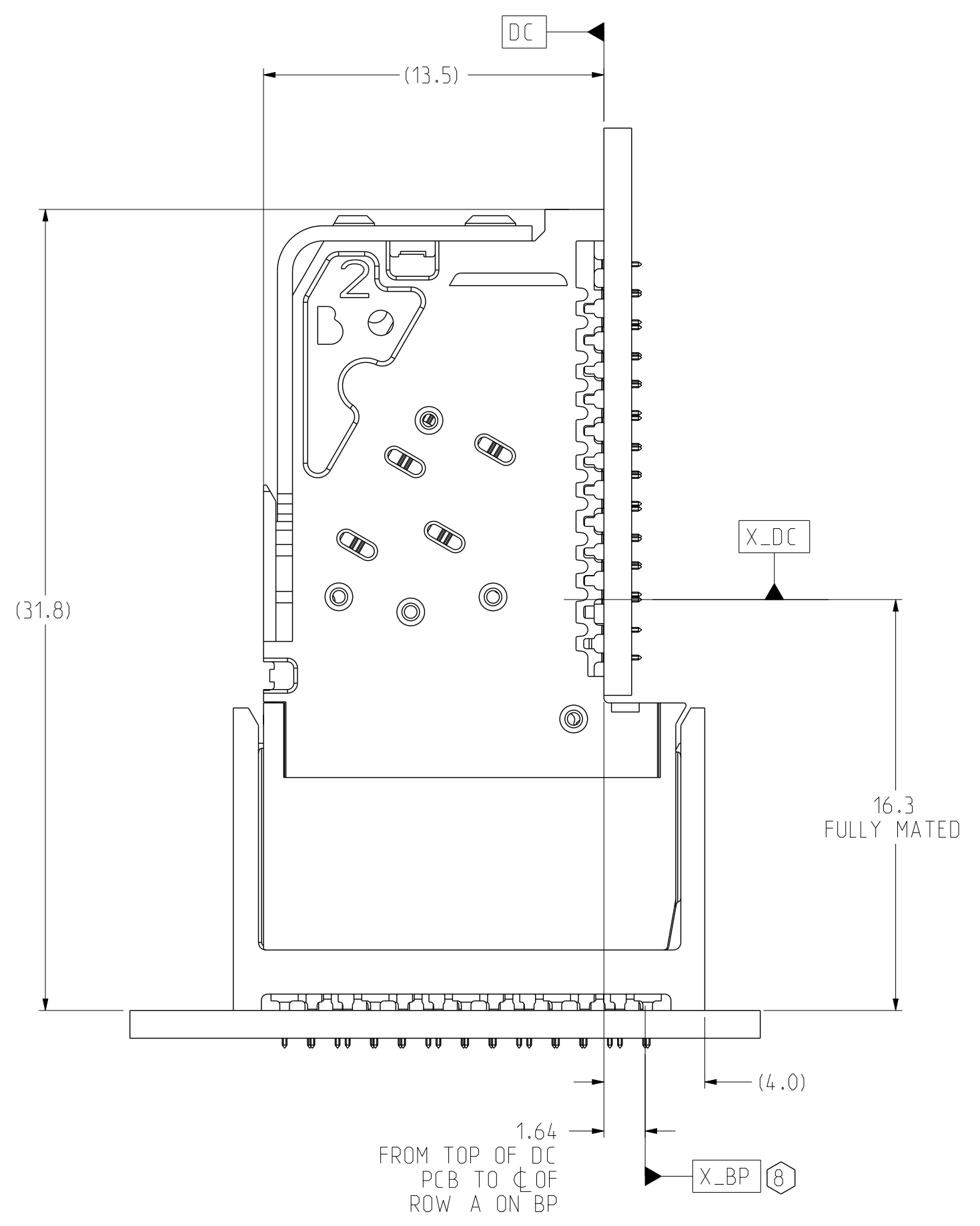
INTERPRET PER ASME Y14.5M
CODE IDENT 31413

CUSTOMER USE
DRAWING

ZONE	REV	ECN NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			

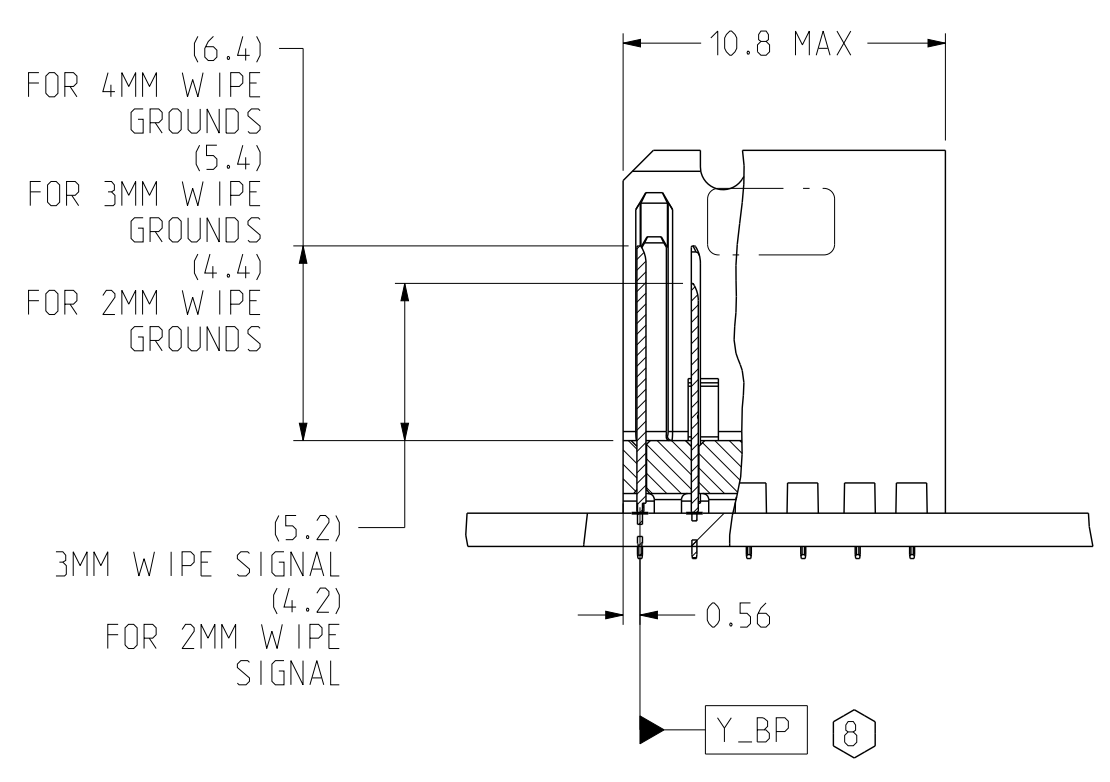


OPEN BACKPLANE MODULE DIMENSION

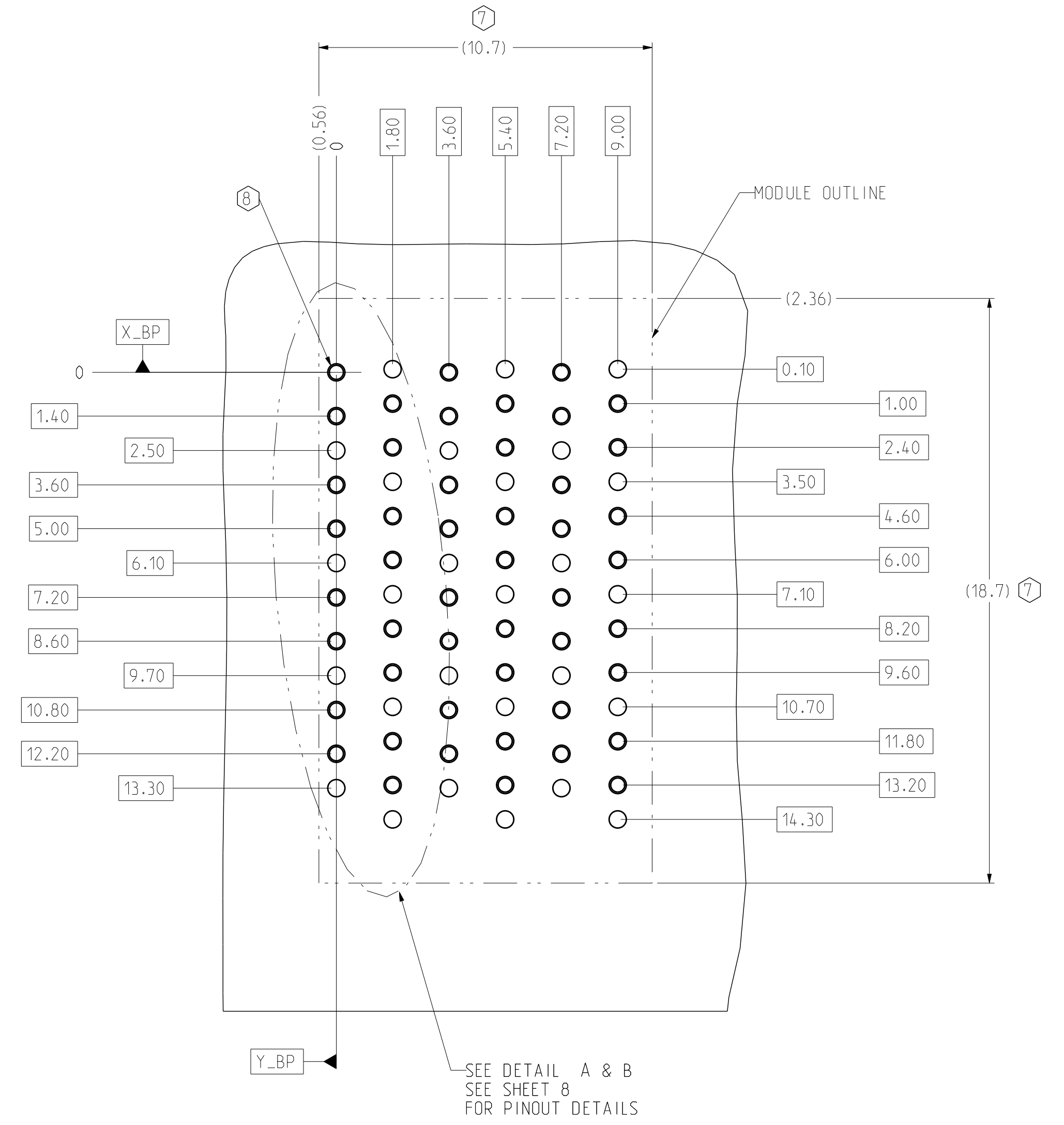
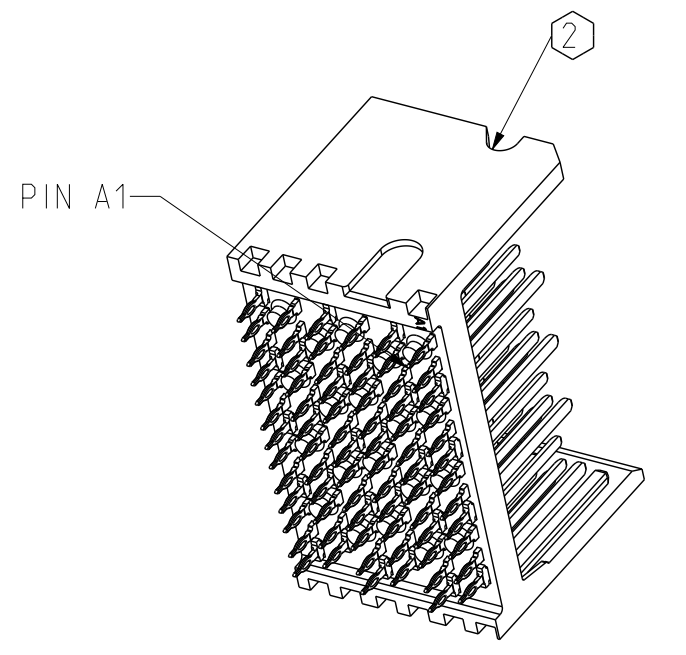
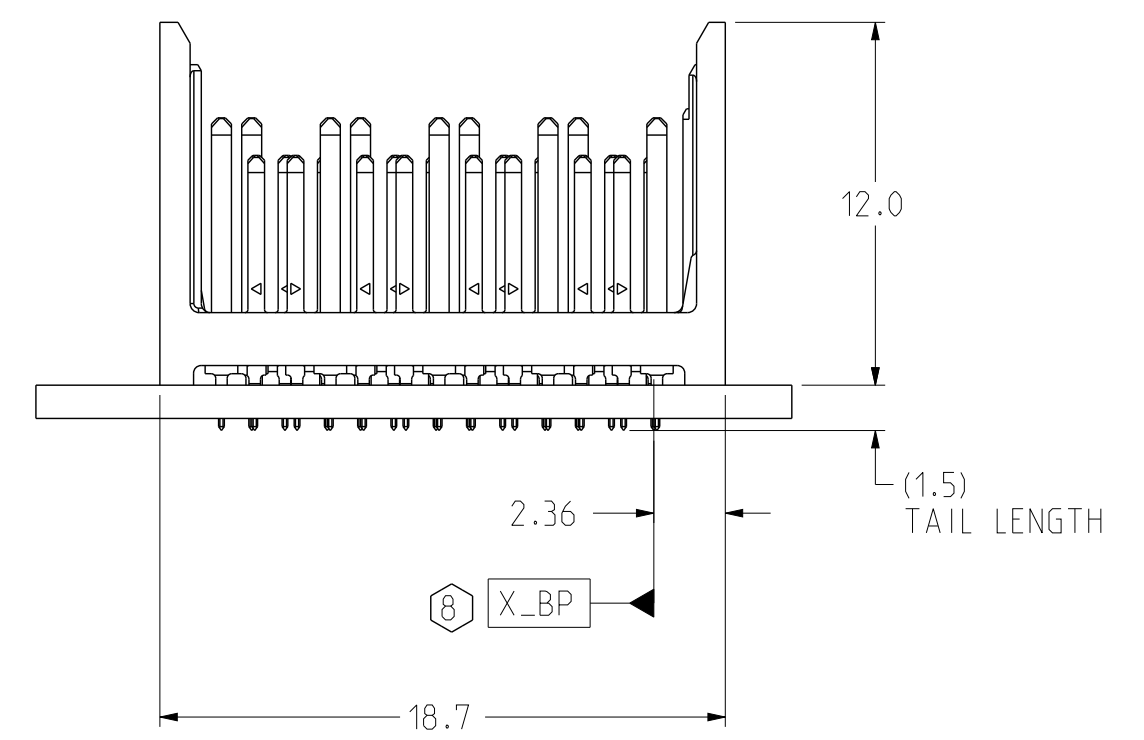


1.64 FROM TOP OF DC PCB TO ϕ OF ROW A ON BP

CONNECTOR REFERENCE
SCALE 5/1



SECTION Z-Z



BP HOLE PATTERN COMPONENT SIDE
SCALE 8/1

OPEN BACKPLANE FOOTPRINT

TOLERANCES	DESIGN	DATE	DESIGNER
0.0 ±0.25	01/29/2010		GIROUX
0.00 ±0.13	01/29/2010		HCL-MH
0.000 ± -	01/29/2010		GIROUX
ANGLES ± 3°	01/29/2010		APVD

Amphenol TCS
A Division of Amphenol Corporation
200 Innovative Way, Nashua, NH 03082 603.879.3000

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

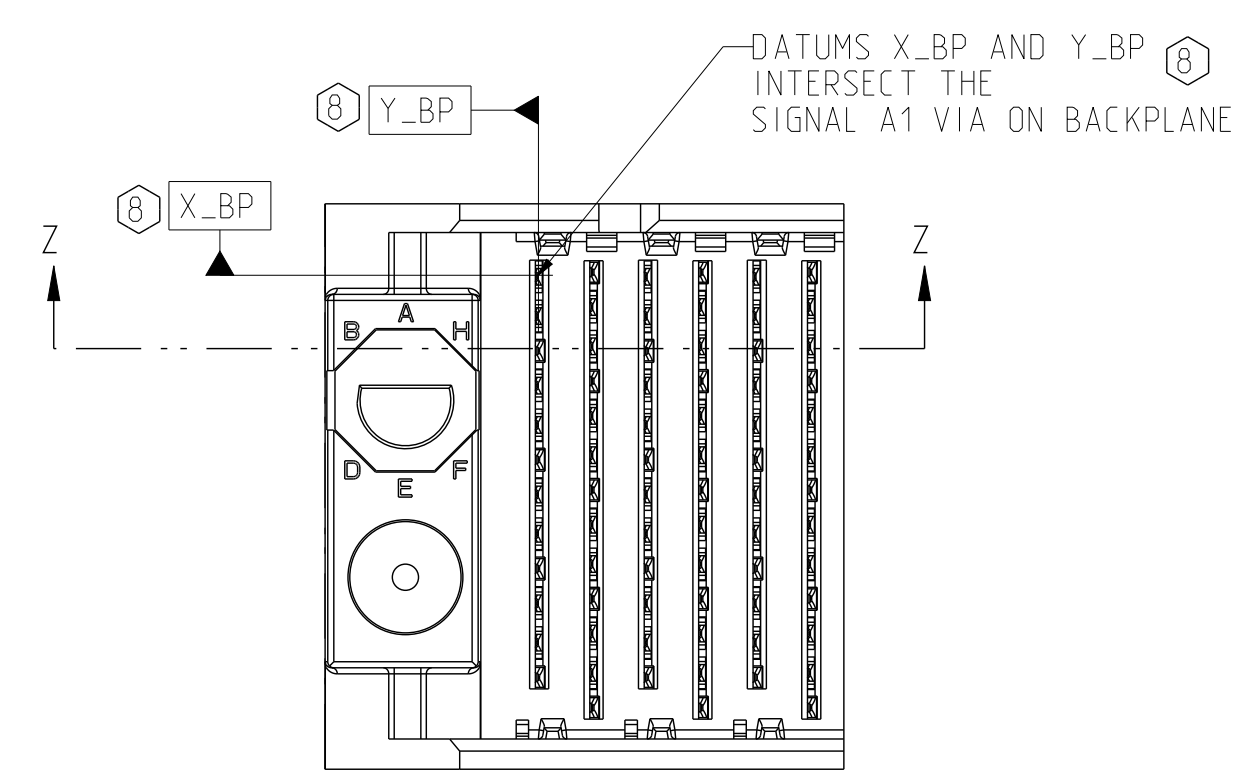
INTERPRET PER ASME Y14.5M
CODE IDENT 31413

PART NO. SEE PN TREE SHEET 1
DRAWING NO. C-923-400C-500

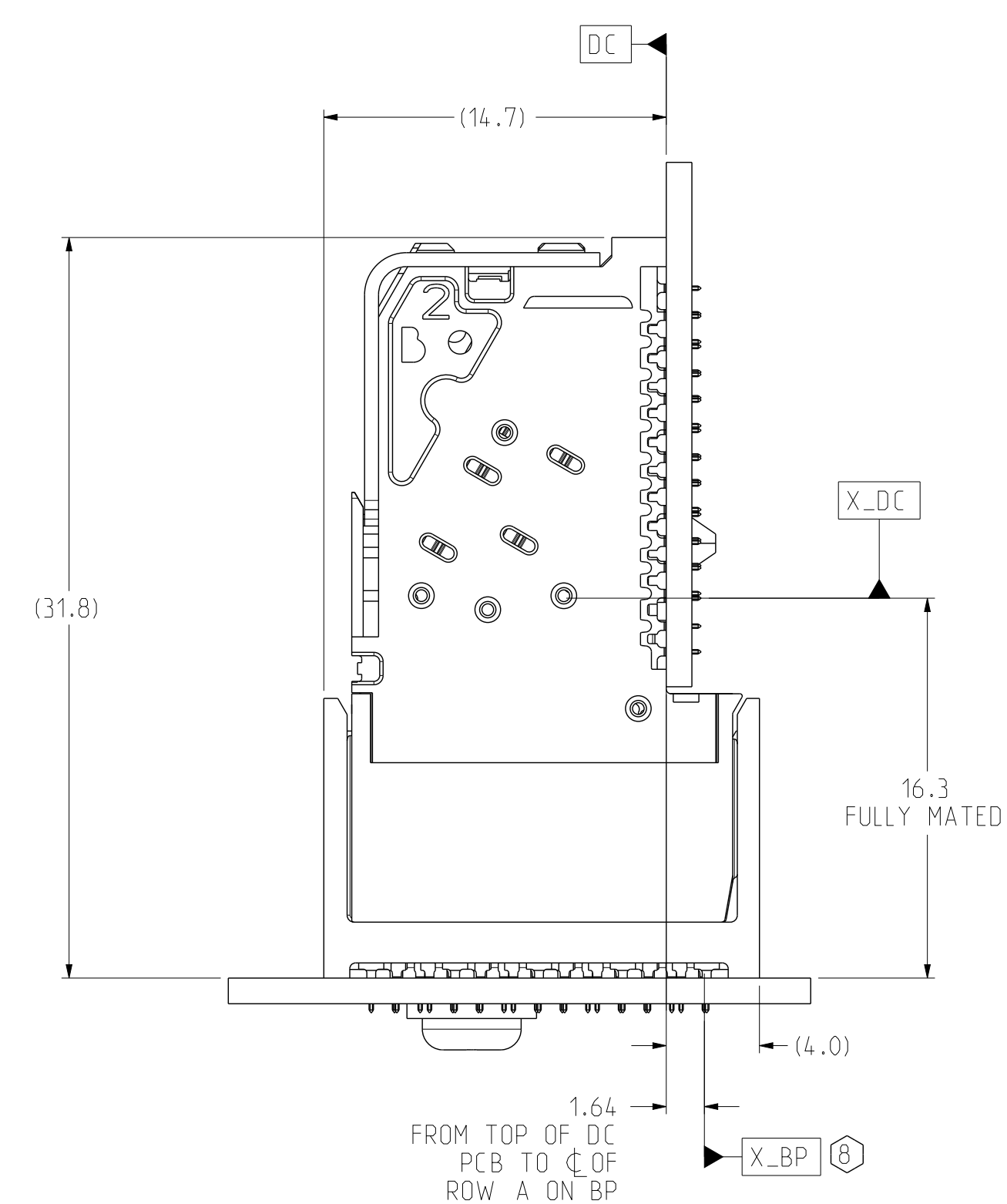
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD.
CUSTOMER USE DRAWING
ASSEMBLY: C923-400C-500
DRAWING: C923-400C-500

REV N/A
REV H
SCALE 1/1
SHEET 2 OF 8

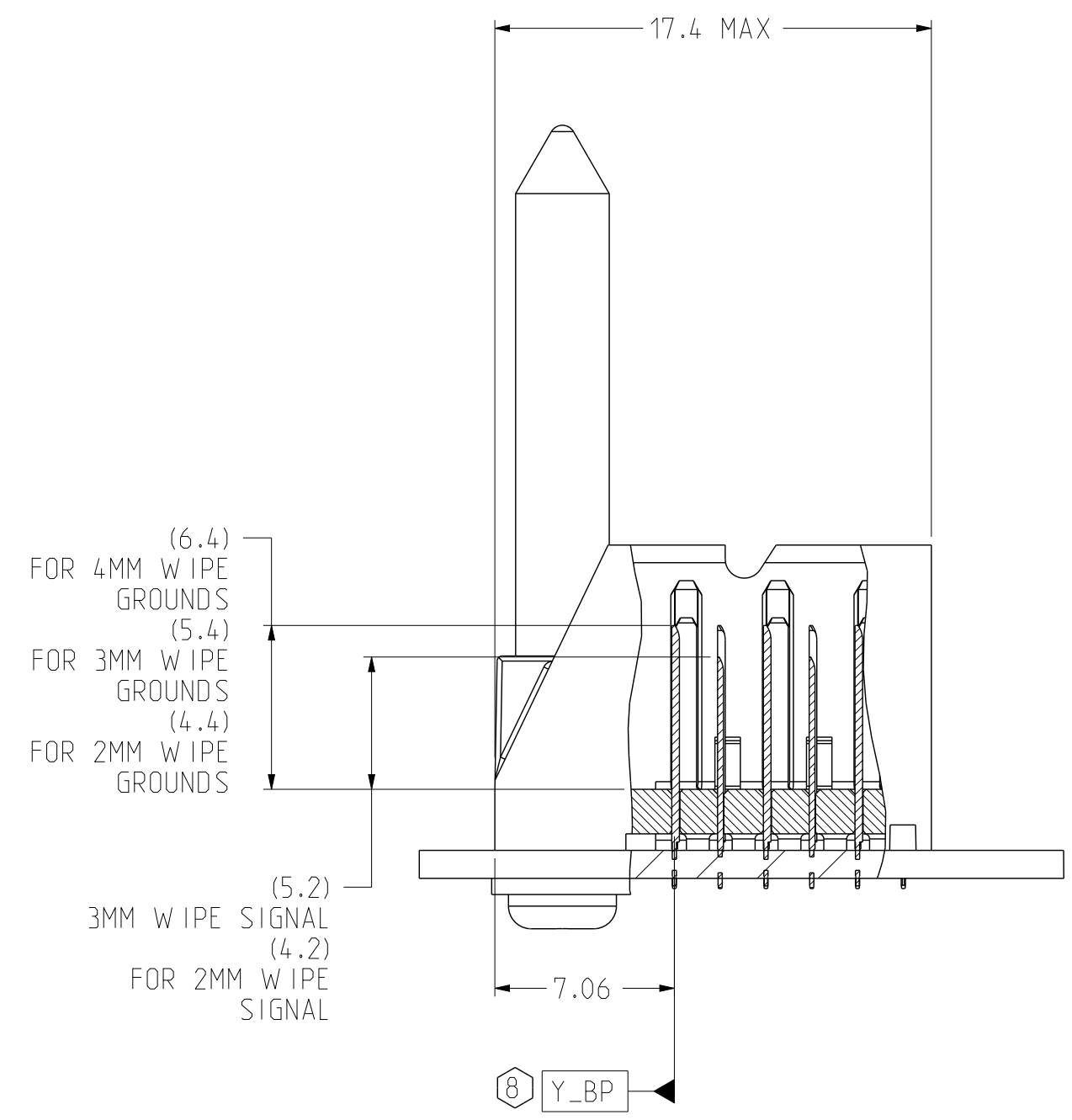
ZONE	REV	ECN NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



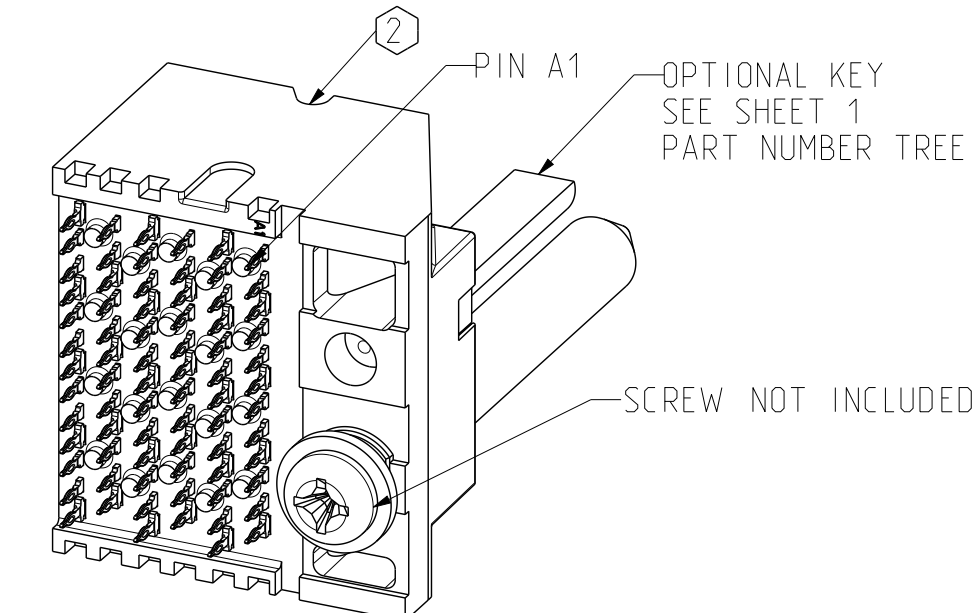
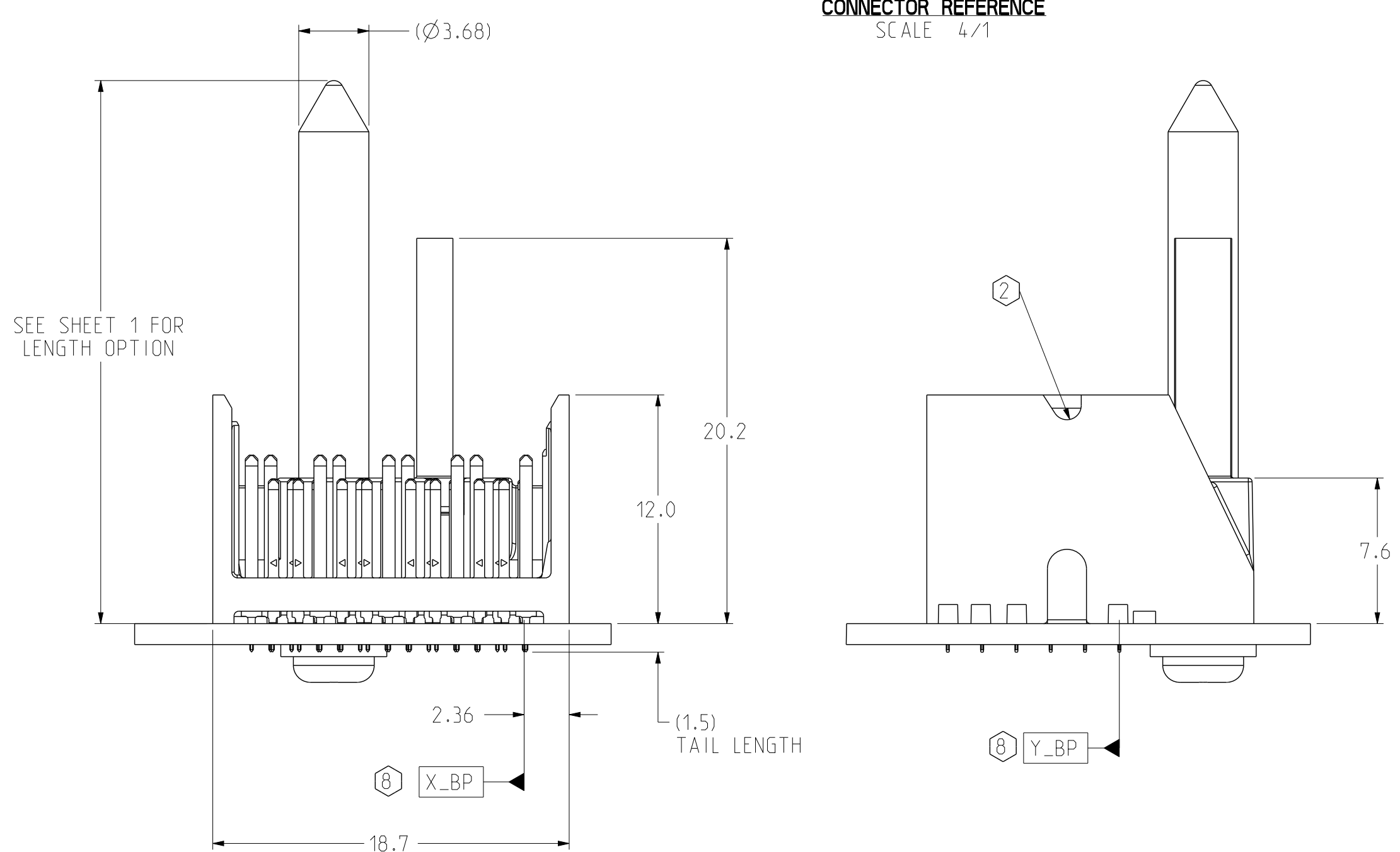
LEFT POLARIZING/GUIDE BACKPLANE MODULE DIMENSION



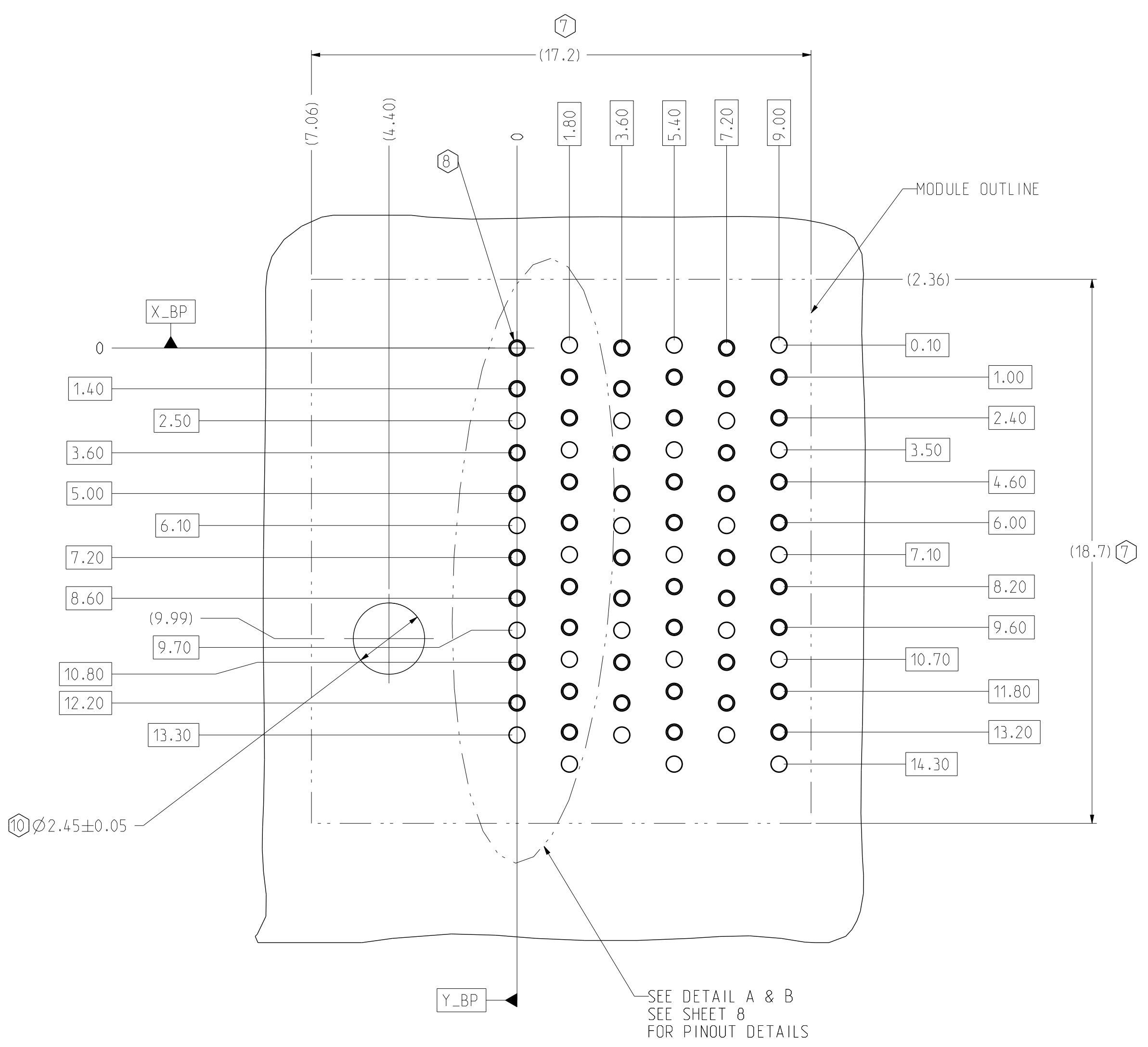
CONNECTOR REFERENCE
SCALE 4/1



SECTION Z-Z



ISOMETRIC VIEW
SCALE 3/1



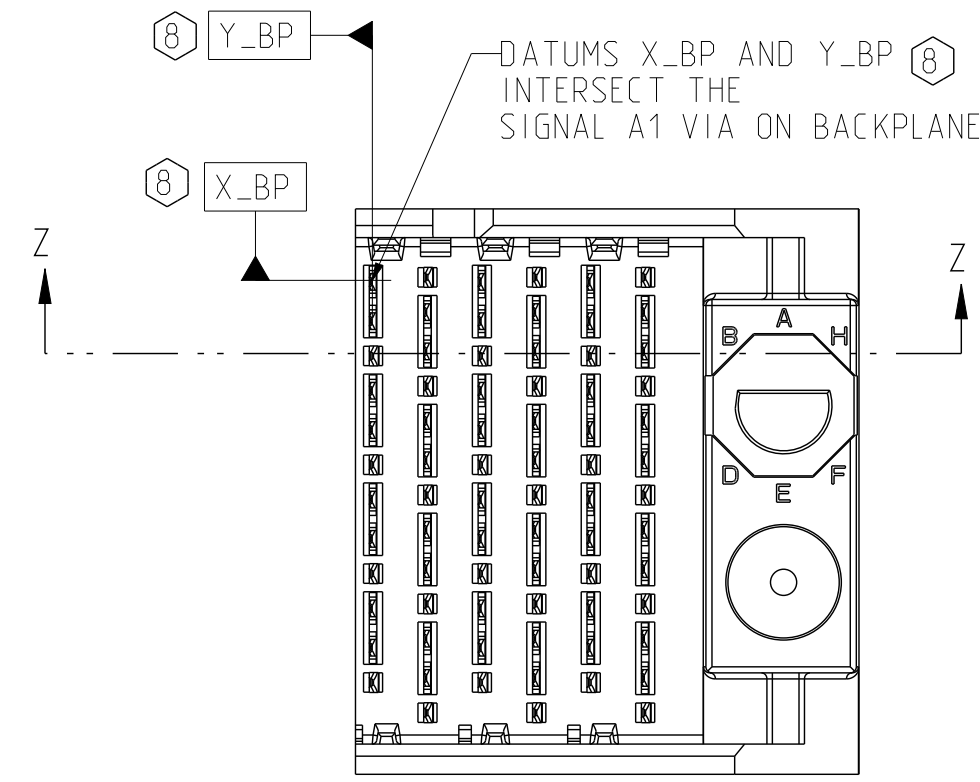
BP HOLE PATTERN COMPONENT SIDE
SCALE 8/1

LEFT POLARIZING/GUIDE BACKPLANE FOOTPRINT

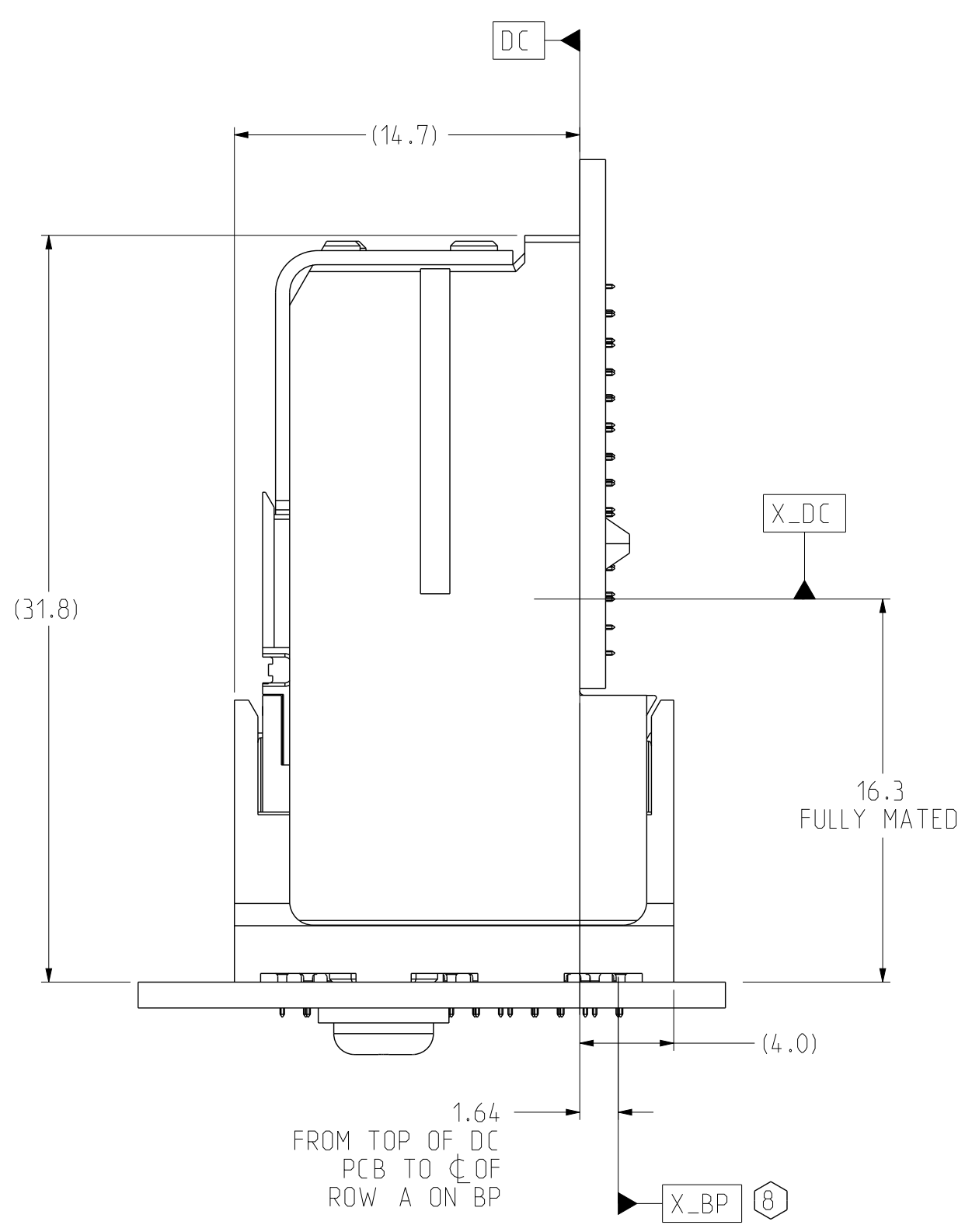
TOLERANCES		DESIGN	Amphenol TCS	
0.0	±0.25	12/18/2009	A Division of Amphenol Corporation	
0.00	±0.13	J.GIROUX	200 Innovative Way, Nashua, NH 03062 603.879.3000	
0.000	± -	01/29/2010	TITLE BACKPLANE MODULES, VERTICAL MALE HEADER	
ANGLES	± 3°	01/29/2010	XCede HD, 4 PAIR 6 POSITION	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD		01/29/2010	PART NO.	SEE PN TREE SHEET 1
INTERPRET PER ASME Y14.5M		01/29/2010	DRAWING NO.	C-923-400C-500
CODE IDENT 31413		01/29/2010	ASSEMBLY	C923-400C-500 1.6
		01/29/2010	DRAWING	C923-400C-500 B.10
SIZE	D	SCALE	1/1	SHEET 3 OF 8

CUSTOMER USE DRAWING

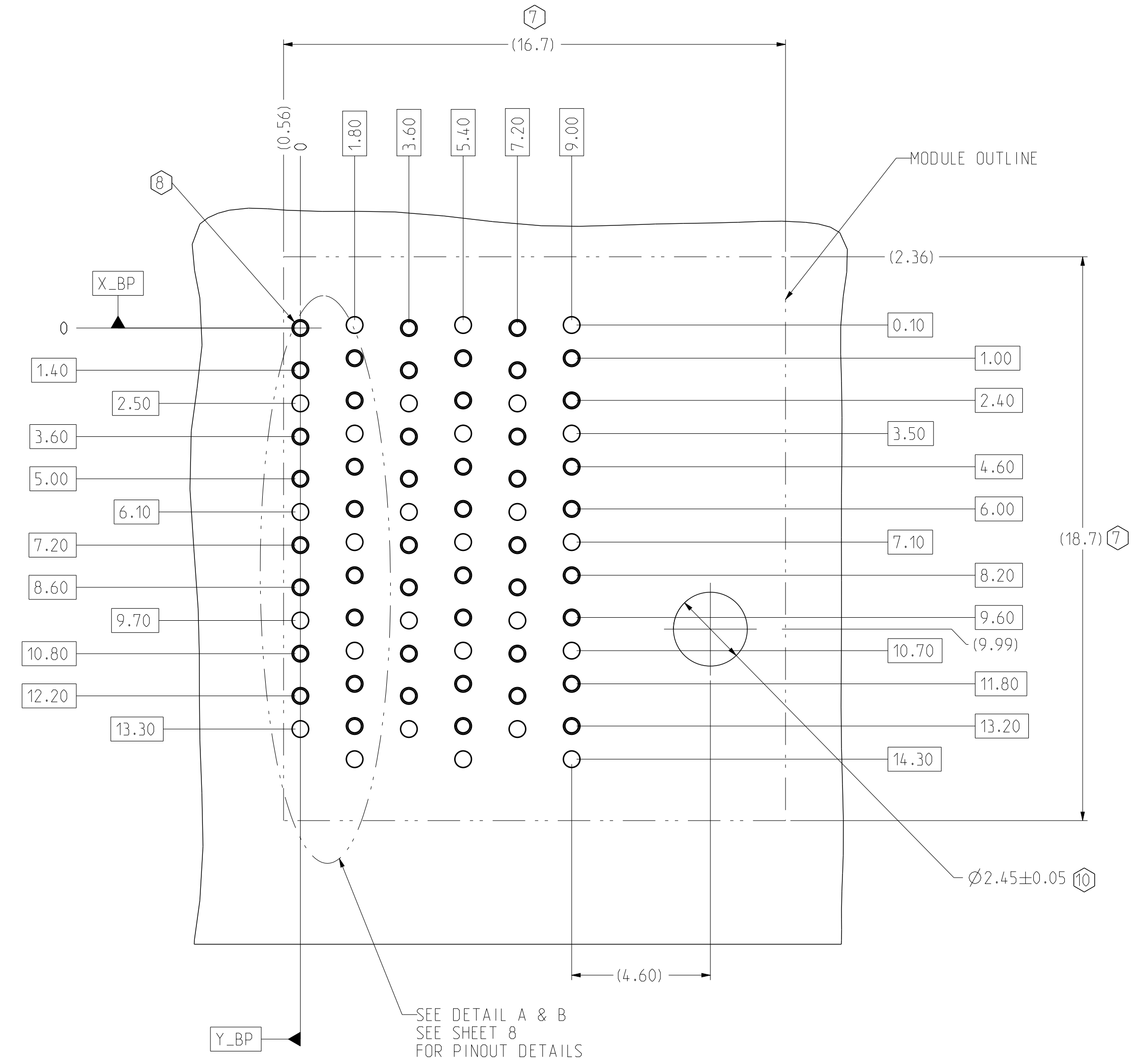
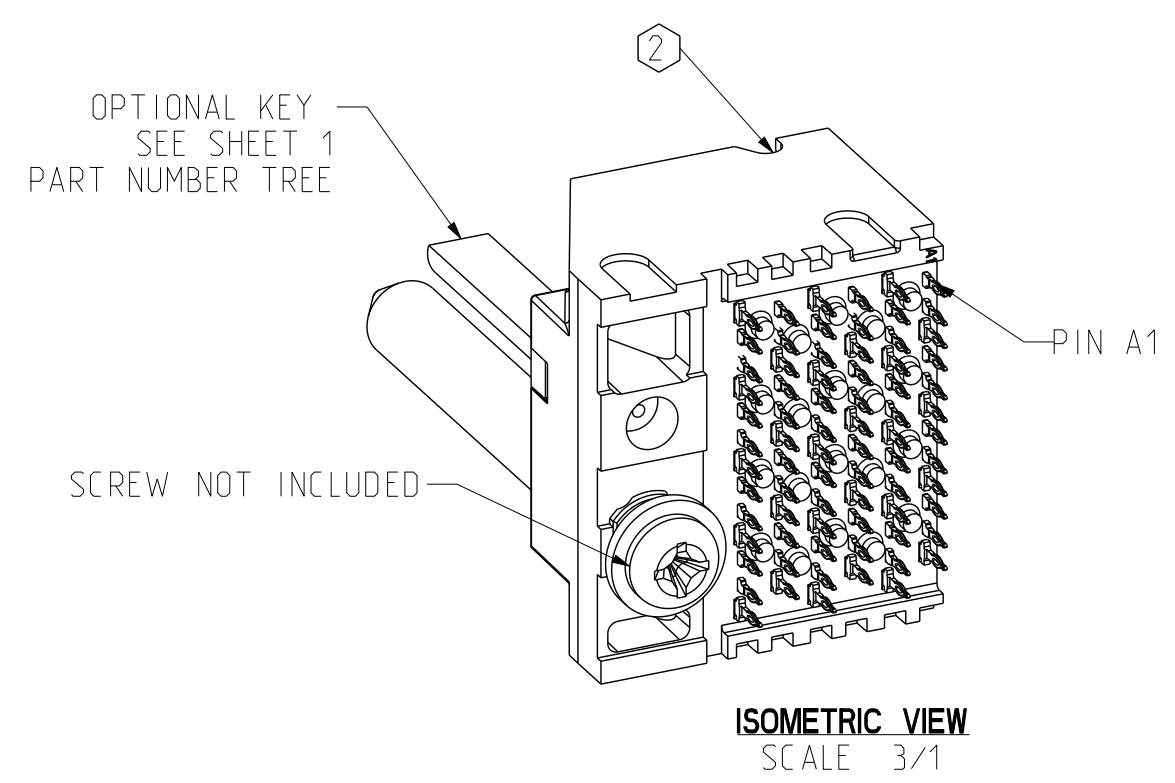
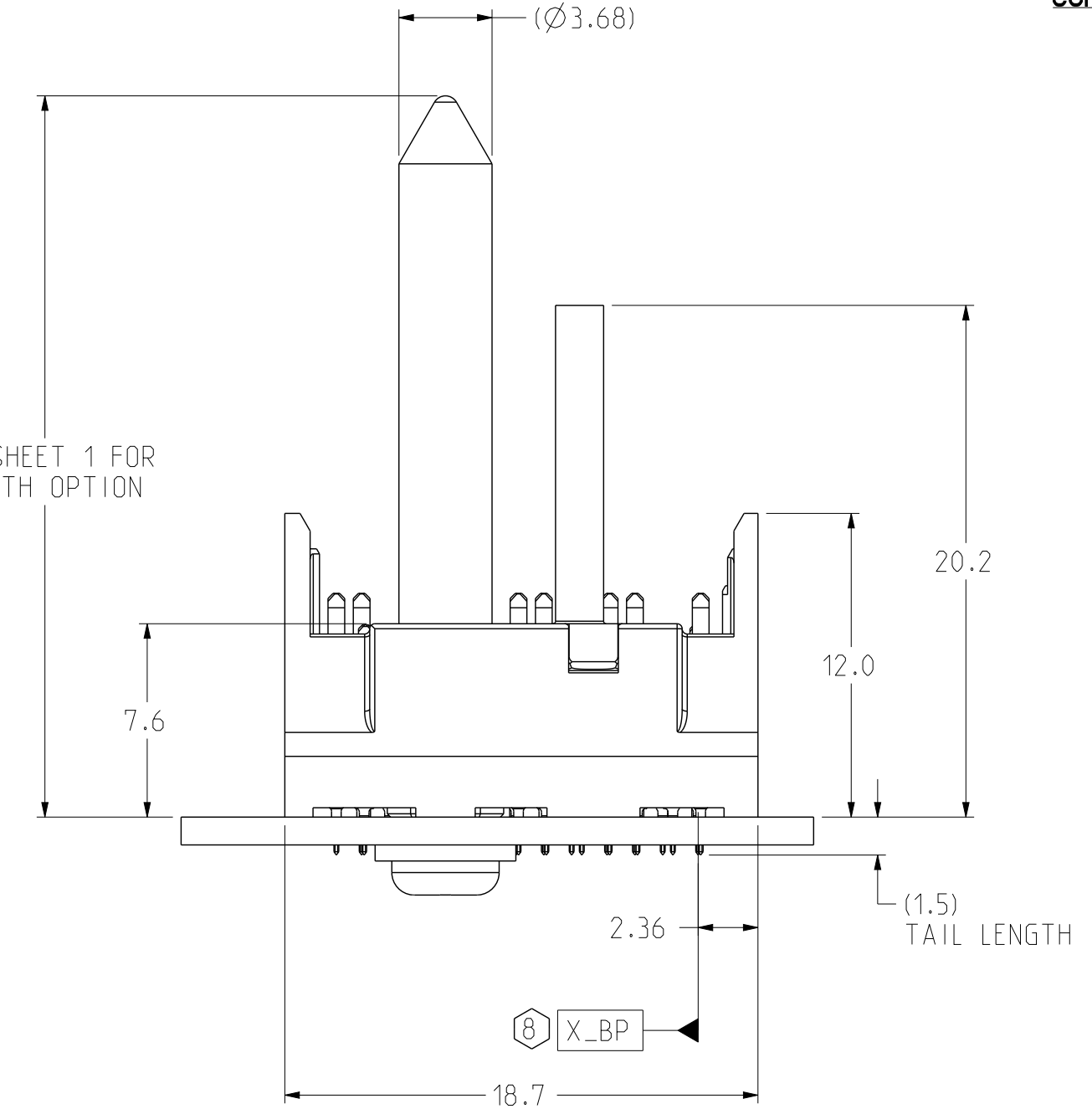
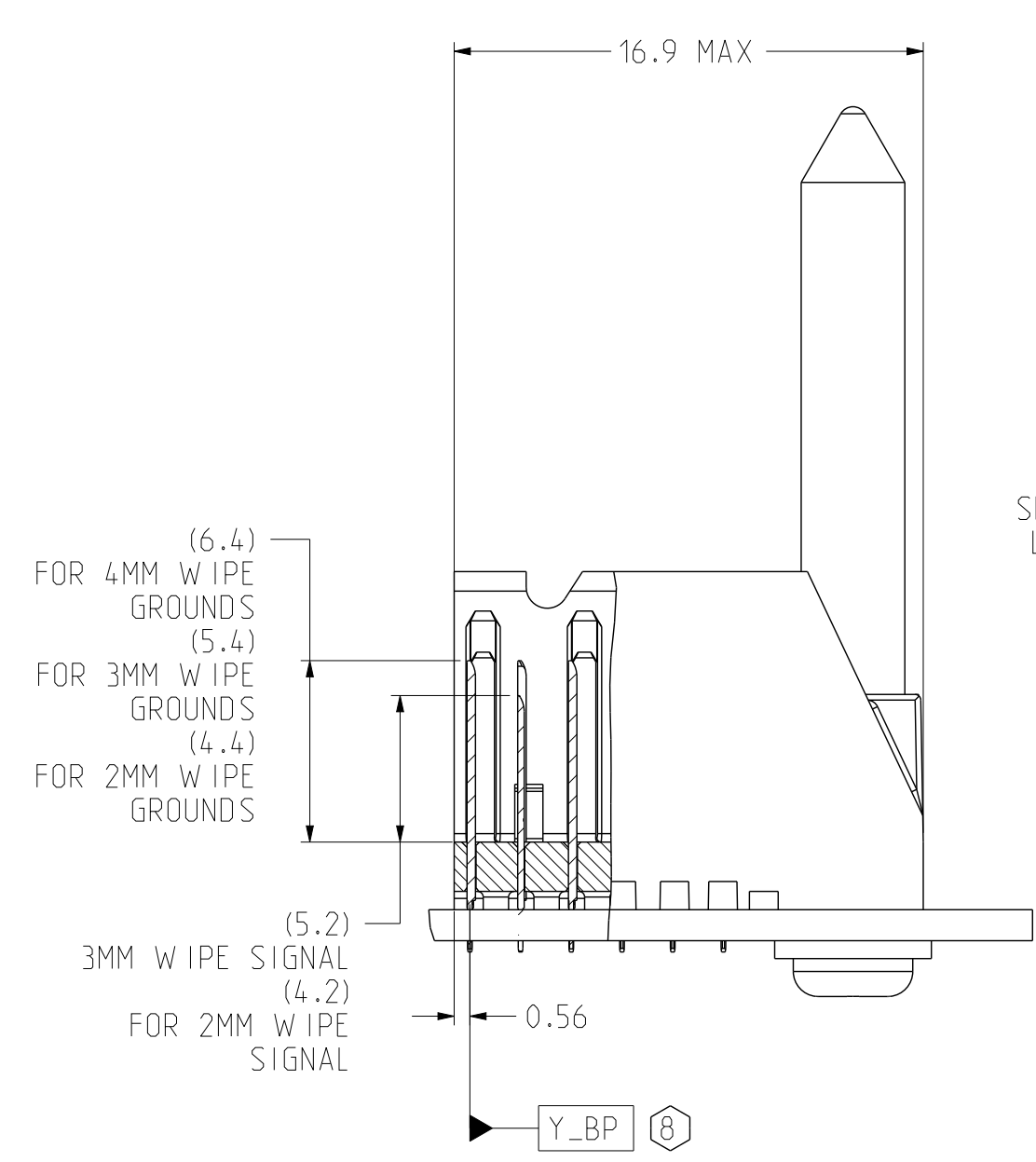
ZONE	REV	ECN NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



RIGHT POLARIZING/GUIDE BACKPLANE MODULE DIMENSION



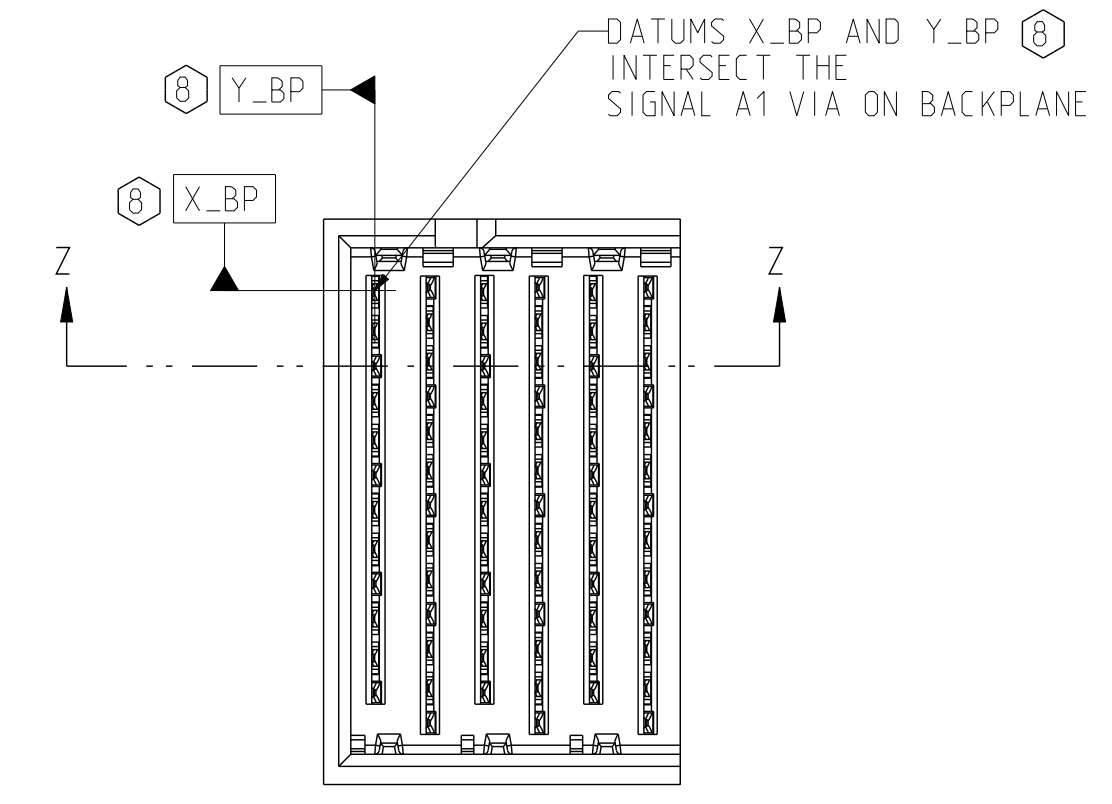
CONNECTOR REFERENCE
SCALE 4/1



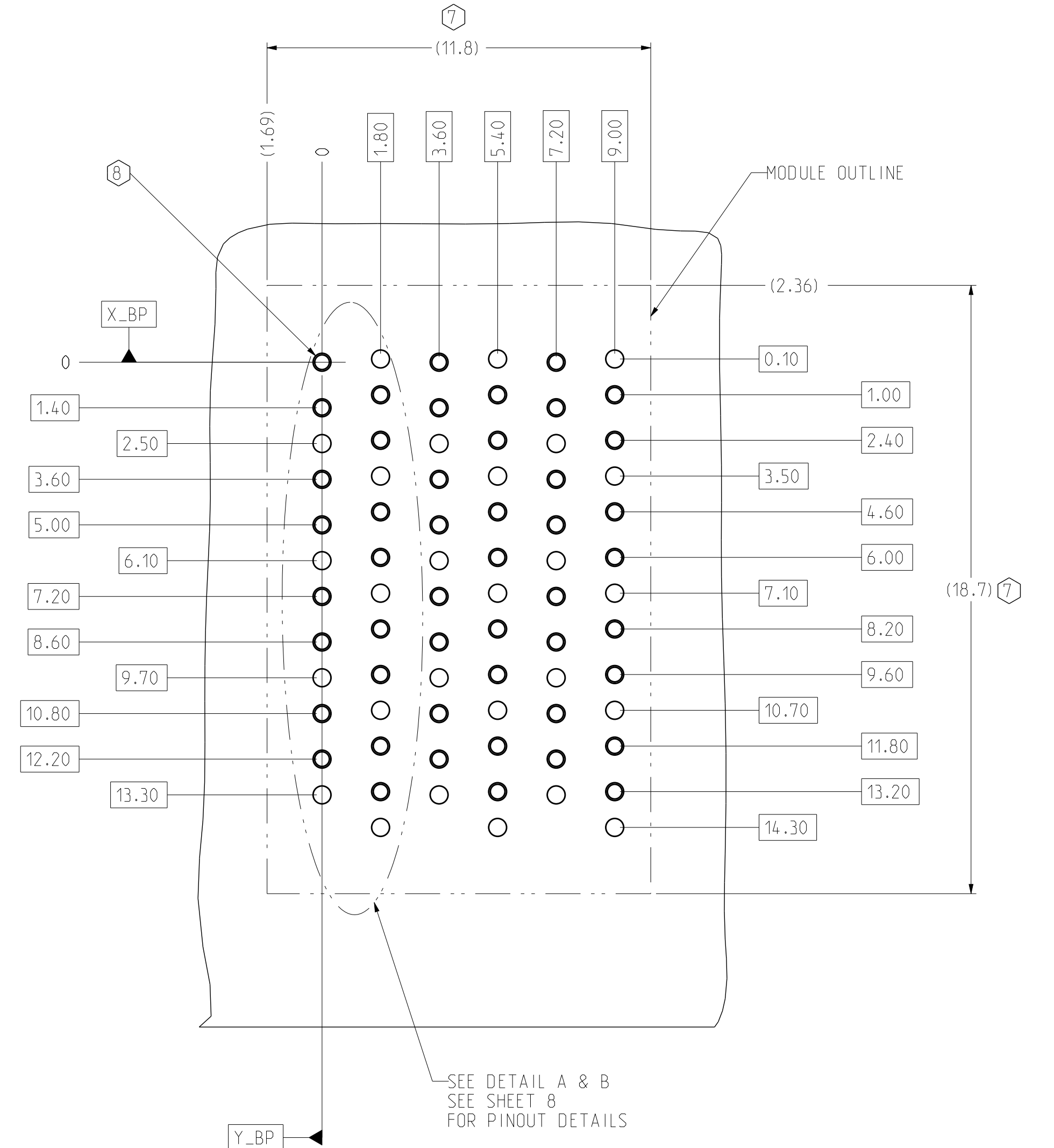
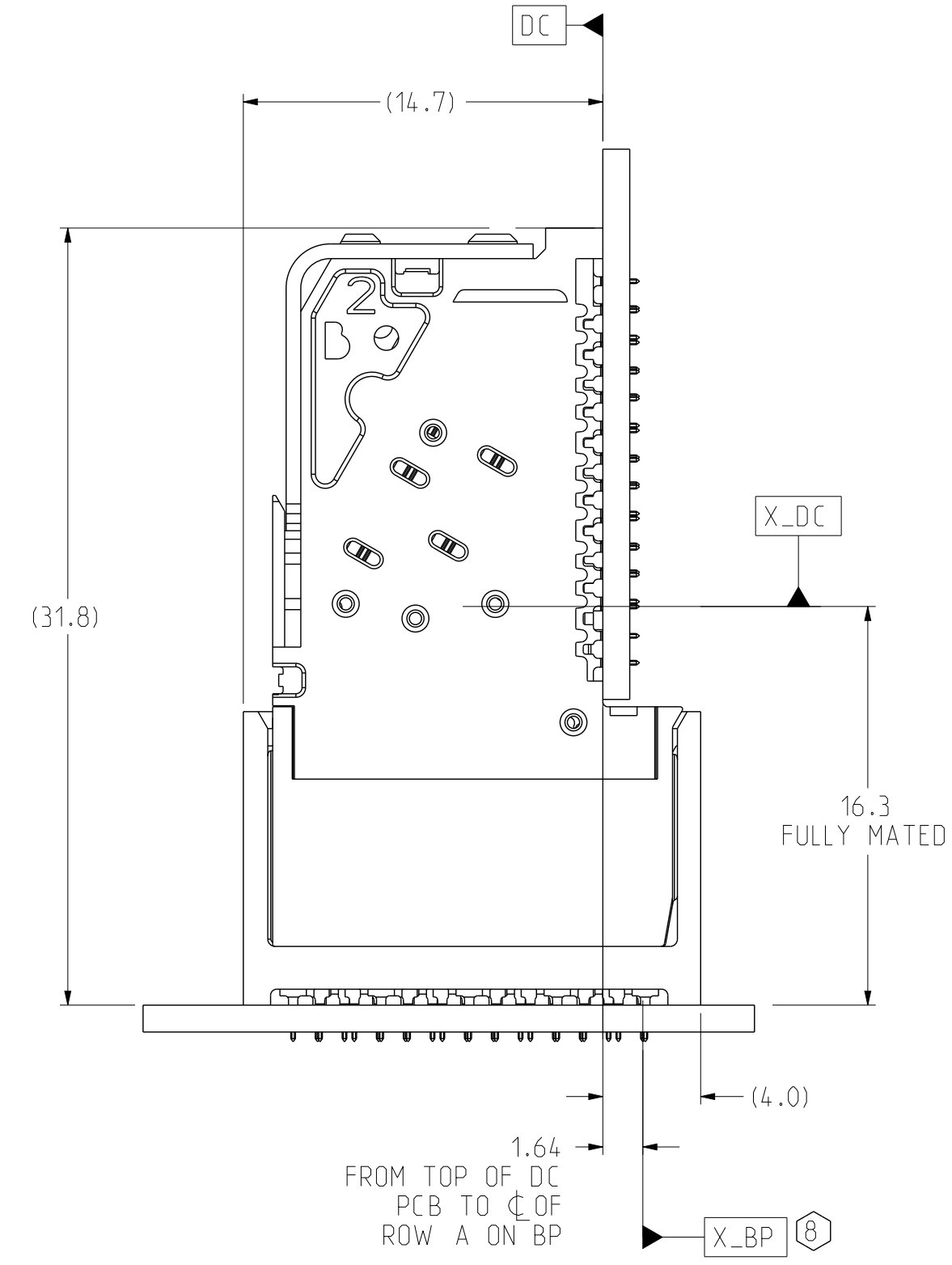
RIGHT POLARIZING/GUIDE BACKPLANE FOOTPRINT

TOLERANCES	DESIGN 12/18/2009	Amphenol TCS	
0.0	±0.25	A Division of Amphenol Corporation	
0.00	±0.13	200 Innovative Way, Nashua, NH 03082 603.879.3000	
0.000	± -	TITLE BACKPLANE MODULES, VERTICAL MALE HEADER XCede HD, 4 PAIR 6 POSITION	
ANGLES	± 3°	PART NO.	SEE PN TREE SHEET 1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD.		DRAWING NO.	C-923-400C-500
INTERPRET PER ASME Y14.5M		ASSEMBLY	C-923-400C-500 1.6
CODE IDENT 31413		DRAWING	C-923-400C-500 B.10
CUSTOMER USE DRAWING		SIZE	D
		SCALE	1/1
		SHEET	4 OF 8

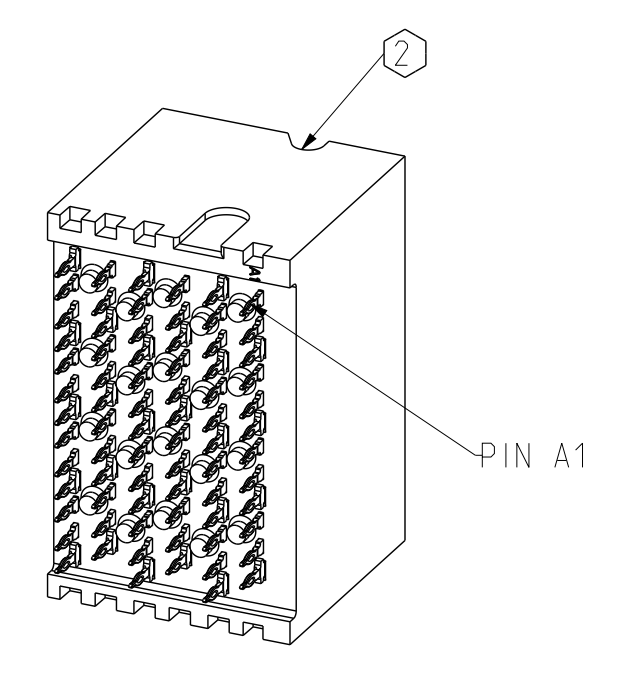
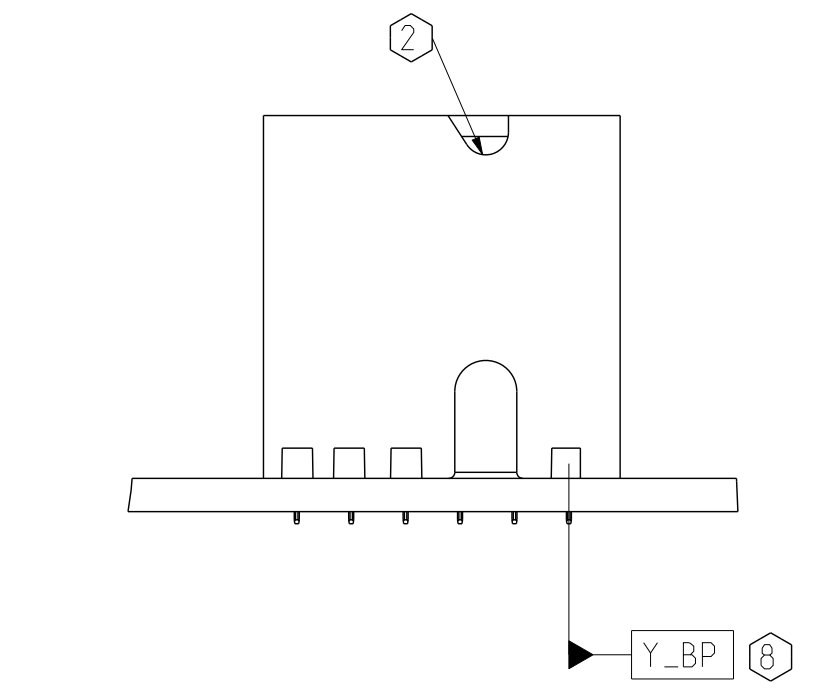
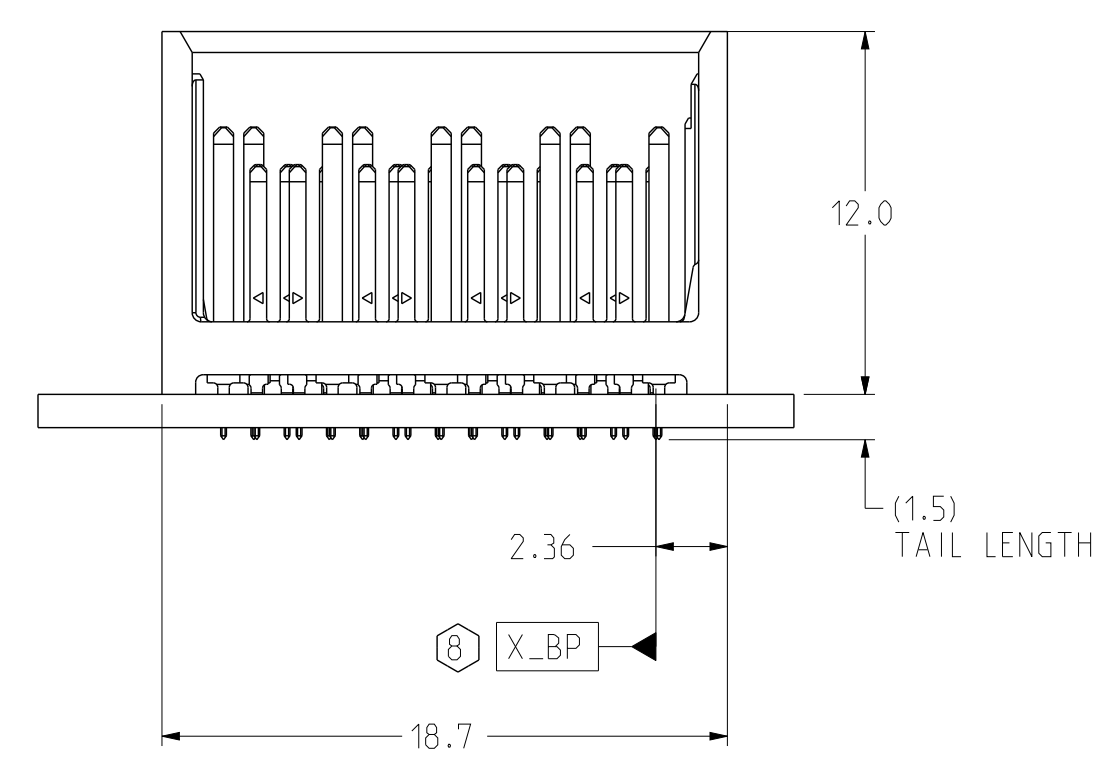
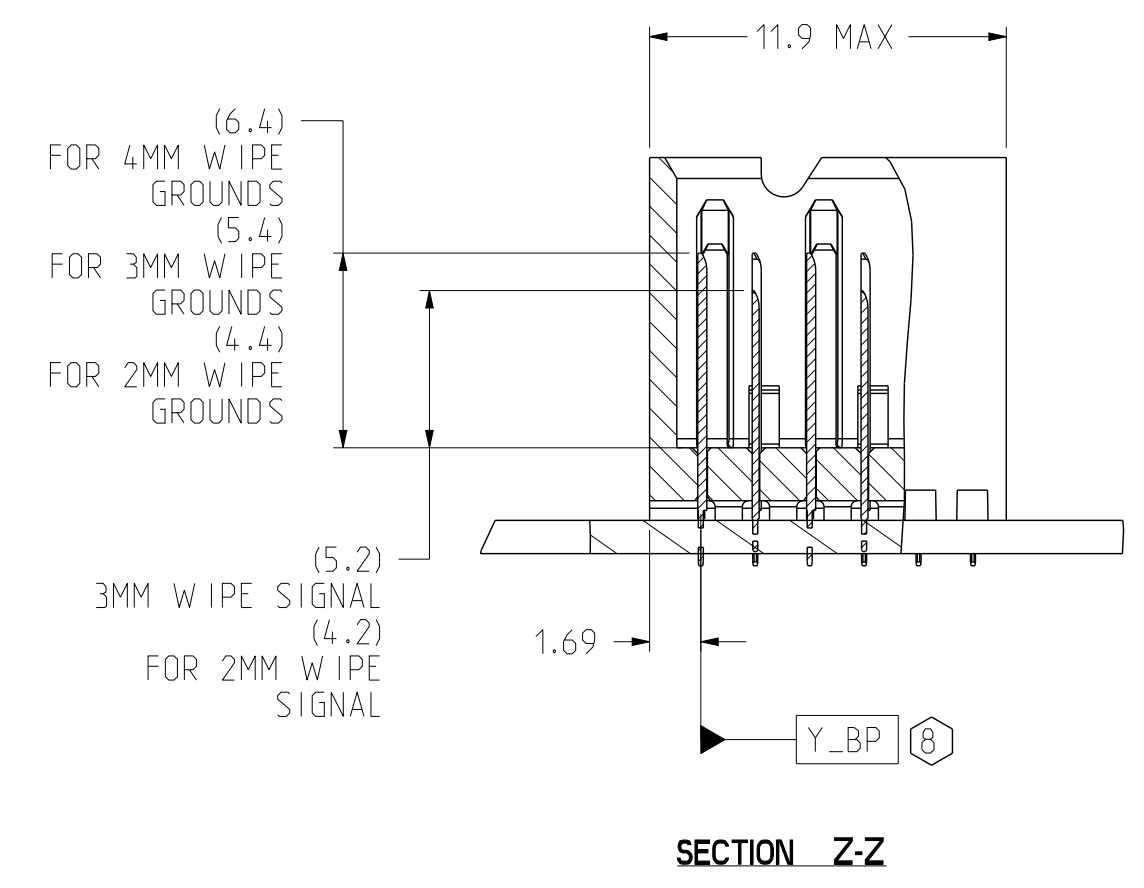
ZONE	REV	ECN NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



LEFT WALL BACKPLANE MODULE DIMENSION



LEFT WALL BACKPLANE FOOTPRINT

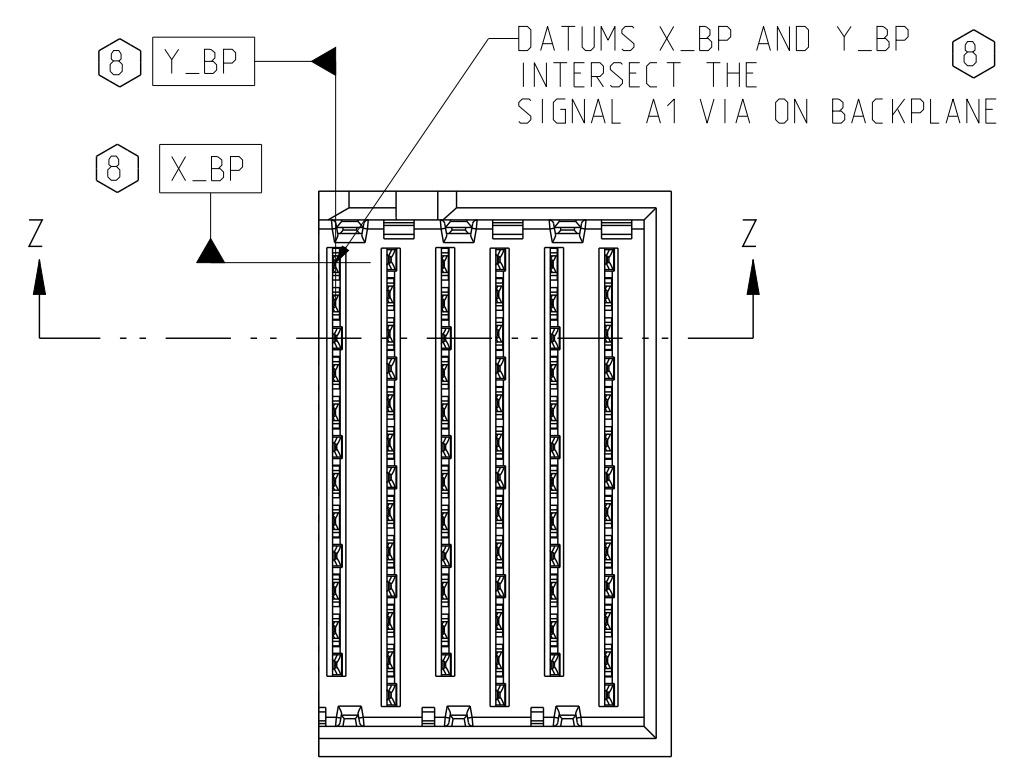


TOLERANCES		DESIGN 12/18/2009 GIROUX	Amphenol TCS A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03082 603.879.3000 TITLE BACKPLANE MODULES, VERTICAL MALE HEADER Xcede HD, 4 PAIR 6 POSITION PART NO. SEE PN TREE SHEET 1 DRAWING NO. C-923-400C-500 ASSEM C923-400C-500 1.6 DRAWING: C923-400C-500 B.10 SIZE D SCALE 1/1 SHEET 5 OF 8
0.0	±0.25	DRAWN 01/29/2010 HCL-MH	
0.00	±0.13	CHK 01/29/2010 GIROUX	
0.000	± -	APVD 01/29/2010 GIROUX	
ANGLES	± 3°		

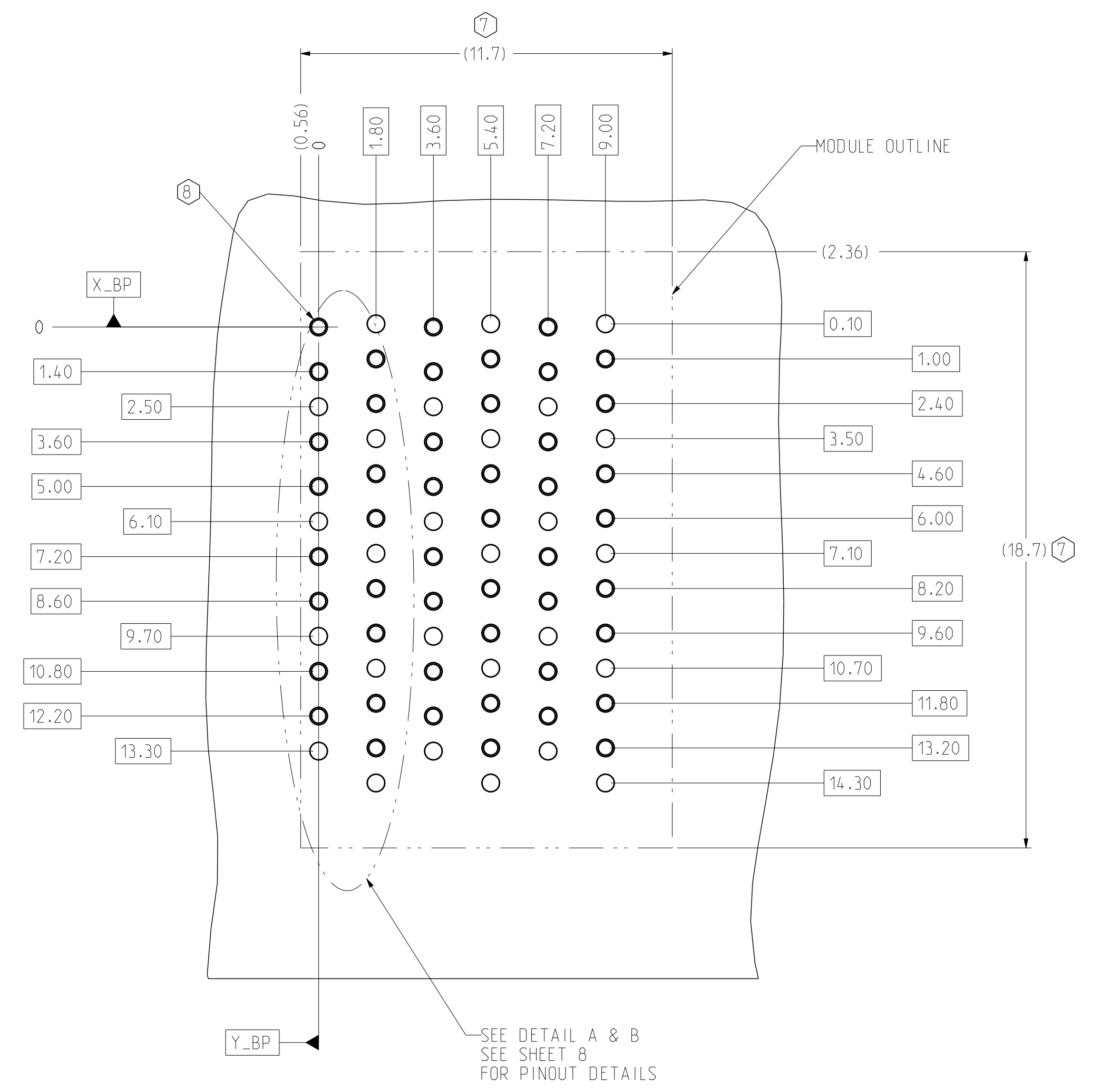
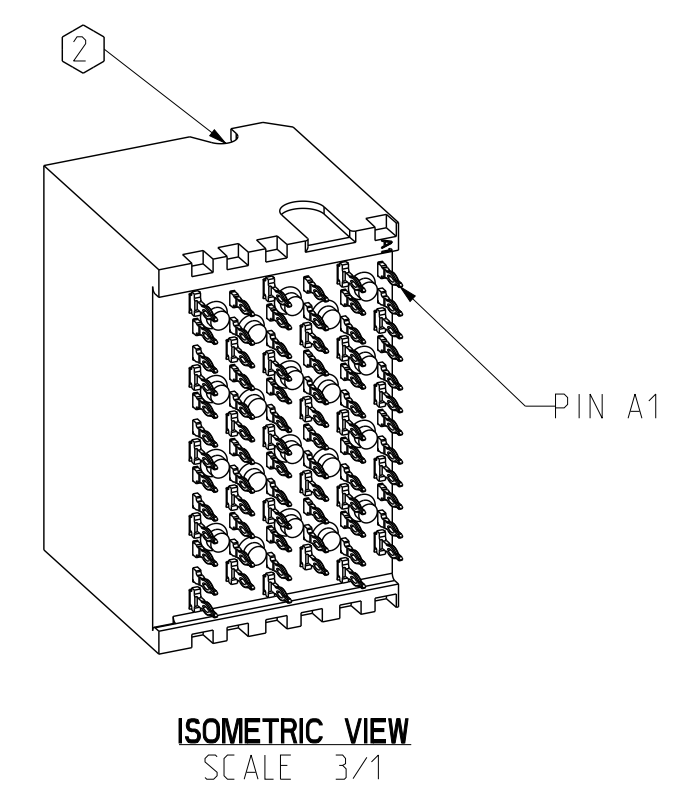
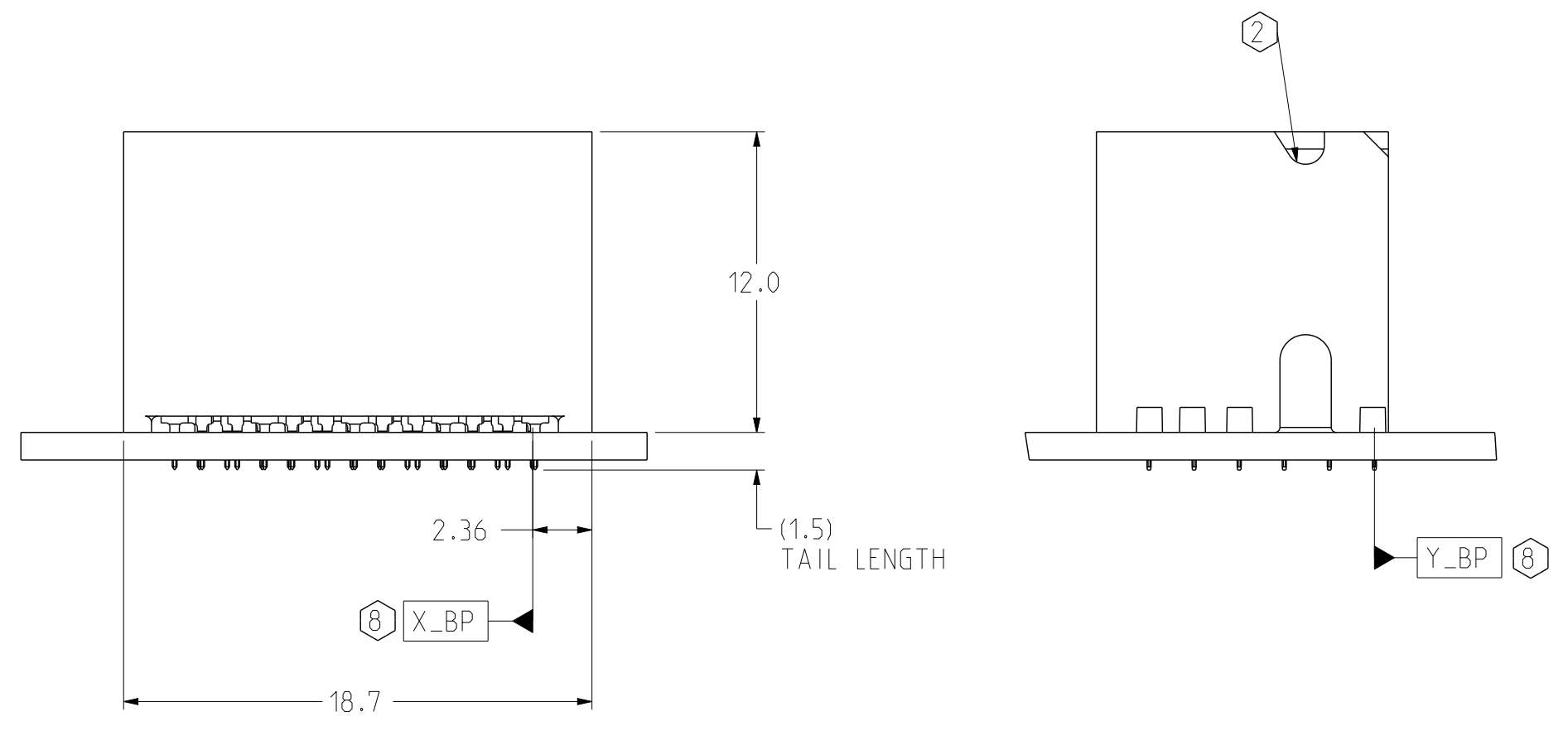
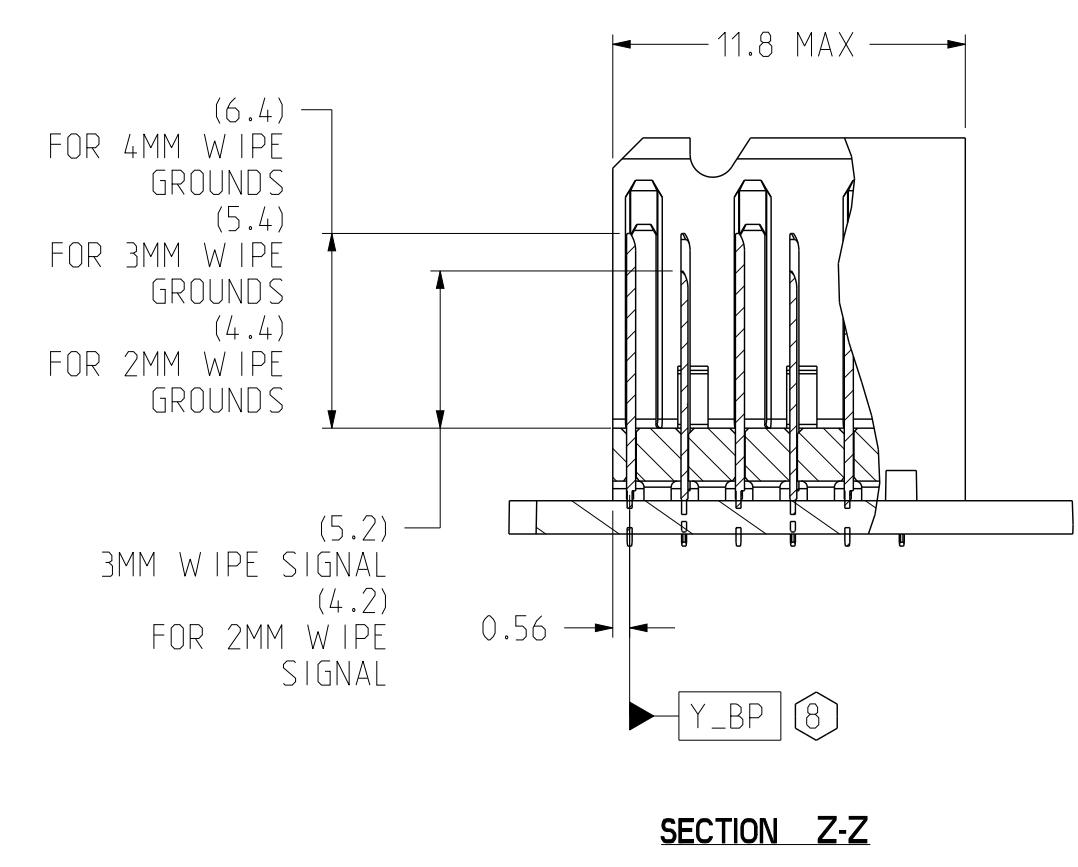
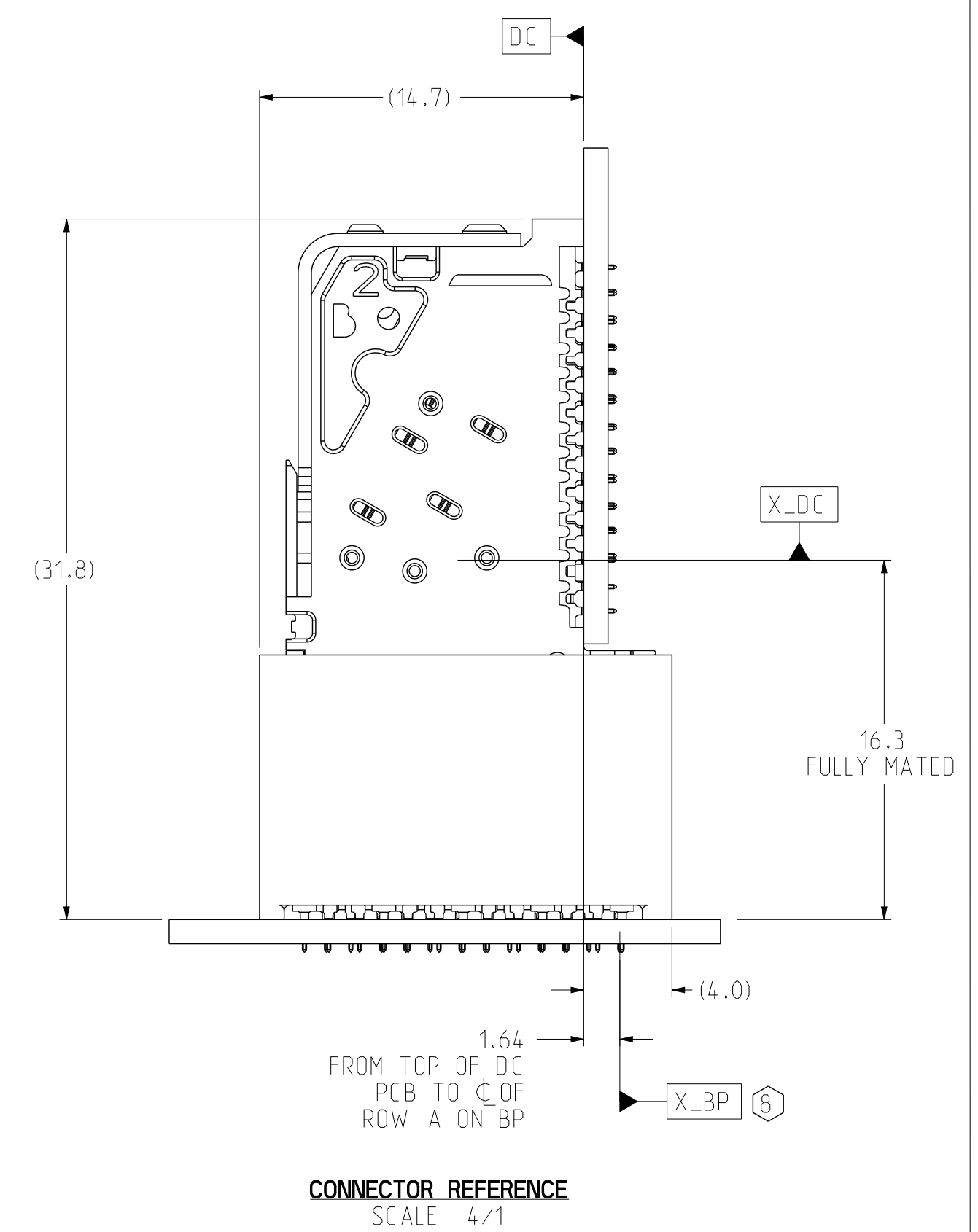
INTERPRET PER ASME Y14.5M
CODE IDENT 31413

CUSTOMER USE
DRAWING

DRW NO.	C-923-400C-500	SH	6	REV	H	
ZONE	REV	ECN NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



RIGHT WALL BACKPLANE MODULE DIMENSION



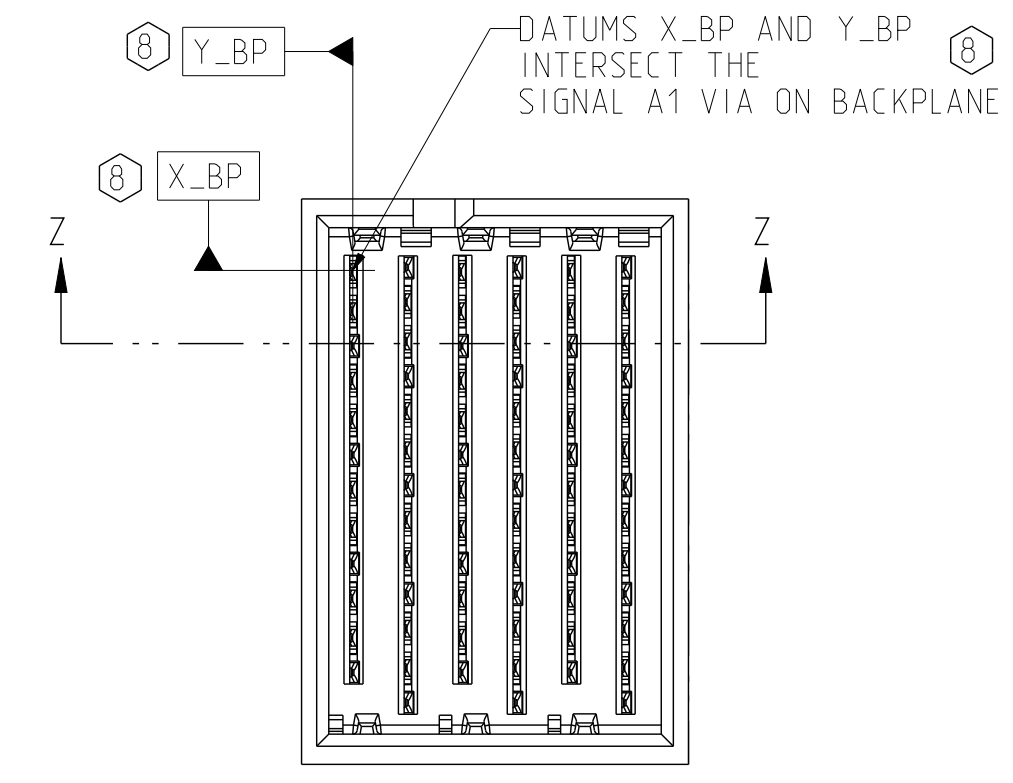
RIGHT WALL BACKPLANE FOOTPRINT

TOLERANCES		DESIGN 12/18/2009	Amphenol TCS A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03062 603.879.3000
0.0	±0.25	GIROUX	
0.00	±0.13	HCL-MH	
0.000	± -	GIROUX	
ANGLES ± 3°		APVD 01/29/2010	TITLE BACKPLANE MODULES, VERTICAL MALE HEADER Xcede HD, 4 PAIR 6 POSITION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD			PART NO. SEE PN TREE SHEET 1 REV N/A
DRAWING NO. C-923-400C-500			ASSEM C923-400C-500 1.6 DRAWING C923-400C-500 B.10
SIZE D	SCALE 1/1	SHEET 6 OF 8	

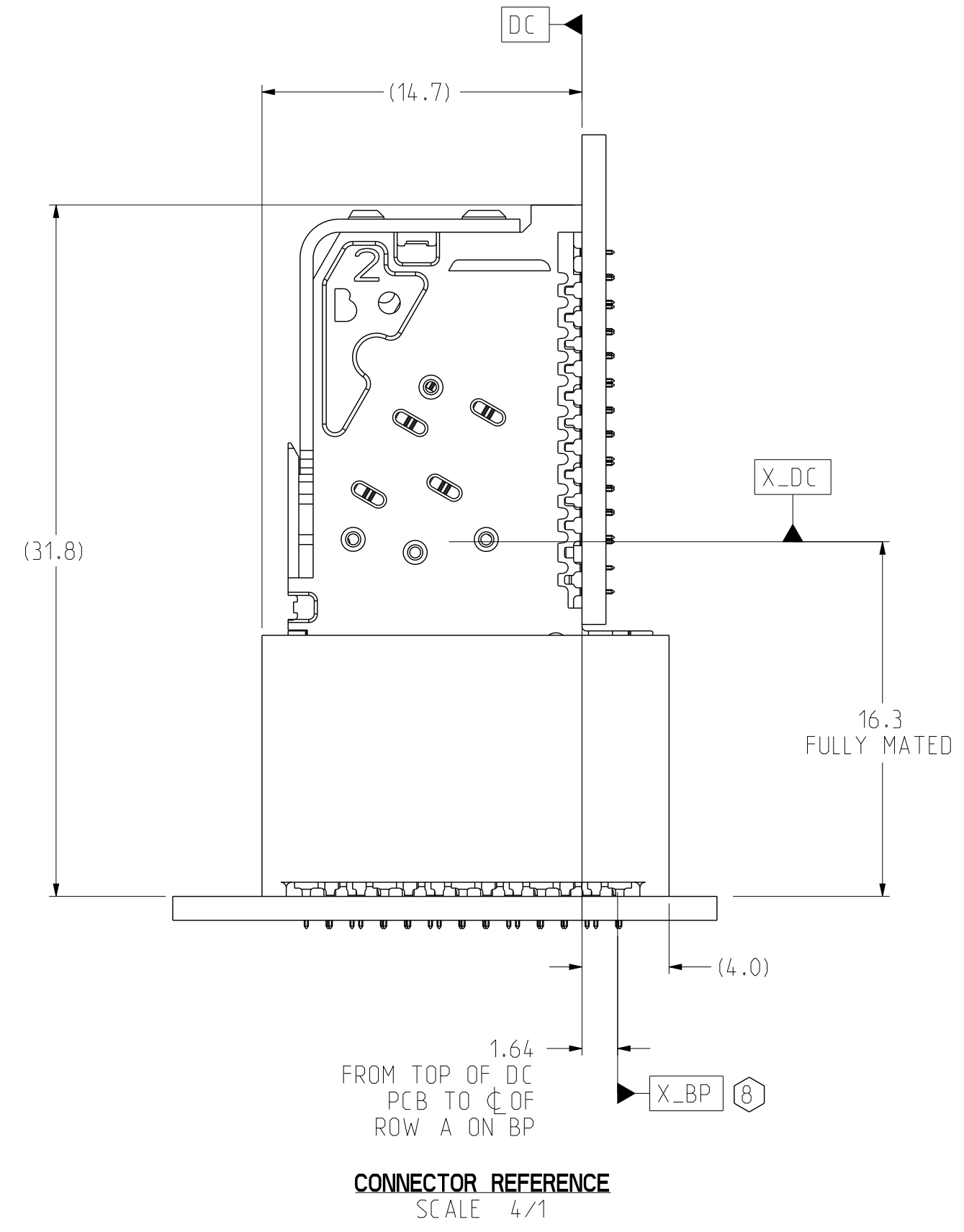
INTERPRET PER ASME Y14.5M
CODE IDENT 31413

CUSTOMER USE
DRAWING

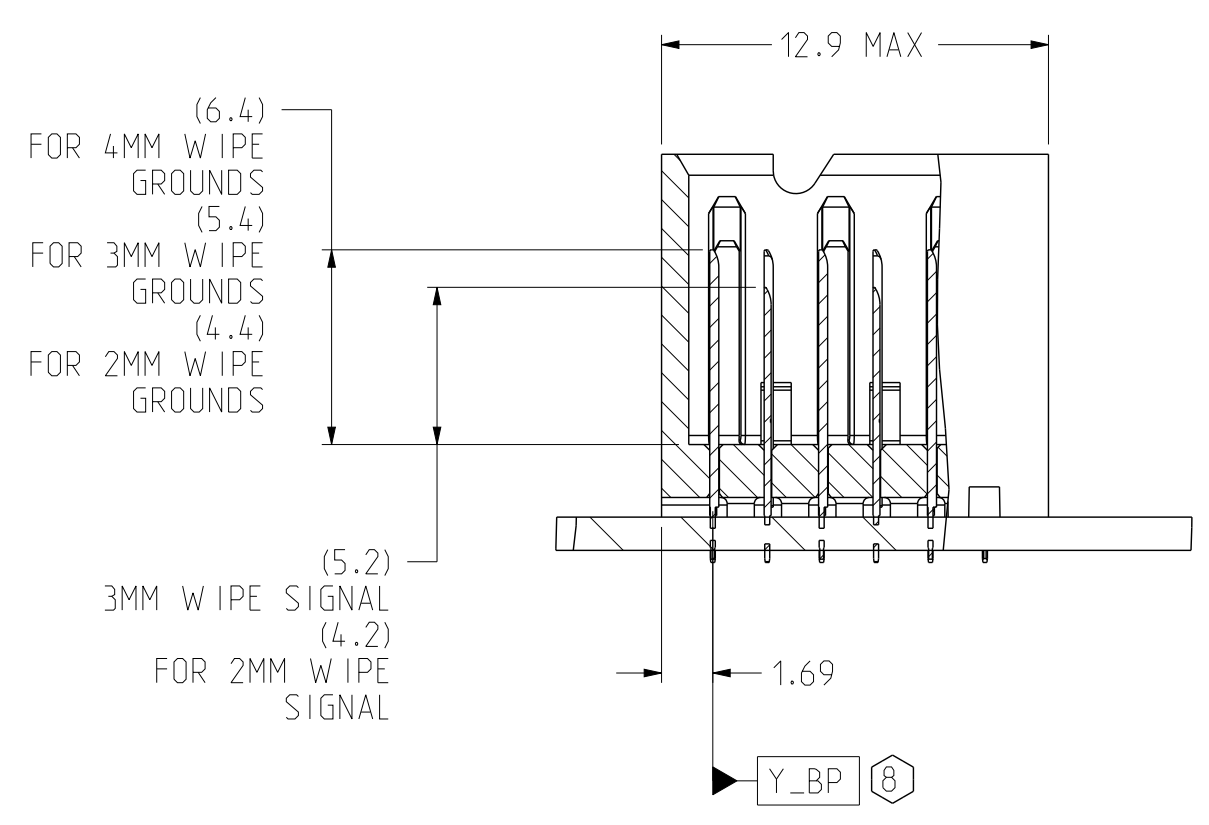
ZONE	REV	ECN NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



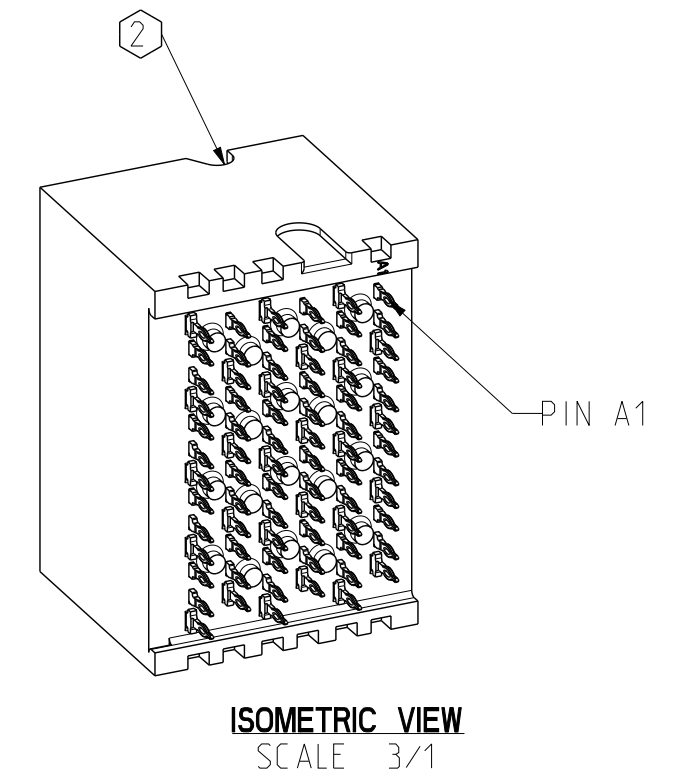
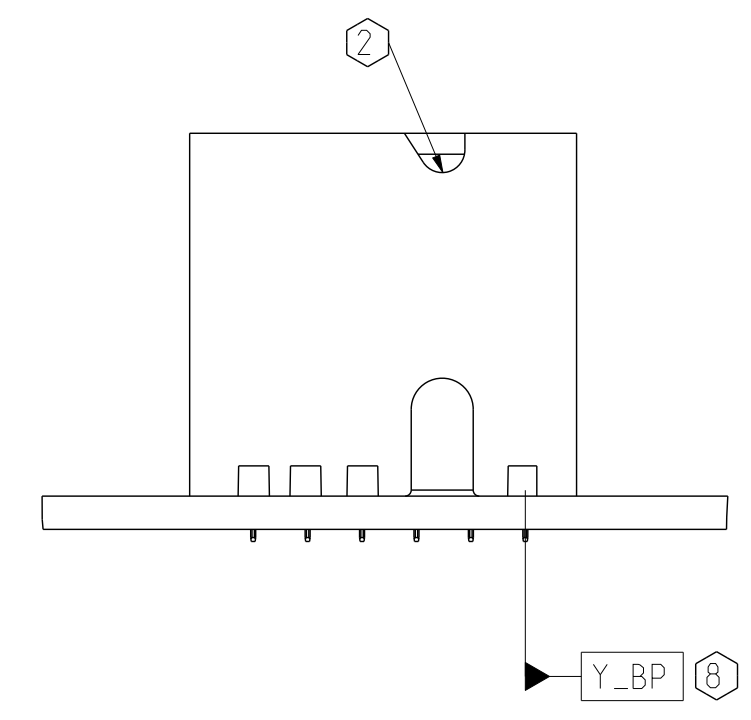
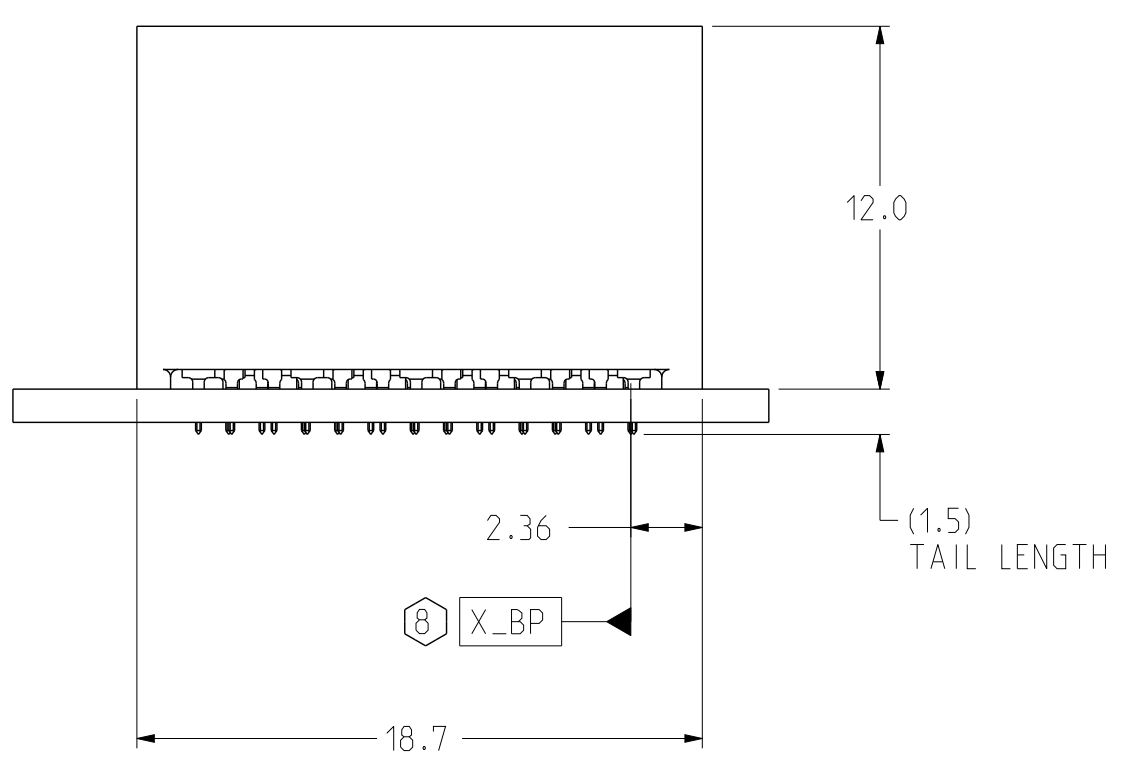
TWO WALL BACKPLANE MODULE DIMENSION



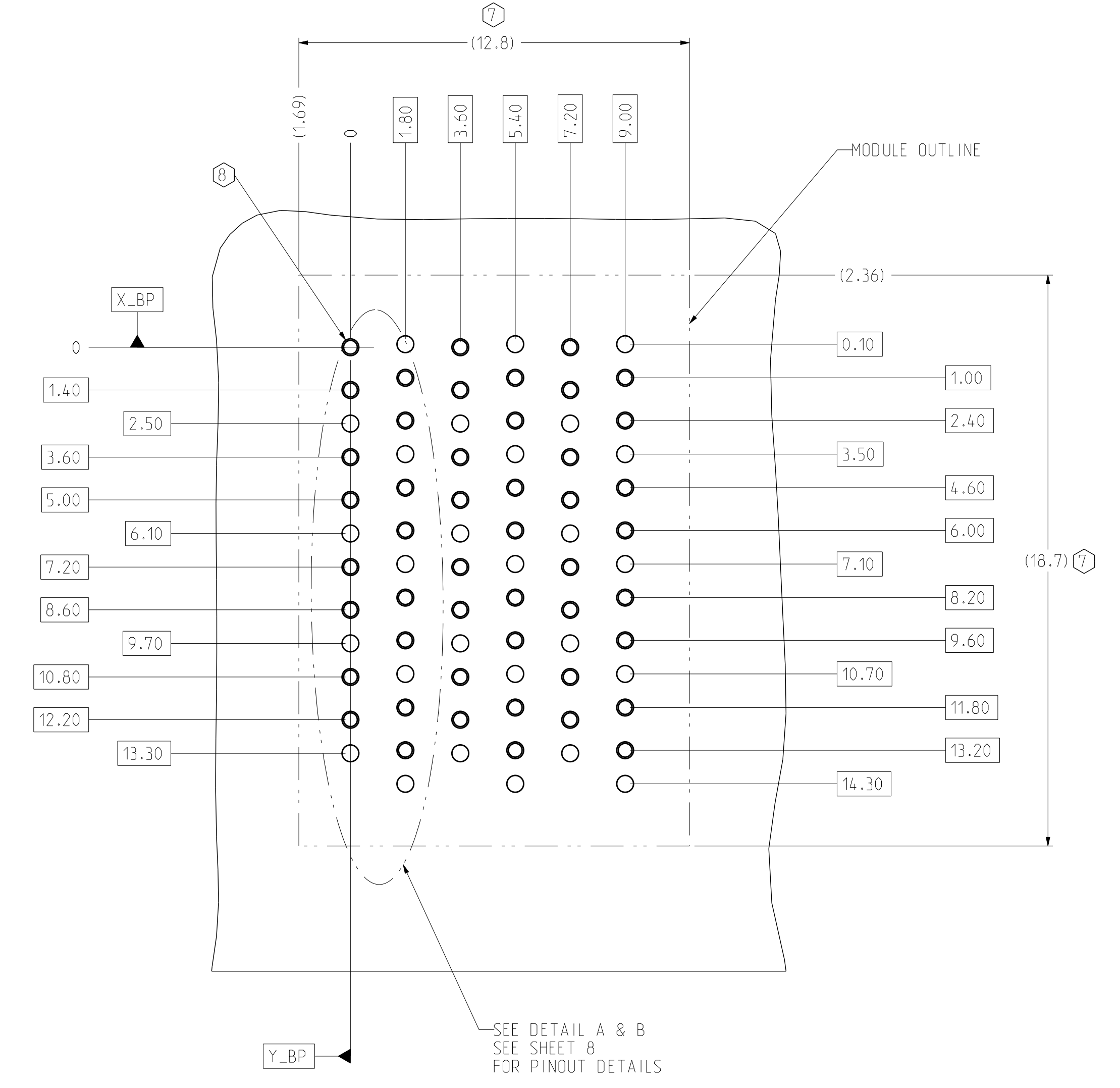
CONNECTOR REFERENCE
SCALE 4/1



SECTION Z-Z



ISOMETRIC VIEW
SCALE 3/1



BP HOLE PATTERN
COMPONENT SIDE
SCALE 8/1

TWO WALL BACKPLANE FOOTPRINT

TOLERANCES	DESIGN 12/18/2009 GIROUX
0.0	±0.25
0.00	±0.13
0.000	± -
ANGLES	± 3°

Amphenol TCS
A Division of Amphenol Corporation
200 Innovative Way, Nashua, NH 03082 603.879.3000

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

PART NO. SEE PN TREE SHEET 1
DRAWING NO. C-923-400C-500

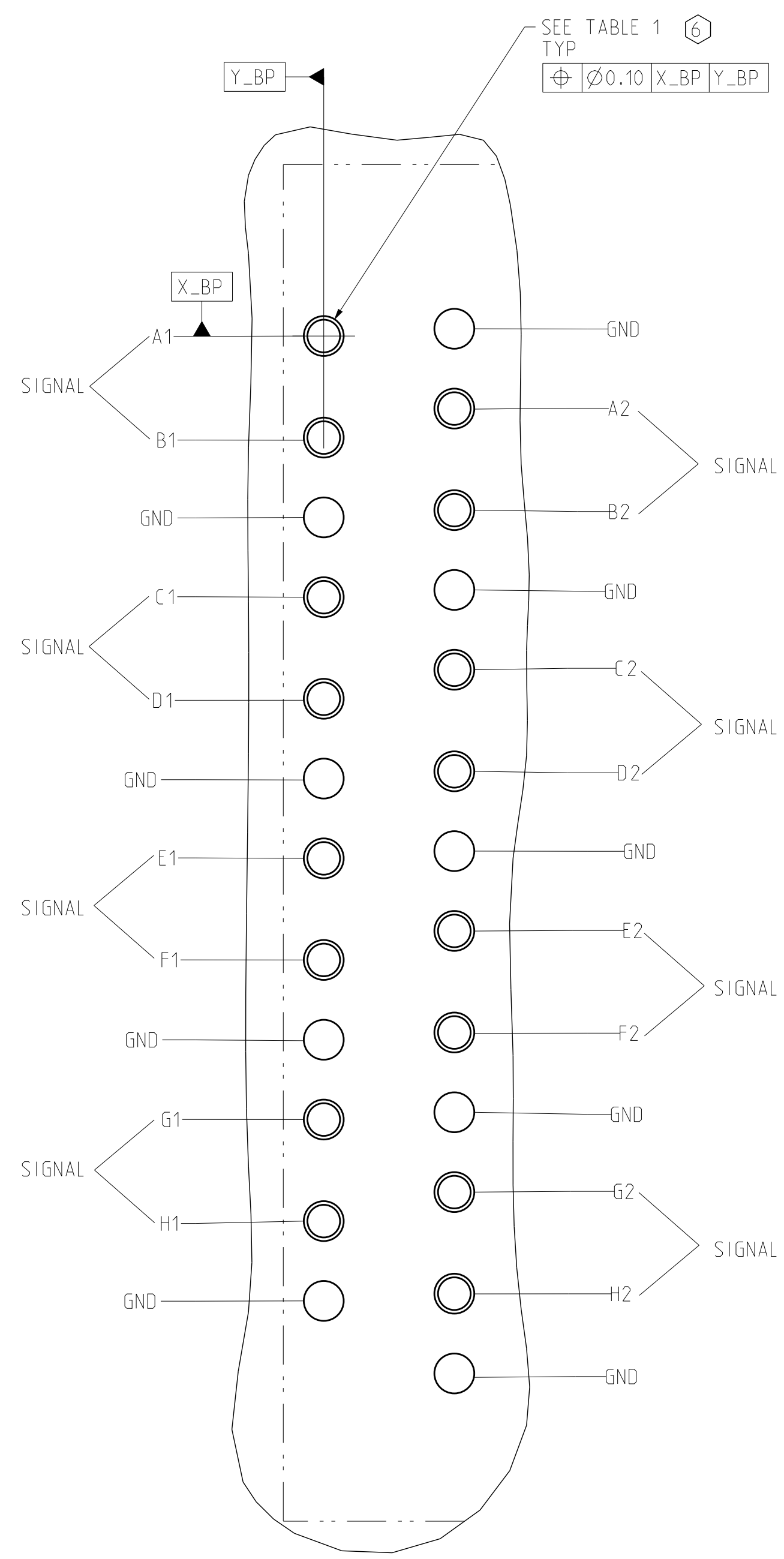
ASSEM C923-400C-500 1.6
DRAWING C923-400C-500 B.10

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

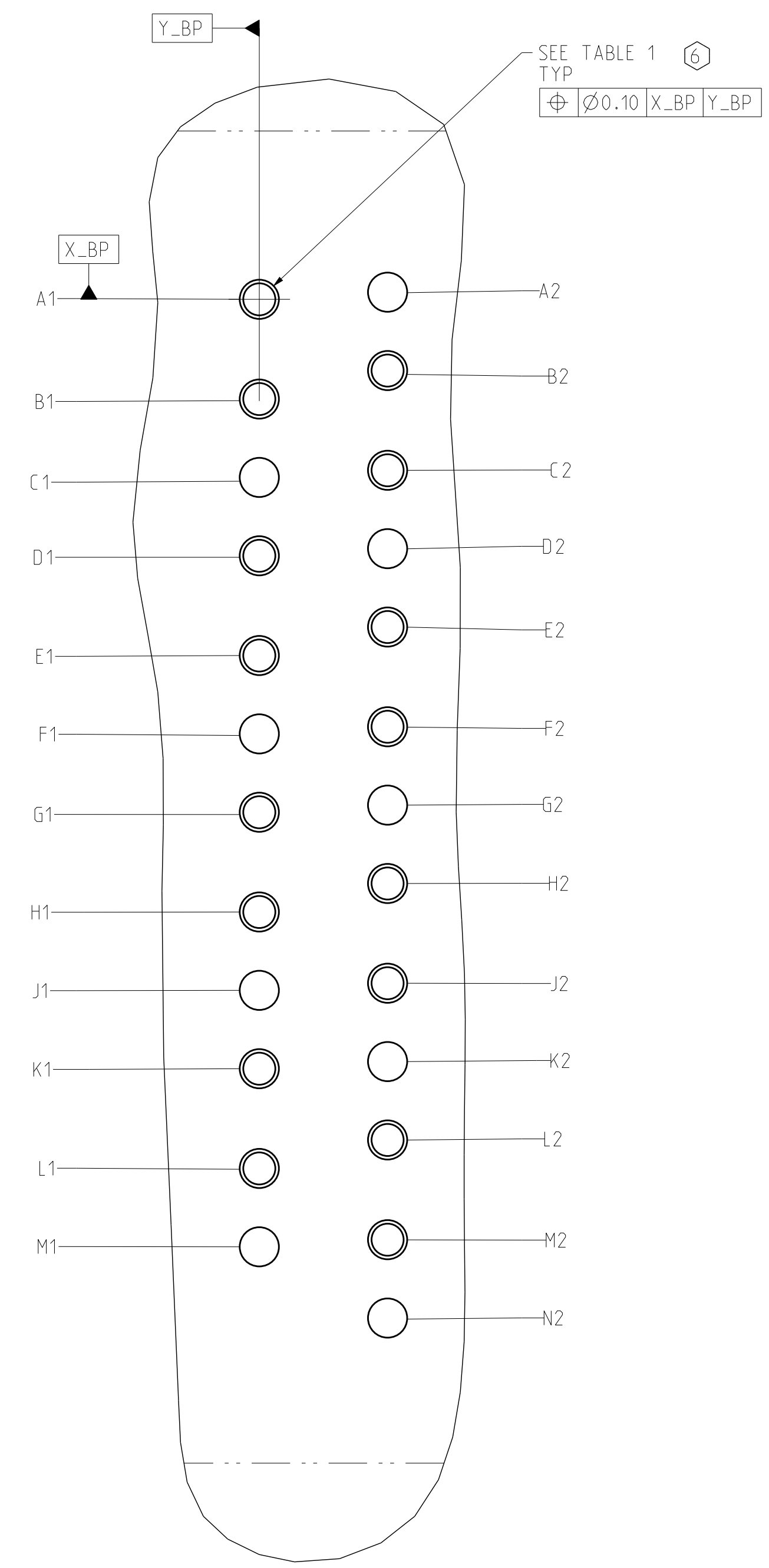
CUSTOMER USE
DRAWING

SIZE D SCALE 1/1 SHEET 7 OF 8

ZONE	REV	ECN NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



DETAIL A
HSD PINOUTS
SCALE 16/1



DETAIL B
LC PINOUTS
SCALE 16/1

TABLE 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	$\varnothing 0.55 [.0217'']$	$\varnothing 0.45 [.0177'']$
PAD	$\varnothing 0.85$	$\varnothing 0.75$

TOLERANCES	DESIGN 12/18/2009 GIROUX	Amphenol TCS A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03082 603.879.3000 TITLE BACKPLANE MODULES, VERTICAL MALE HEADER Xcete HD, 4 PAIR 6 POSITION PART NO. SEE PN TREE SHEET 1 DRAWING NO. C-923-400C-500 ASSEM C923-400C-500 DRAWING C923-400C-500 SIZE D SCALE 1/1 SHEET 8 OF 8
0.0 ±0.25	DRAWN 01/29/2010 HCL-MH	
0.00 ±0.13	CHK 01/29/2010 GIROUX	
0.000 ± -	APVD 01/29/2010 GIROUX	
ANGLES ± 3°		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD.		REV N/A REV H 1.6 B.10

INTERPRET PER ASME Y14.5M
CODE IDENT 31413

**CUSTOMER USE
DRAWING**