

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
ALL	A	CWAG-9B27H5.VER01	NEW RELEASE	HCL-PG	09/17/2013	C.WANG
SHT 3 A4 SHT 4 A5 SHT 3 B3 SHT 4 B1	B	MHAN-9QUJ9P.VER01	ADDED 2.45±0.05 DIM TO PCB VIEWS ADDED NOTE "SCREW NOT INCLUDED"	HL-WS	01/21/2015	M.HANRAHAN
SHT 1 C4	C	JXUU-9UBBSK.VER02	REPLACED DC MODULE FROM WAVE TO BIFURCATE ADDED Pd-NI PLATING CODE	HCL-RM	03/10/2015	J.XU
SHT 1 A8	D	MHAN-9ZYQTJ.VER01	CORRECTED NOTE 10. C-914-4010-000 WAS C-914-4000-000	HCL-NB	09/07/2015	M.HANRAHAN
SHT1 C7 SHT1 C4	E	DCOY-A2DKQP.VER01	REMOVED N AND Z OPTIONS FROM POL GUIDE TABLE. REMOVED ROLLED GUIDE PIN OPTION IN PIN STYLE TABLE.	HCL-NB	10/16/2015	D.COVEY
SHT1. B8	F	DCOY-AB4NPZ.VER01	UPDATED PART MARKING REQUIREMENTS	HCL-DC	06/22/2016	D.COVEY
SHT1. C2	G	BWAG-ACRELP.VER01	REMOVED Pd-NI PLATING OPTION	HCL-JP	08/24/2016	B.WANG

9 2 3 - 4 X 0 E - X X X
 4 PAIR 8-POSITION

XCede HD BACKPLANE MODULE MALE STANDARD LOAD

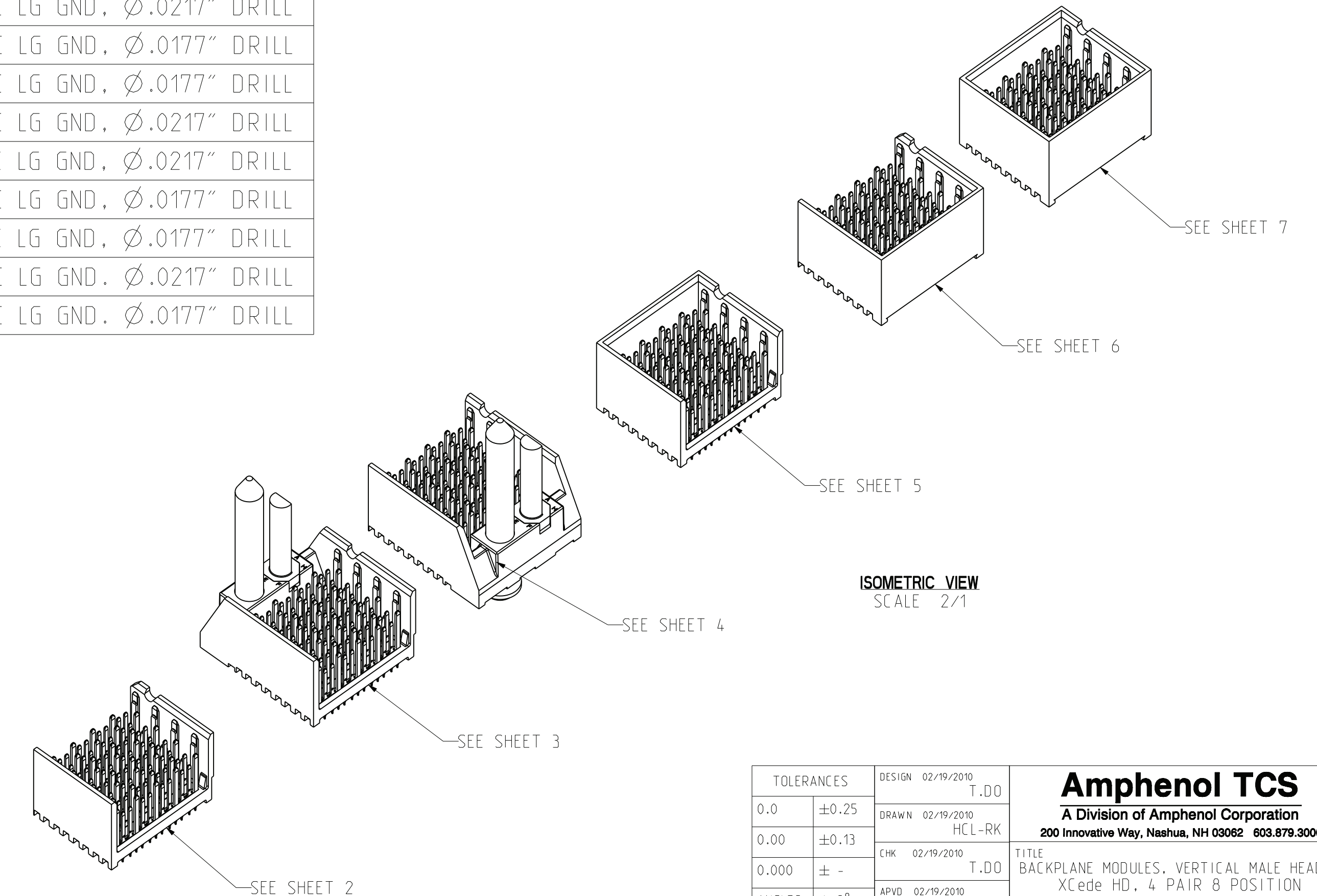
	LETTER								
LEFT POLARIZING GUIDANCE (SEE SHEET 3)	J (NO KEY)	A	B	C	D	E	F	G	H
RIGHT POLARIZING GUIDANCE (SEE SHEET 4)	Y (NO KEY)	P	Q	R	S	T	U	V	W
OPEN (SEE SHEET 2)	O (ZERO)								
LEFT WALL (SEE SHEET 5)	L								
RIGHT WALL (SEE SHEET 6)	M								
TWO WALL (SEE SHEET 7)	1								

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

- 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. ONLY APPLIES FOR MACHINED GUIDE PIN APPLICATIONS.

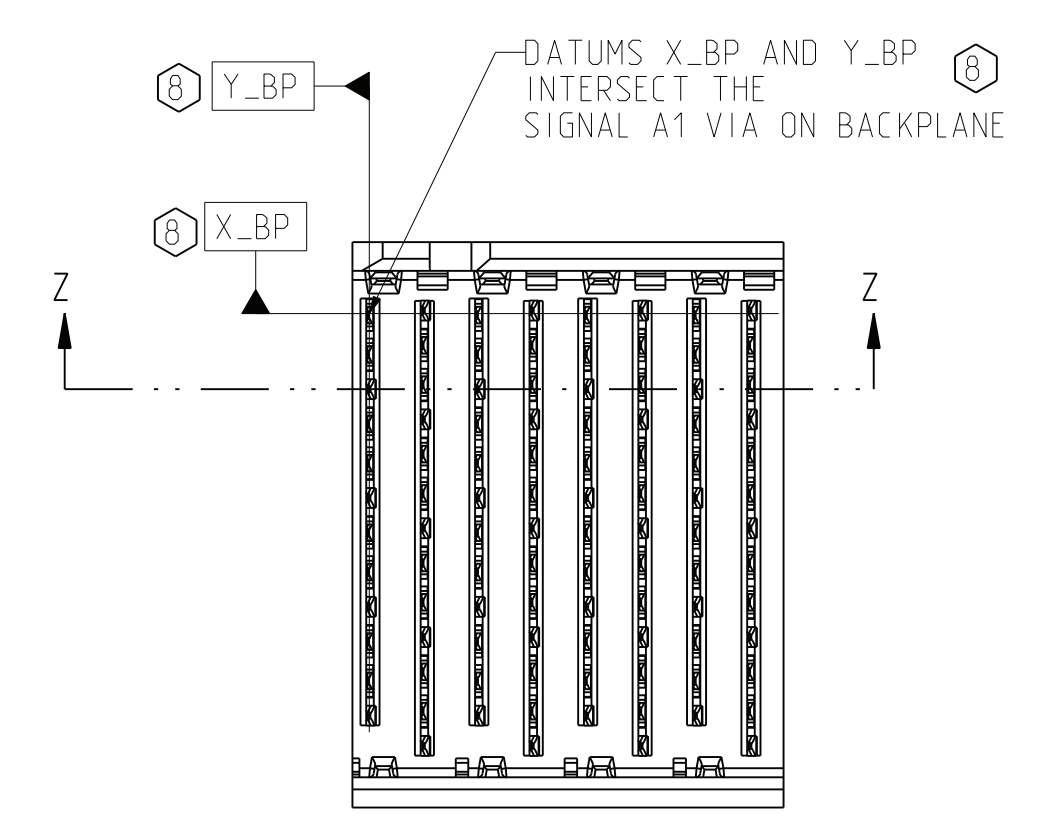


 INTERPRET PER ASME Y14.5M CODE IDENT 31413	TOLERANCES 0.0 ±0.25 0.00 ±0.13 0.000 ± - ANGLES ± 3°	DESIGN 02/19/2010 T.DO DRAWN 02/19/2010 HCL-RK CHK 02/19/2010 T.DO APVD 02/19/2010 T.DO	Amphenol TCS A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03062 603.879.3000
	TITLE BACKPLANE MODULES, VERTICAL MALE HEADER XCede HD, 4 PAIR 8 POSITION		PART NO. SEE PN TREE SHEET 1
DRAWING NO. C-923-400E-500			REV G
SIZE D SCALE 1/1 SHEET 1 OF 8		ASSEM C923-400E-500 1.3 DRAWING C923-400E-500 A.10	

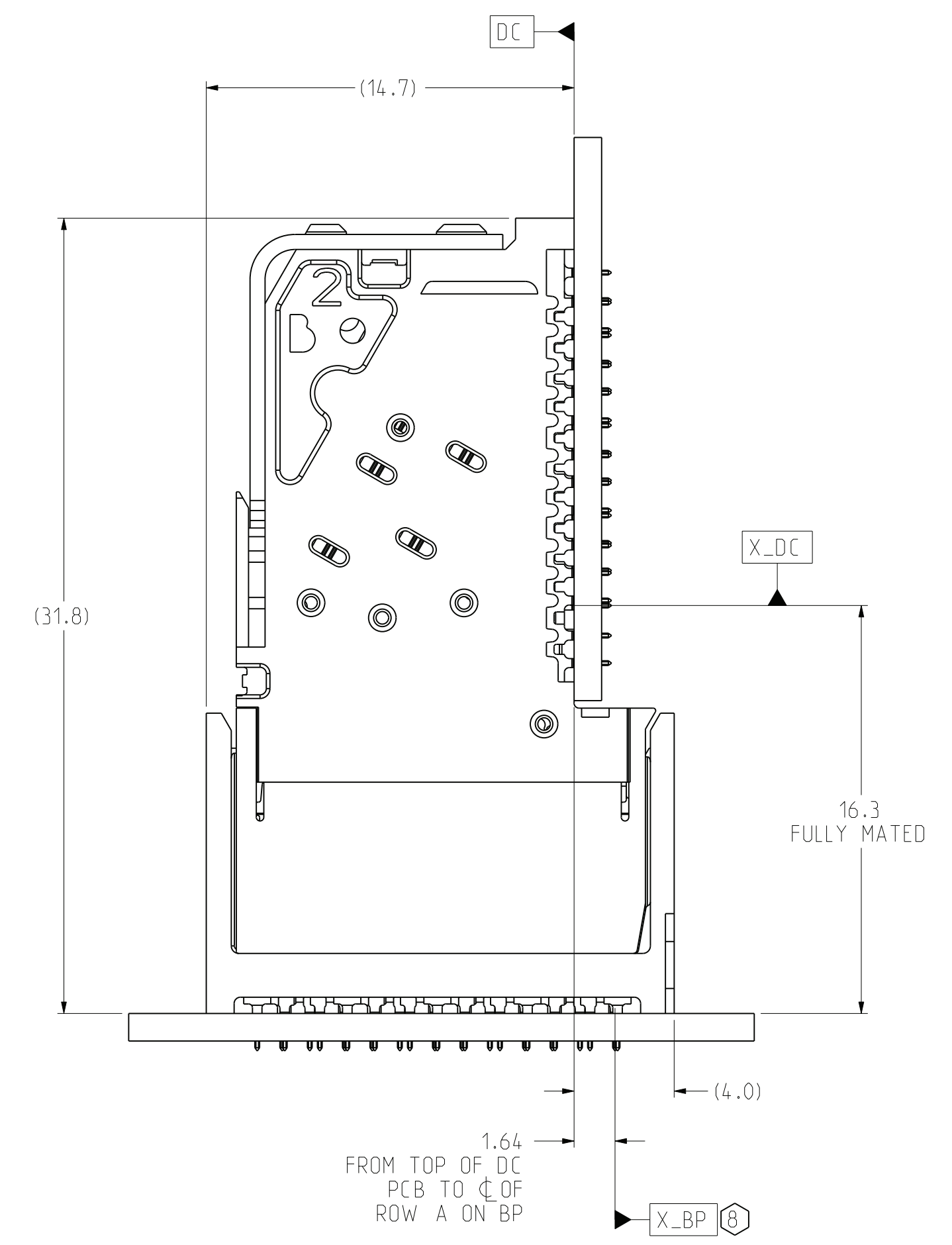
DRW NO. C-923-400E-500

SH 1 REV G

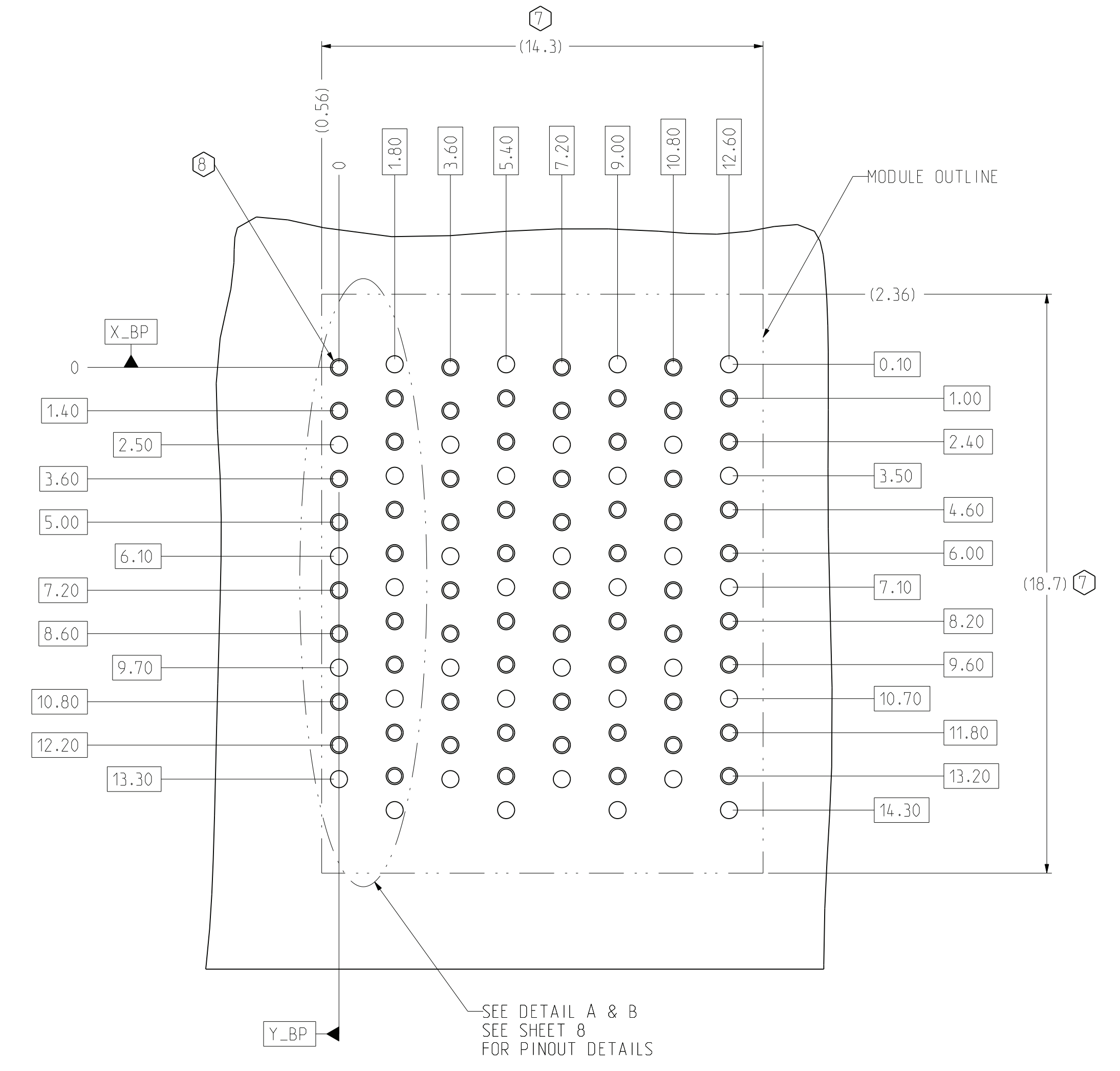
ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



OPEN BACKPLANE MODULE DIMENSION

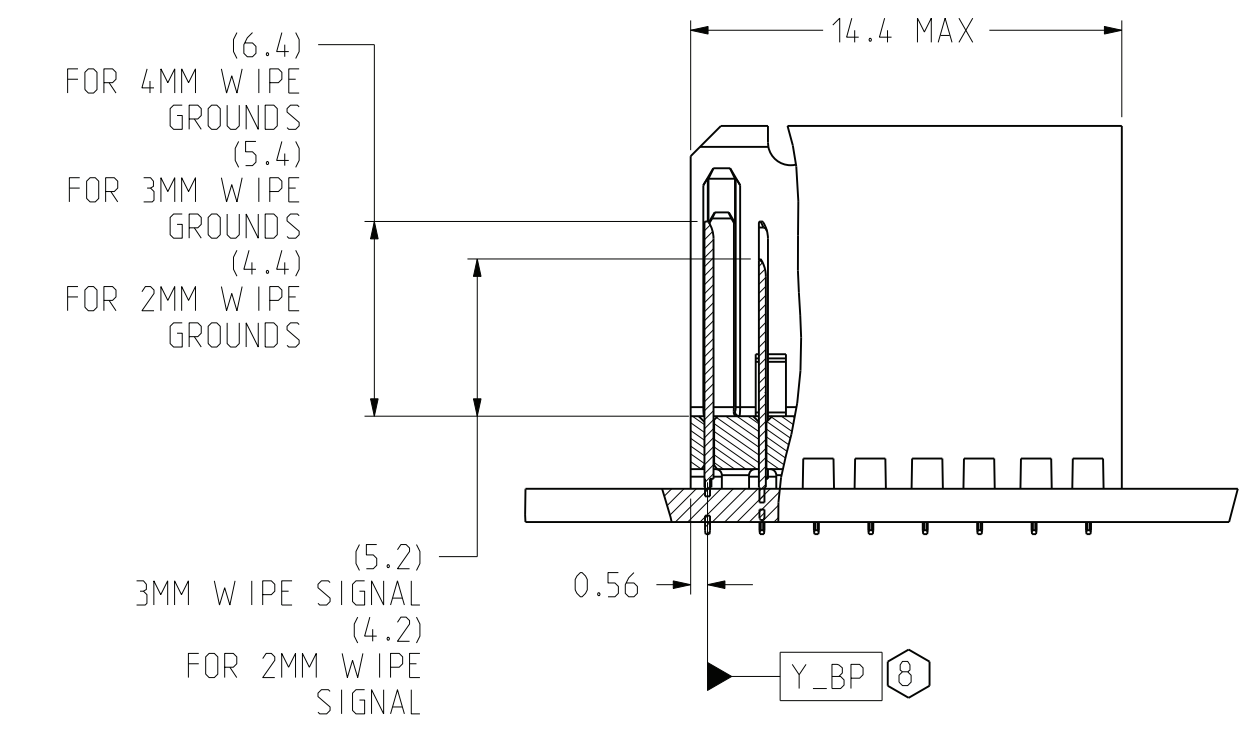


CONNECTOR REFERENCE SCALE 5/1

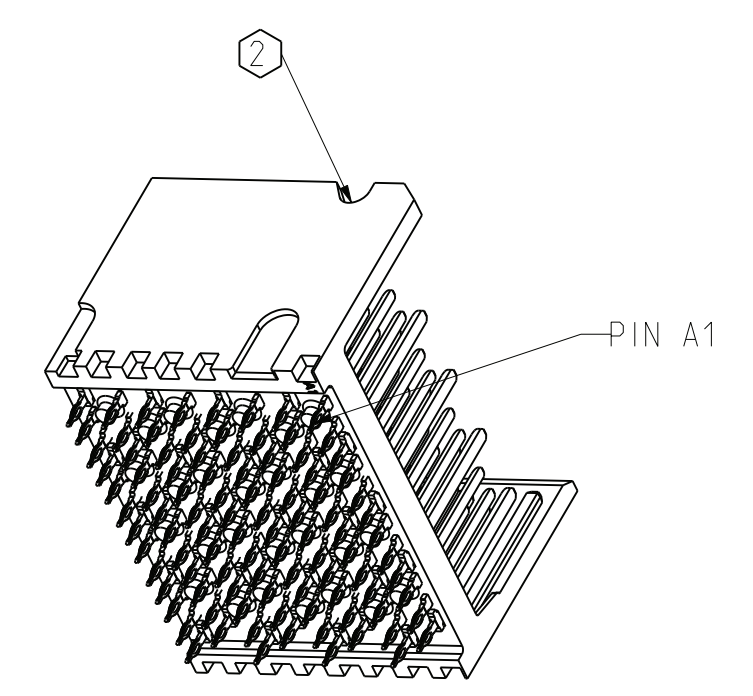
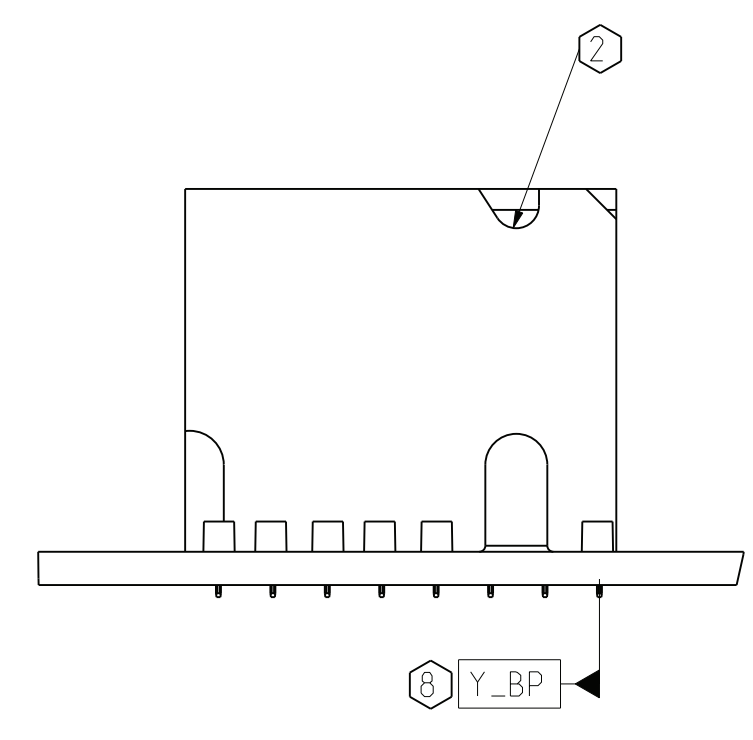
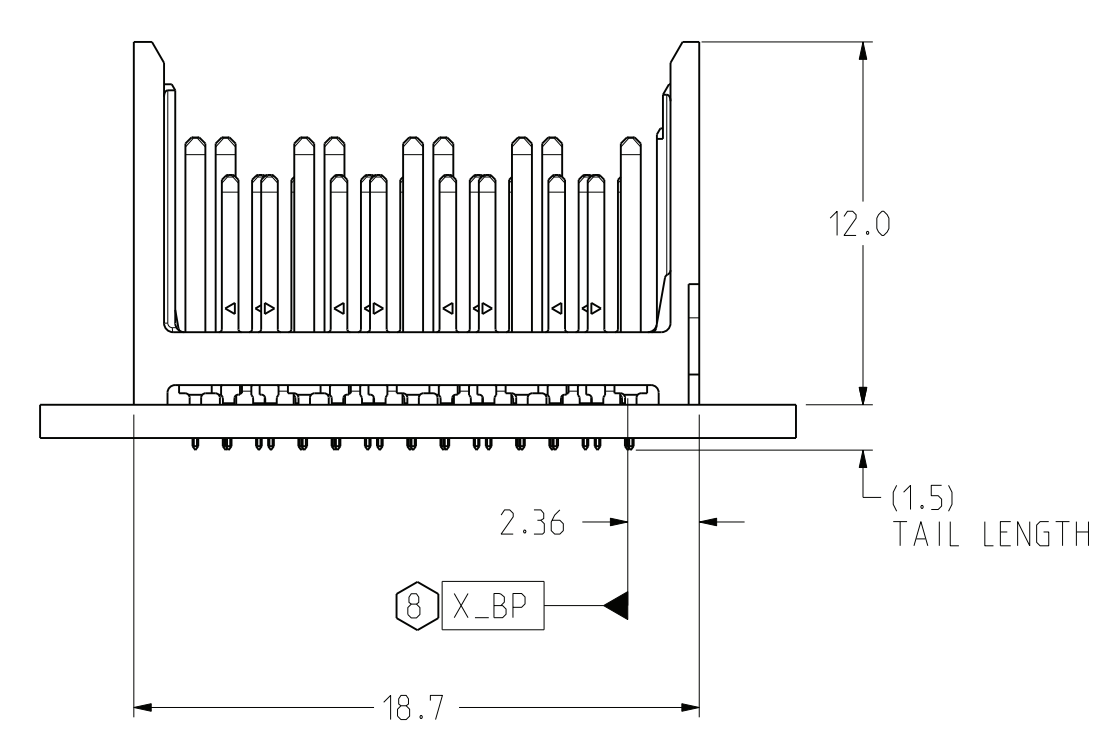


BP HOLE PATTERN COMPONENT SIDE SCALE 8/1

OPEN BACKPLANE FOOTPRINT



SECTION Z-Z



ISOMETRIC VIEW SCALE 3/1

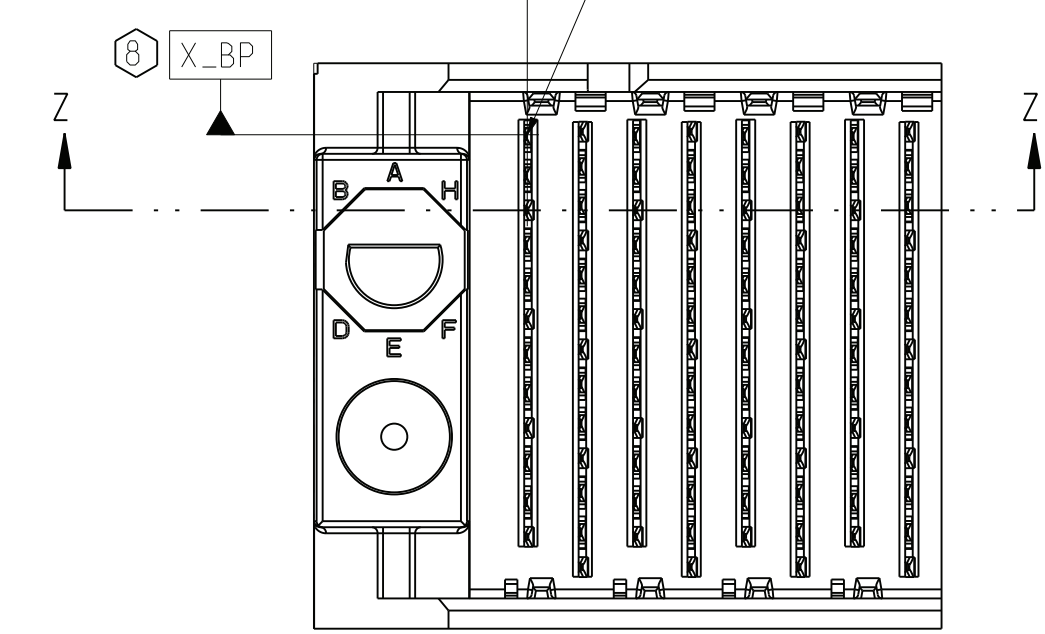
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0.0	±0.25	DRAWN 02/19/2010	HCL-RK	
0.00	±0.13	CHK 02/19/2010	T.D.O	
0.000	± -	APVD 02/19/2010	T.D.O	
ANGLES ± 3°		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD		PART NO. SEE PN TREE SHEET 1 TITLE BACKPLANE MODULES, VERTICAL MALE HEADER XCode HD, 4 PAIR 8 POSITION DRAWING NO. C-923-400E-500
INTERPRET PER ASME Y14.5M CODE IDENT 31413				REV N/A REV G ASSEM C923-400E-500 1.3 DRAWING C923-400E-500 A.10
CUSTOMER USE DRAWING		SIZE D SCALE 1/1 SHEET 2 OF 8		

DRW NO. C-923-400E-500

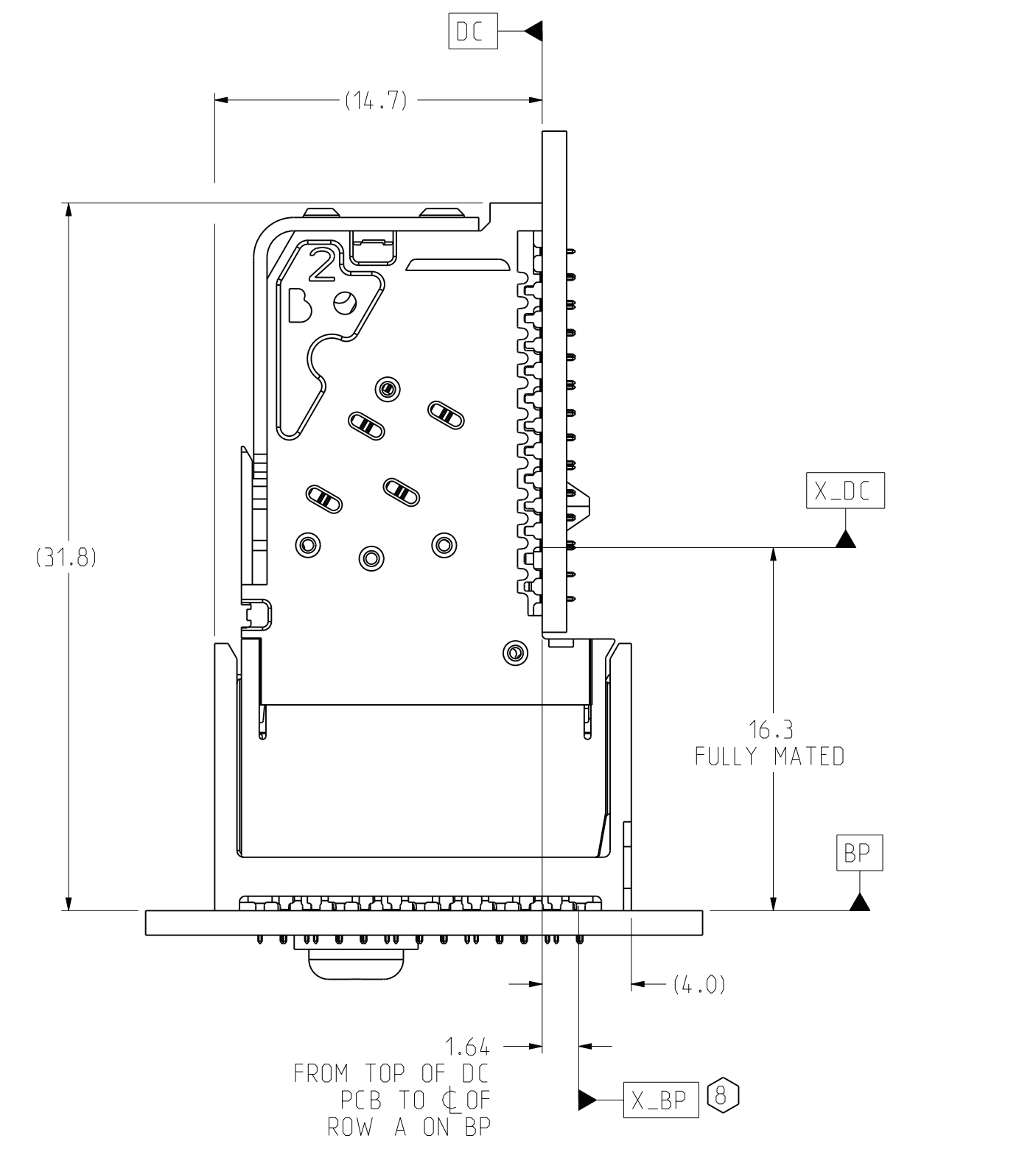
SH 2 REV G

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			

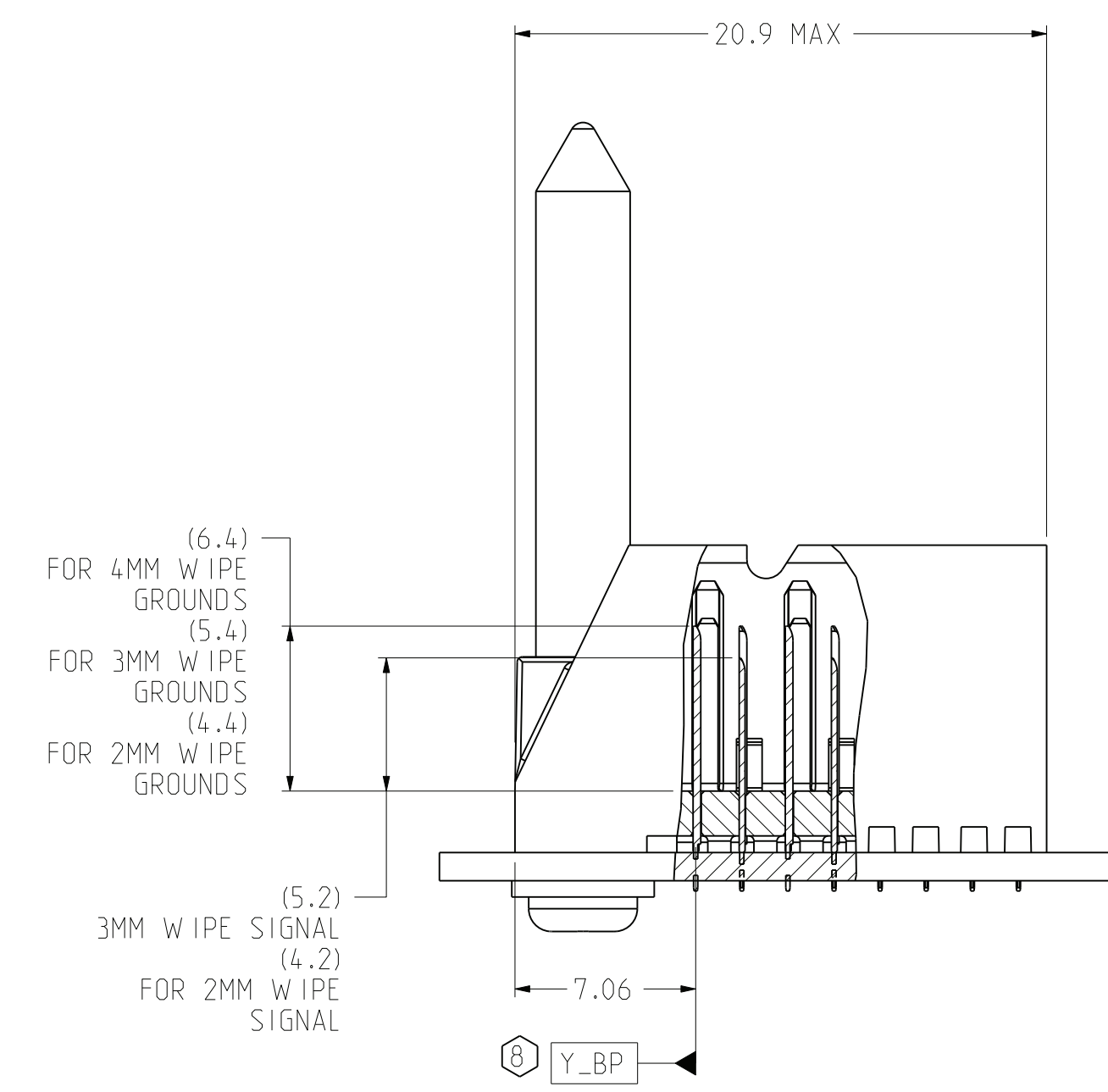
DATUMS X_BP AND Y_BP INTERSECT THE SIGNAL A1 VIA ON BACKPLANE



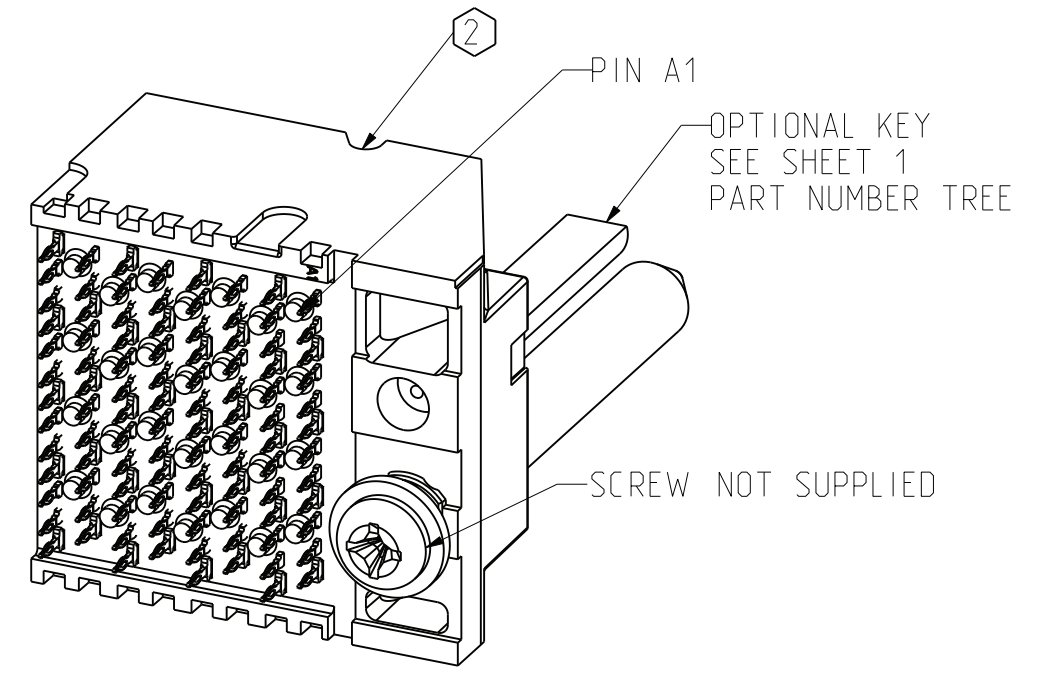
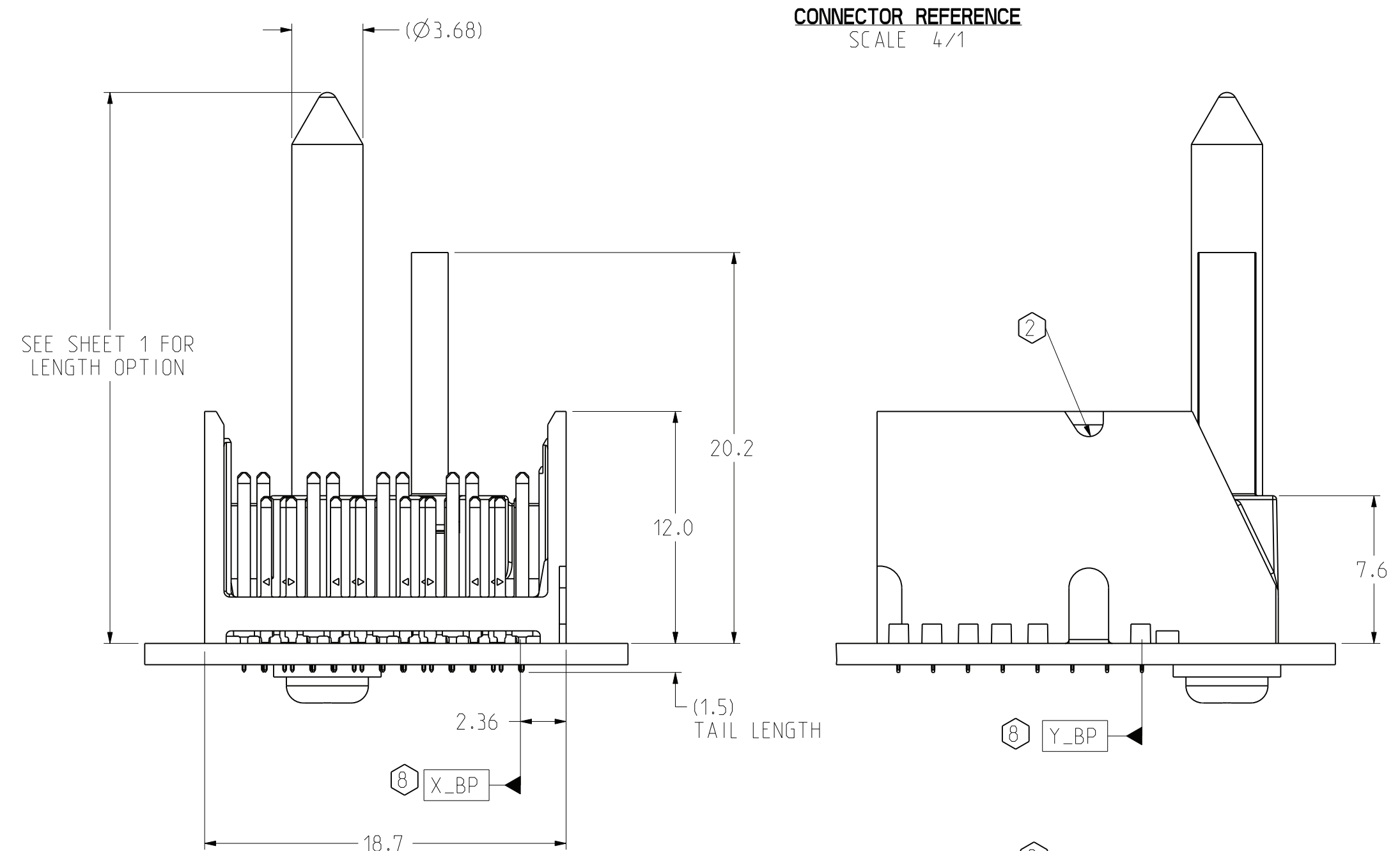
LEFT POLARIZING/GUIDE BACKPLANE MODULE DIMENSION



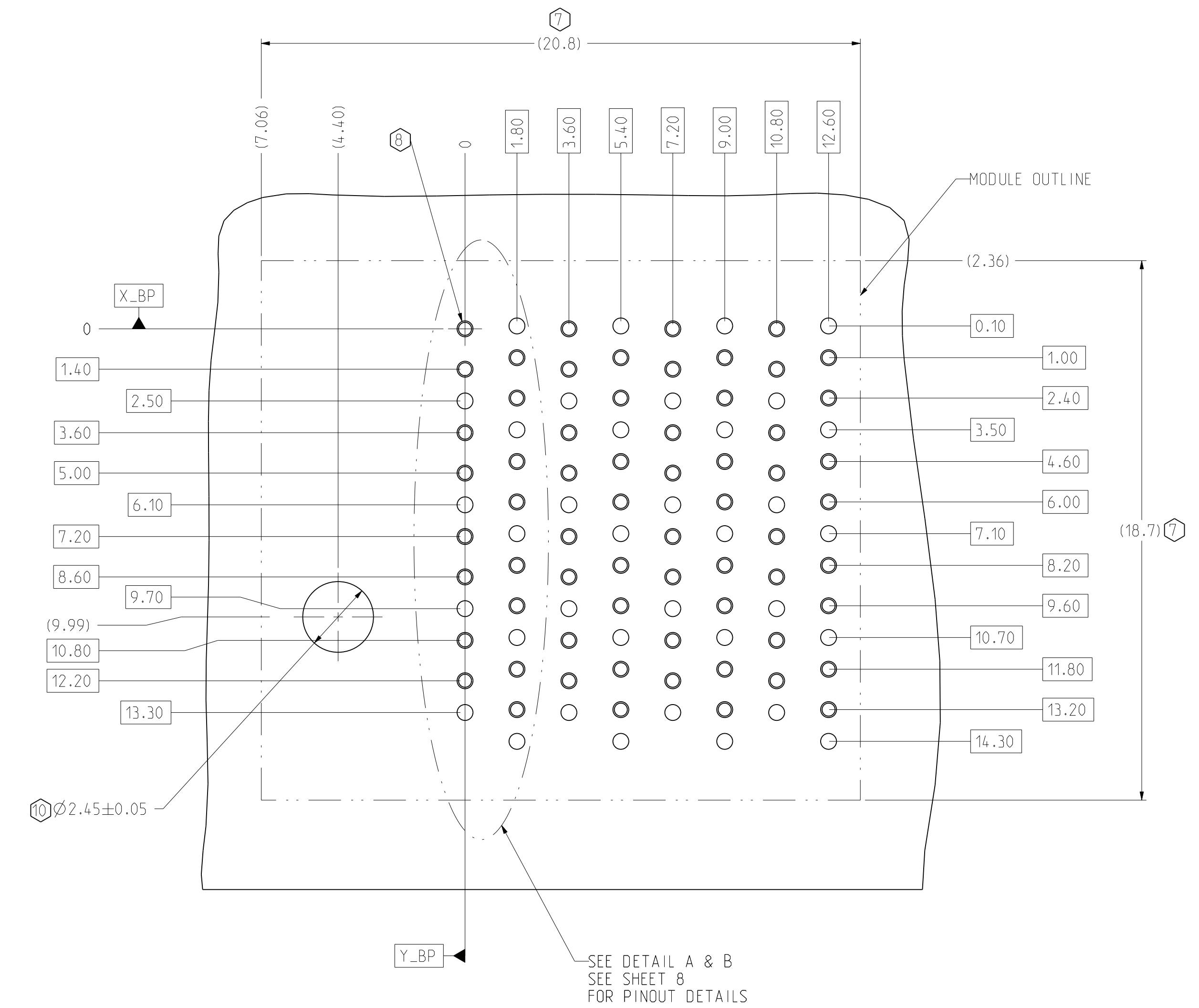
CONNECTOR REFERENCE SCALE 4/1



SECTION Z-Z



ISOMETRIC VIEW SCALE 3/1



BP HOLE PATTERN COMPONENT SIDE SCALE 8/1

LEFT POLARIZING/GUIDE BACKPLANE FOOTPRINT

TOLERANCES	DESIGN	02/19/2010
0.0	±0.25	T.DO
0.00	±0.13	HCL-RK
0.000	±	T.DO
ANGLES	± 3°	APVD 02/19/2010

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200 Innovative Way, Nashua, NH 03062 603.879.3000

TITLE BACKPLANE MODULES, VERTICAL MALE HEADER XCode HD, 4 PAIR 8 POSITION

PART NO. SEE PN TREE SHEET 1 REV N/A

DRAWING NO. C-923-400E-500 REV G

CUSTOMER USE DRAWING

INTERPRET PER ASME Y14.5M
CODE IDENT 31413

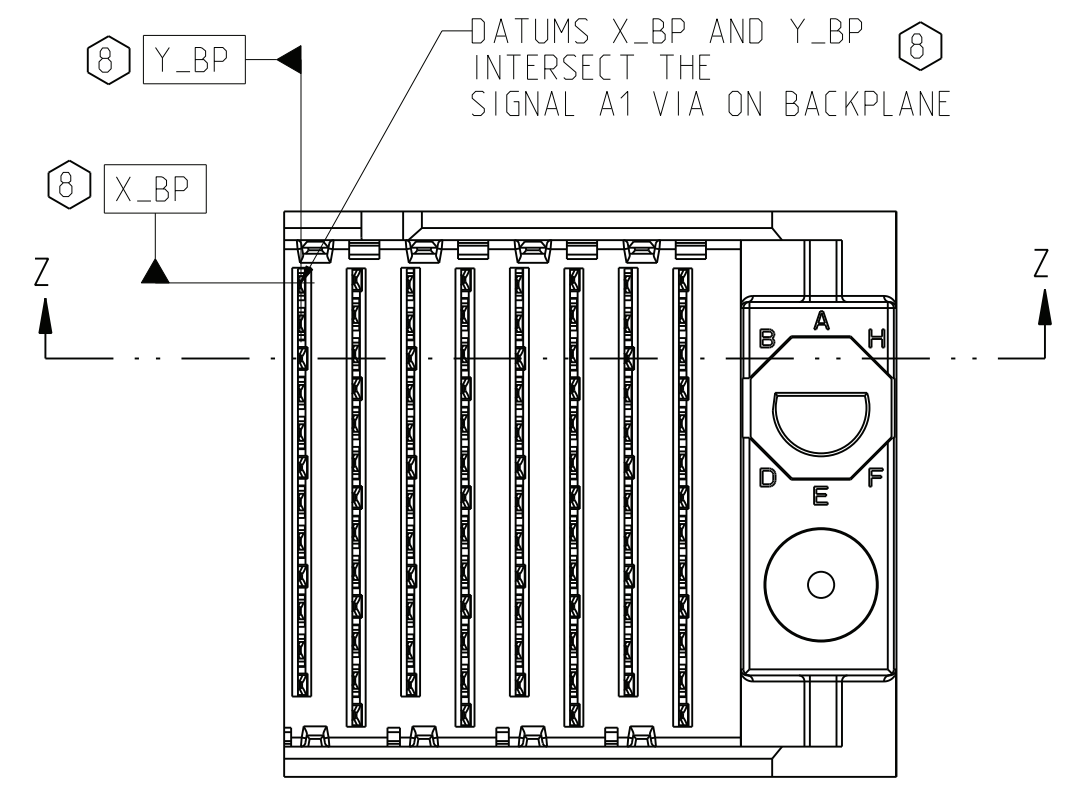
ASSEM C923-400E-500 1.3
DRAWING C923-400E-500 A.10

SIZE D SCALE 1/1 SHEET 3 OF 8

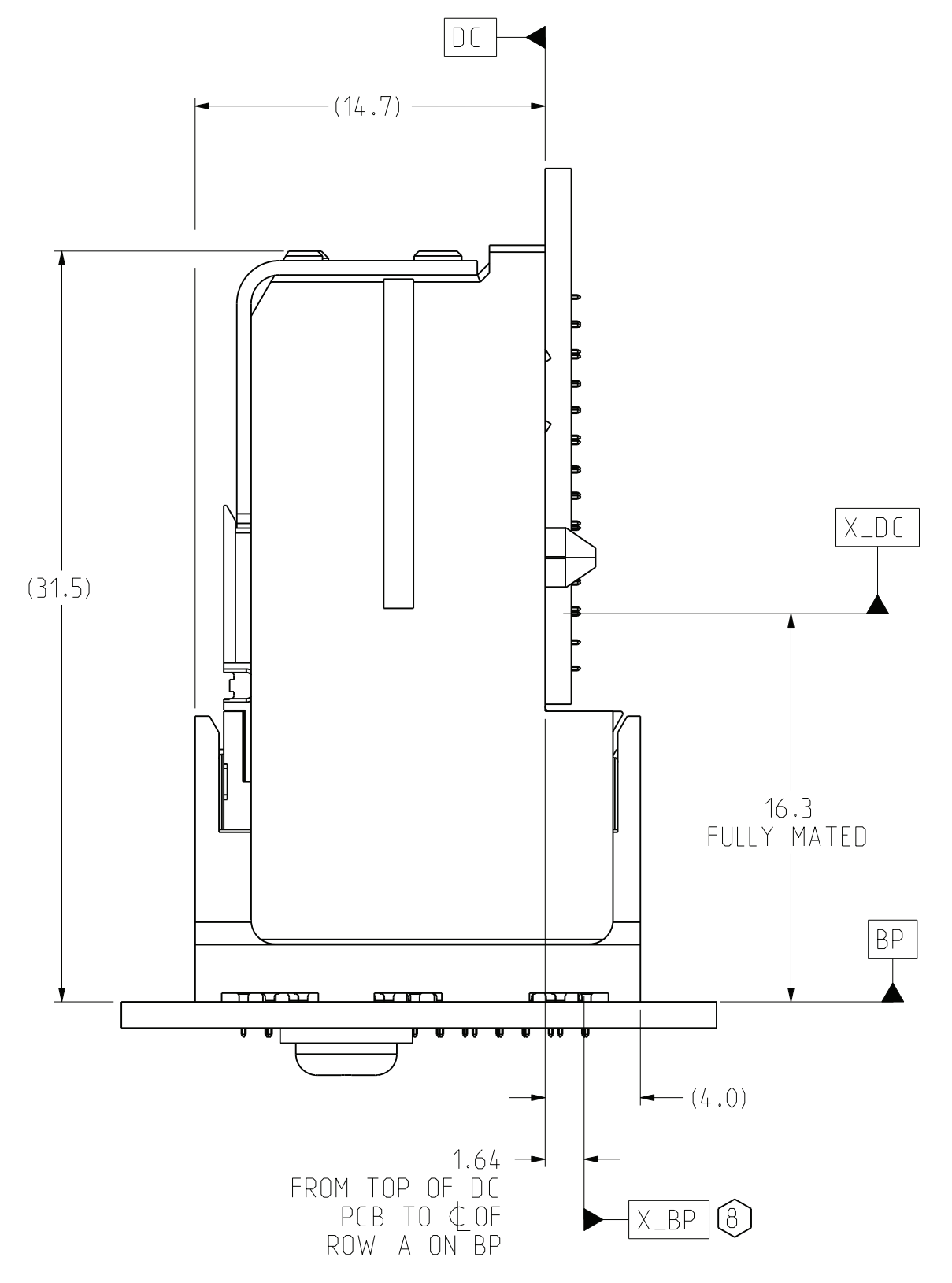
DRW NO. C-923-400E-500

SH 3 REV G

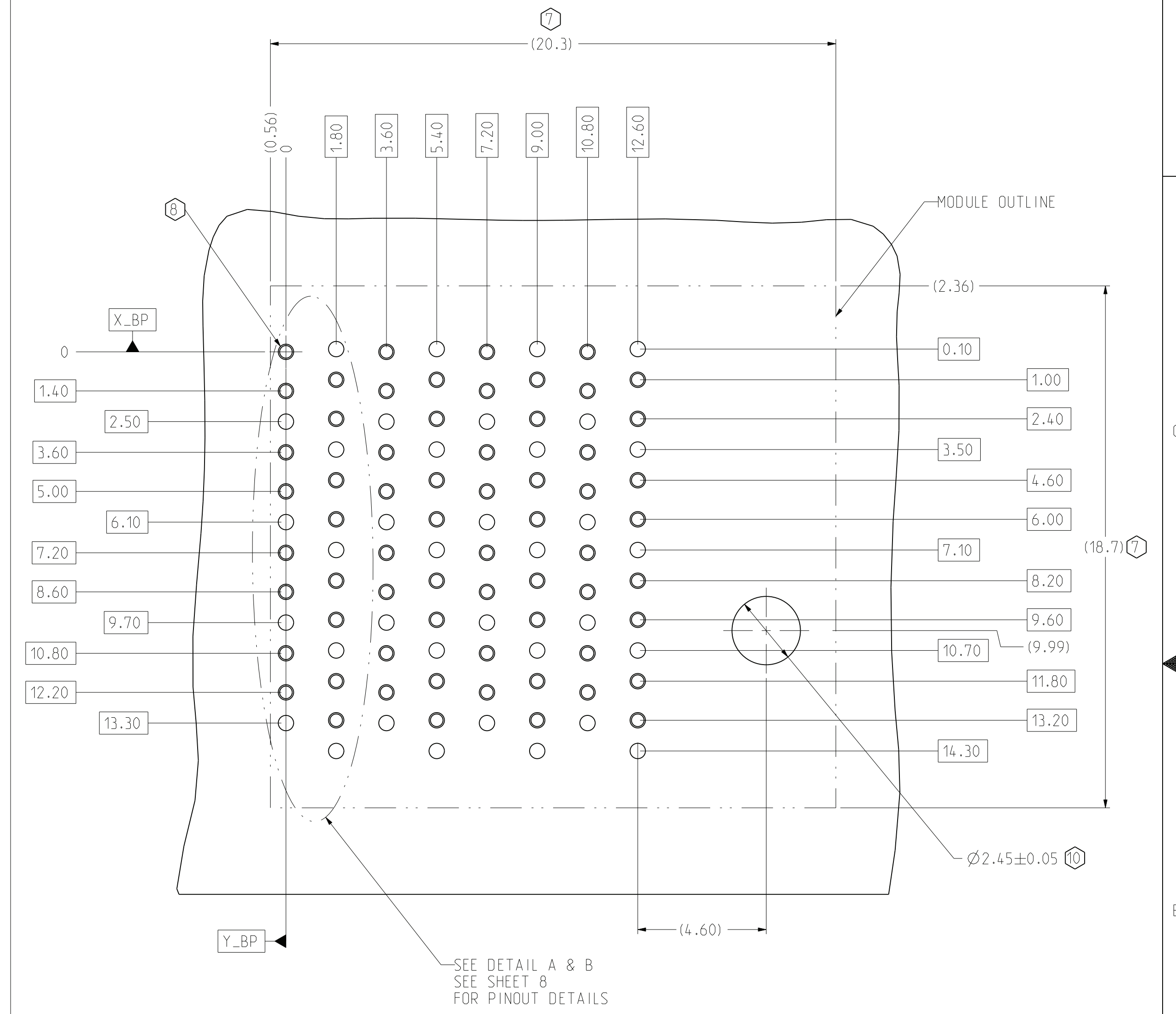
ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



RIGHT POLARIZING/GUIDE BACKPLANE MODULE DIMENSION

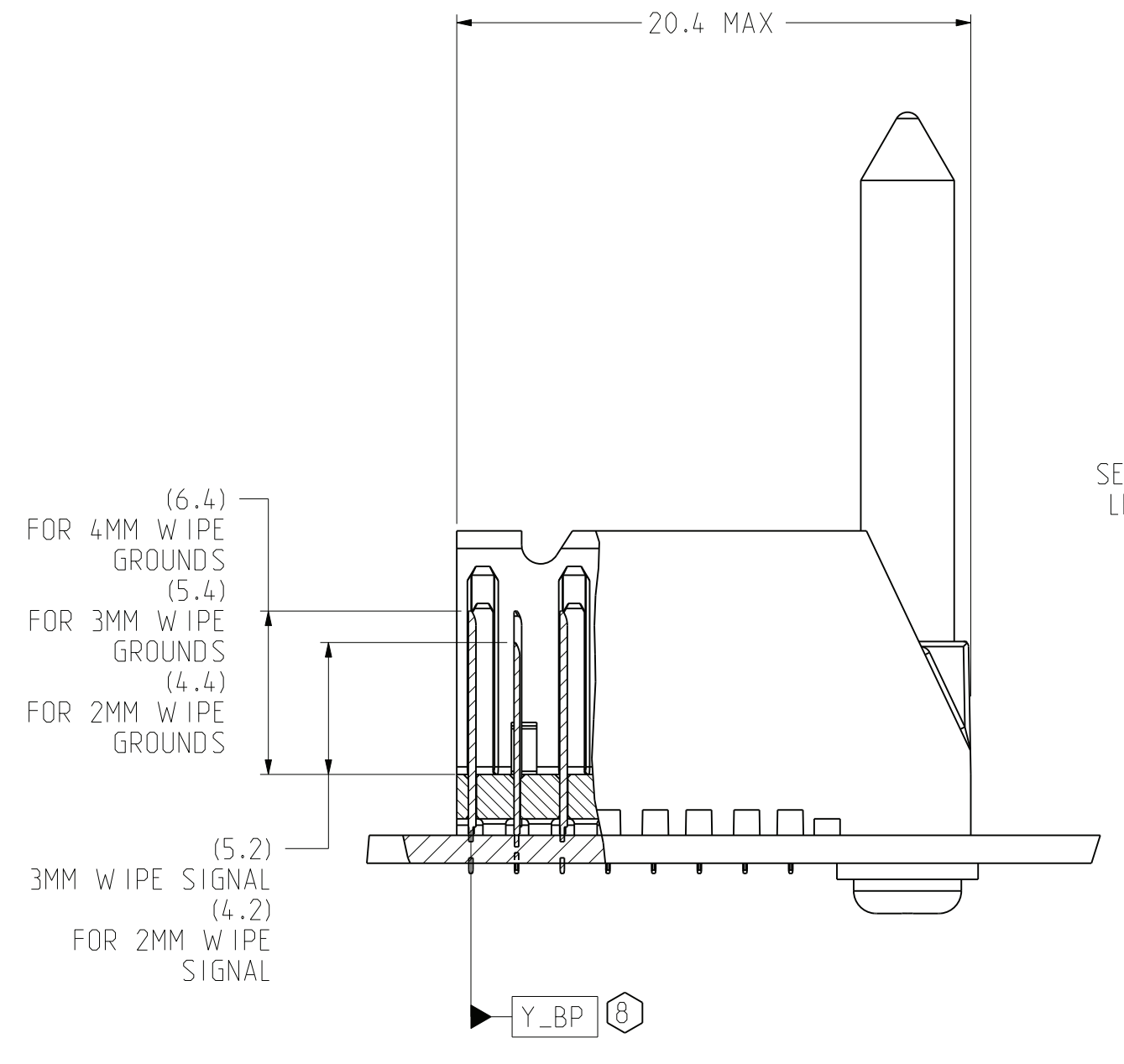


CONNECTOR REFERENCE SCALE 4/1

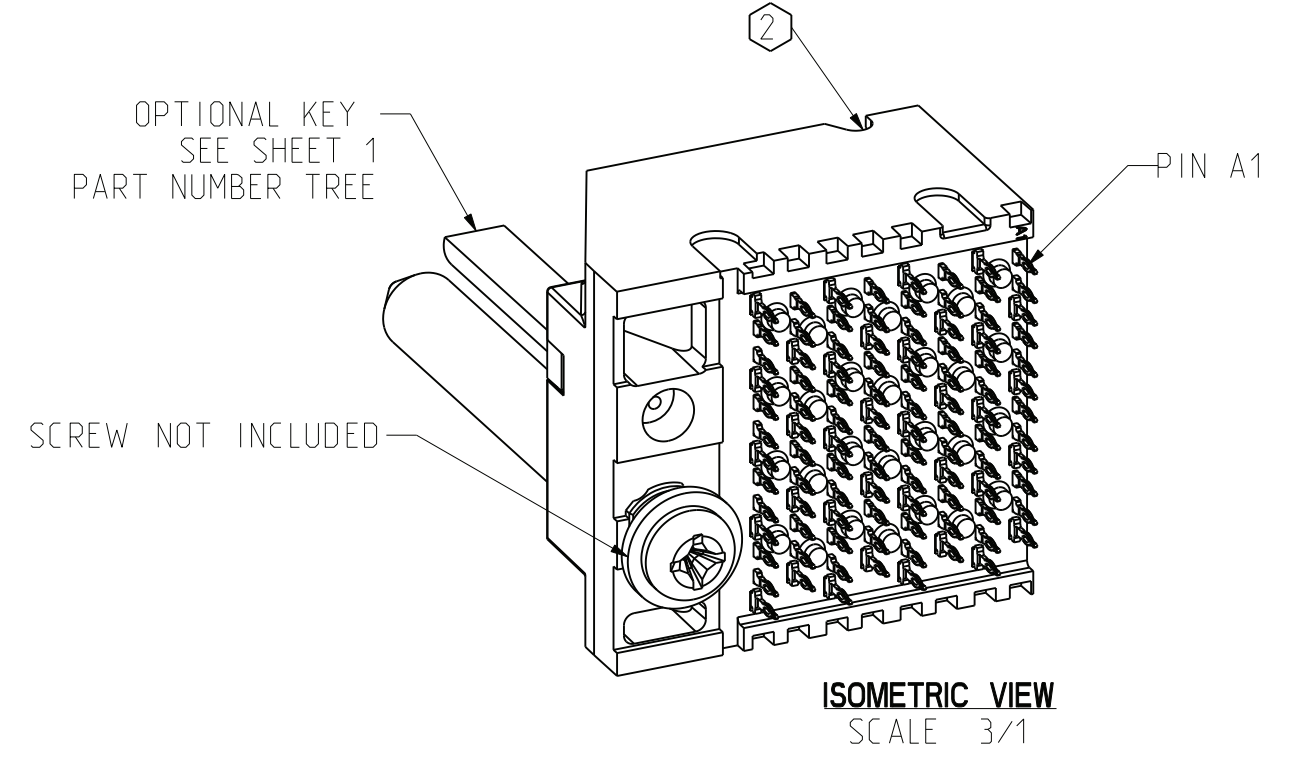
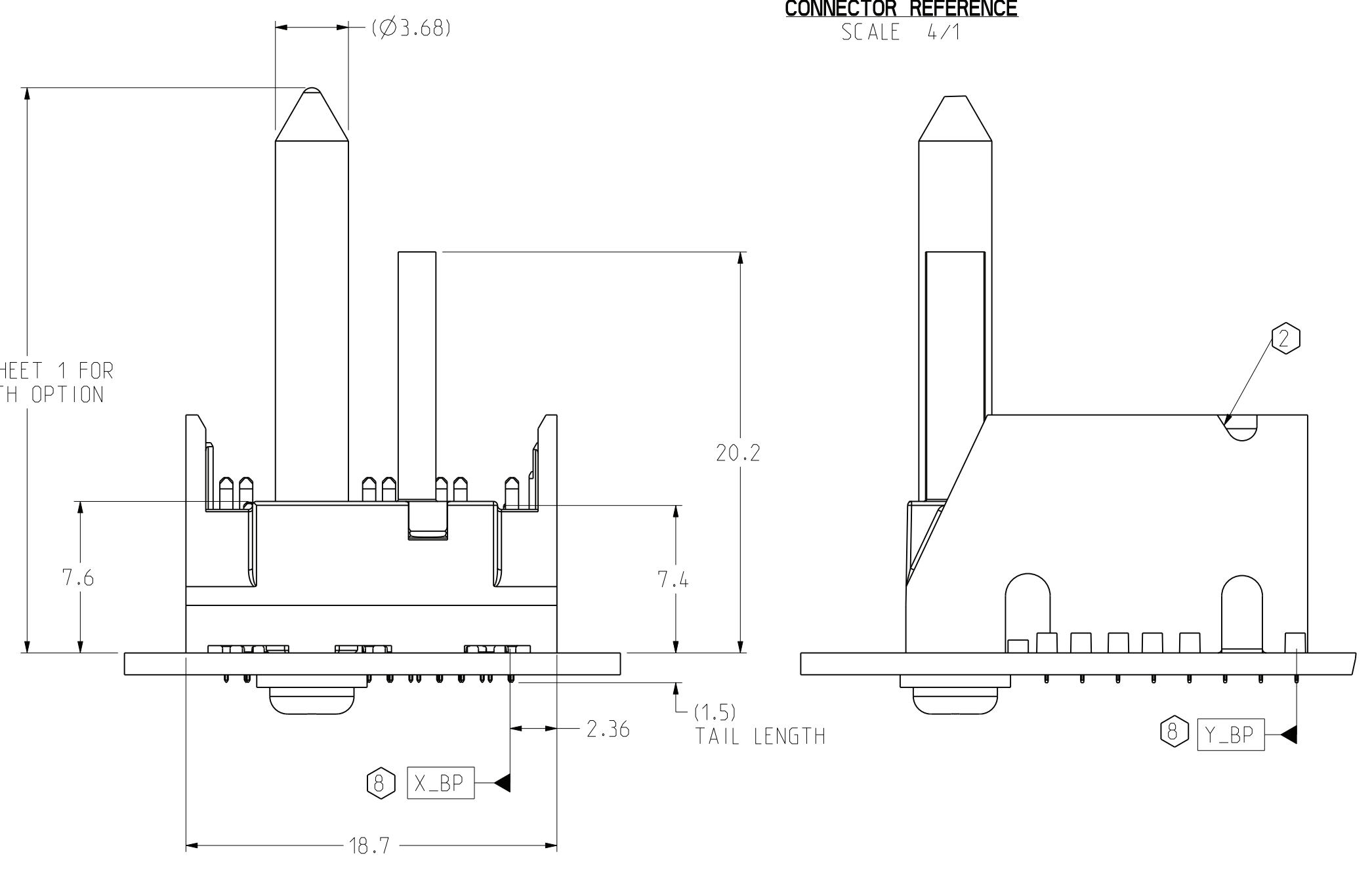


BP HOLE PATTERN COMPONENT SIDE SCALE 8/1

RIGHT POLARIZING/GUIDE BACKPLANE FOOTPRINT



SECTION Z-Z



ISOMETRIC VIEW SCALE 3/1

TOLERANCES	DESIGN 02/19/2010	T.D.O	Amphenol TCS A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03062 603.879.3000
0.0	±0.25	DRAWN 02/19/2010	
0.00	±0.13	CHK 02/19/2010	
0.000	± -	APVD 02/19/2010	
ANGLES	± 3°	T.D.O	TITLE BACKPLANE MODULES, VERTICAL MALE HEADER XCede HD, 4 PAIR 8 POSITION PART NO. SEE PN TREE SHEET 1 DRAWING NO. C-923-400E-500

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

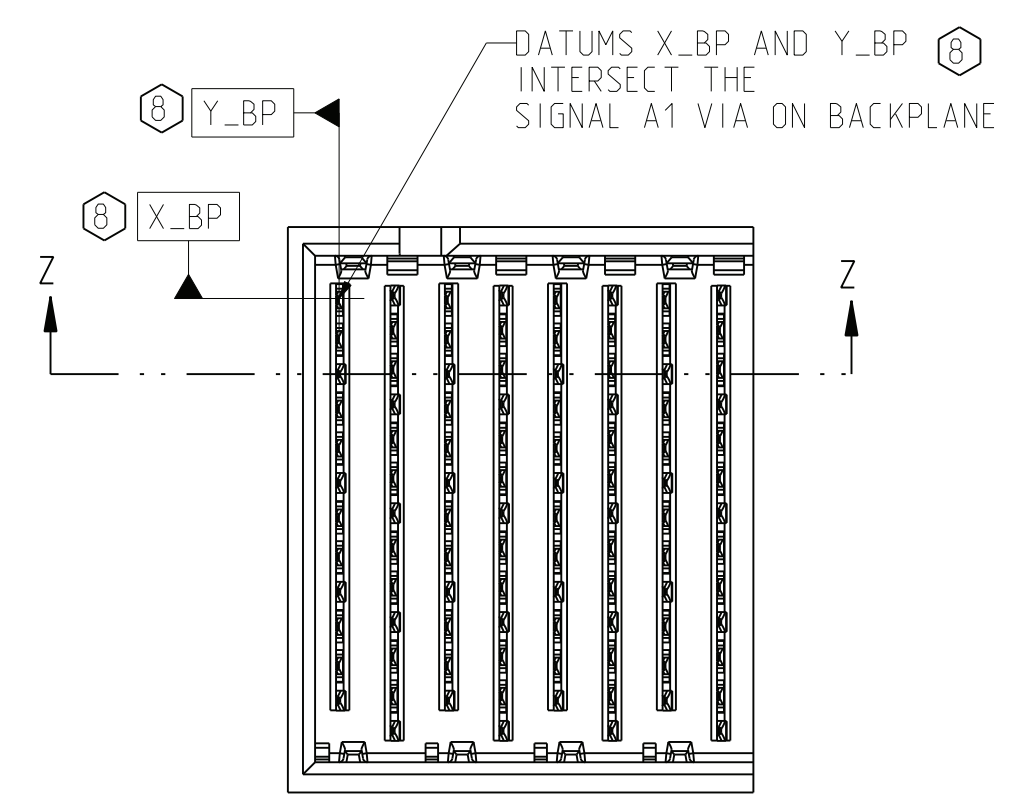
CUSTOMER USE DRAWING

ASSEM C923-400E-500	1.3
DRAWING C923-400E-500	A.10
SIZE D	SCALE 1/1
SHEET 4 OF 8	

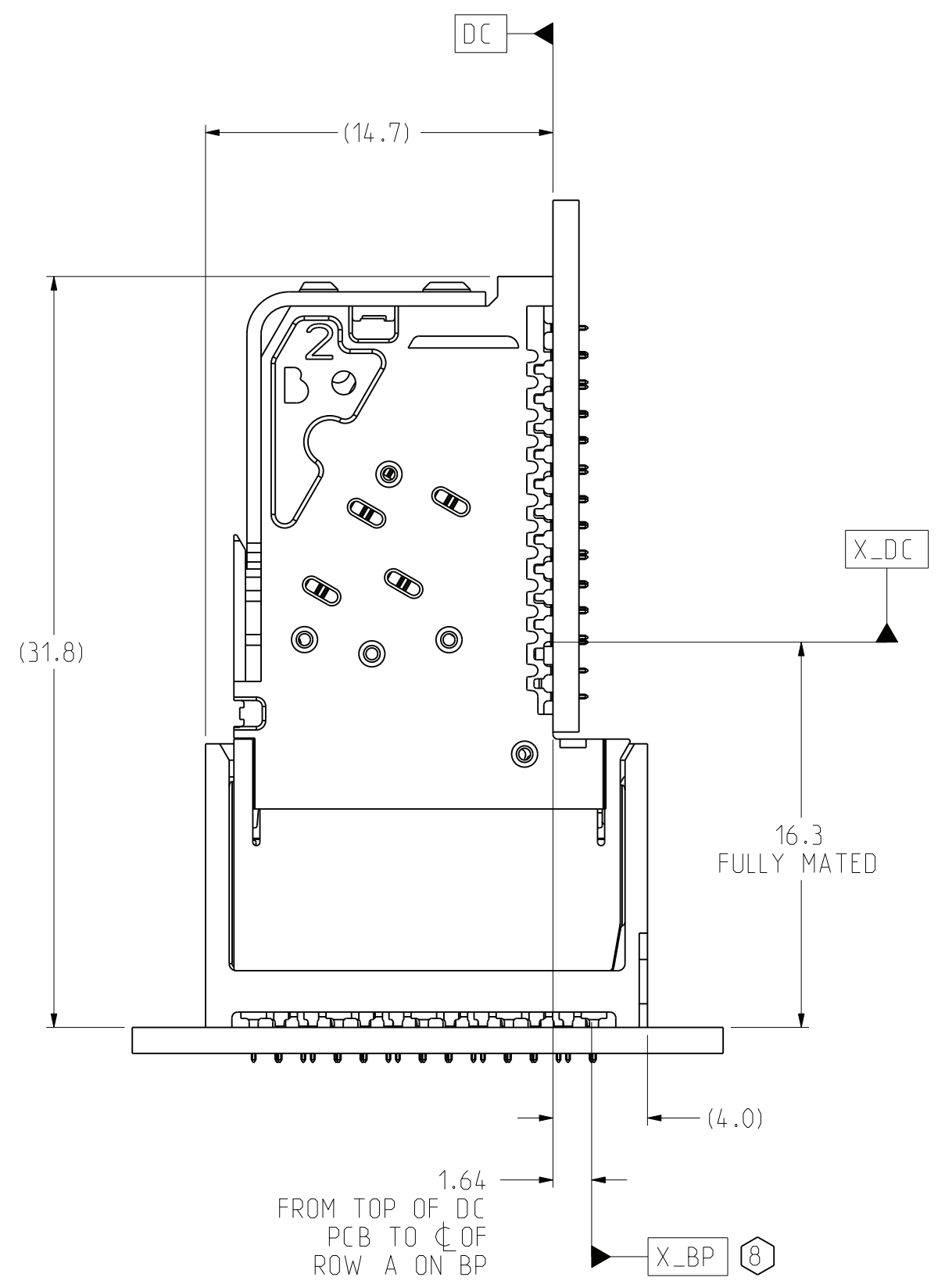
DRW NO. C-923-400E-500

SH 4 REV G

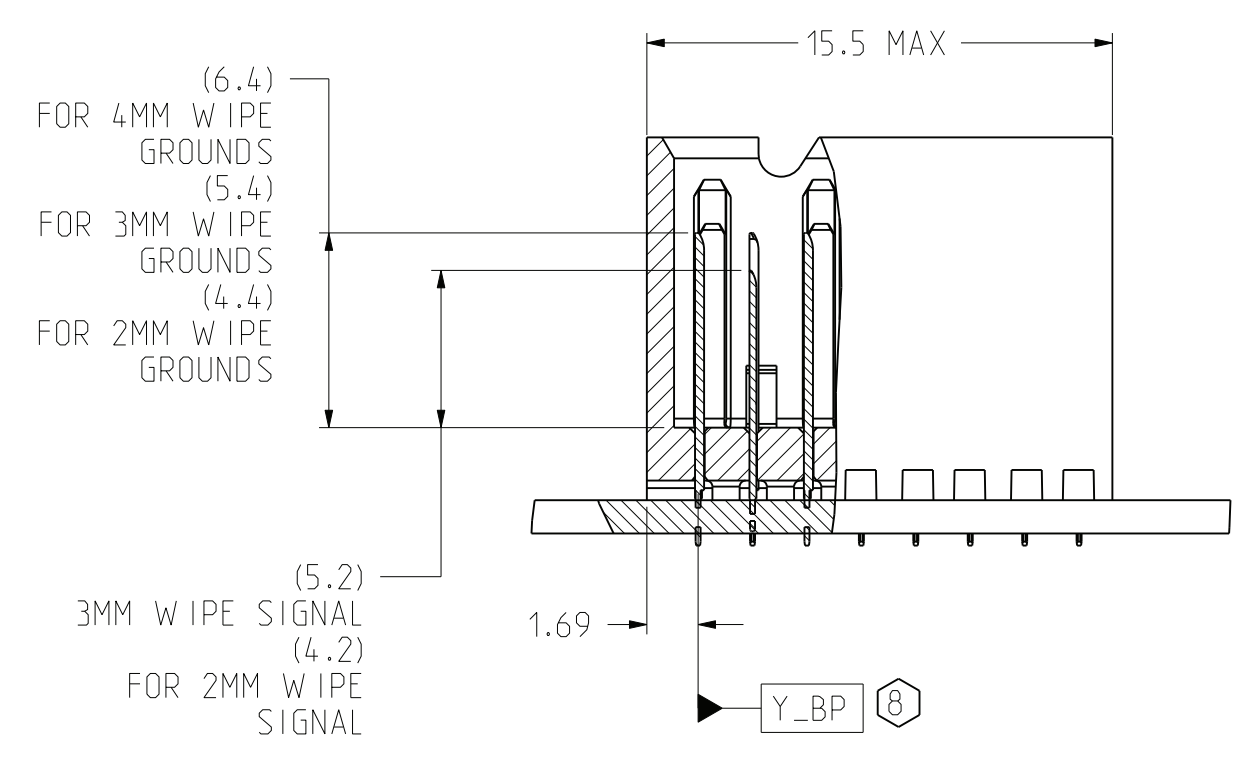
ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



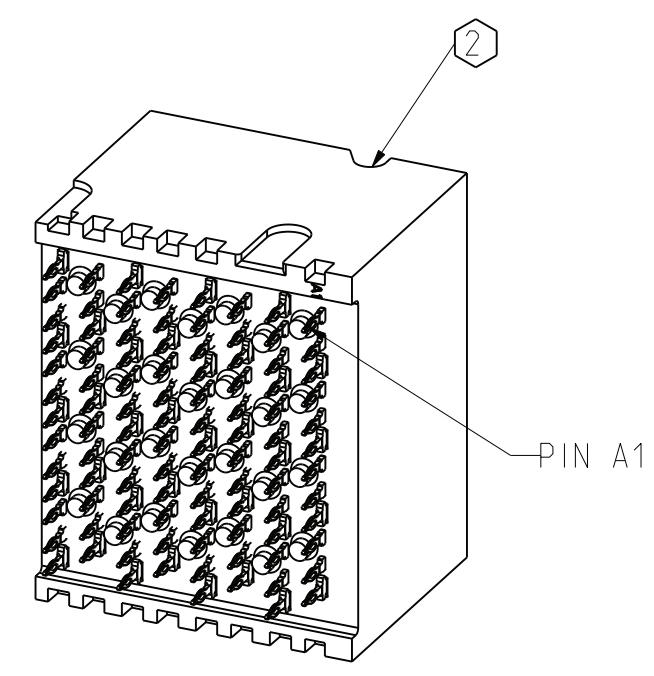
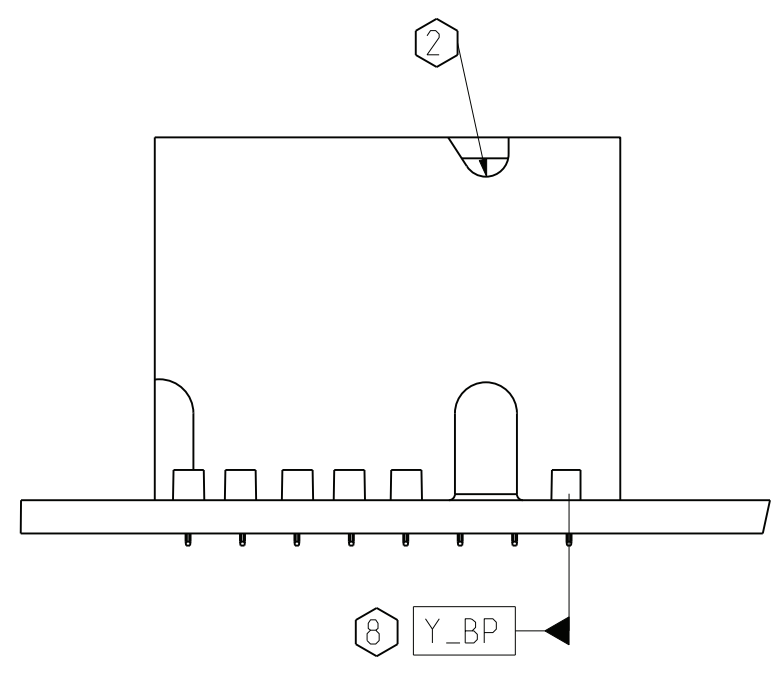
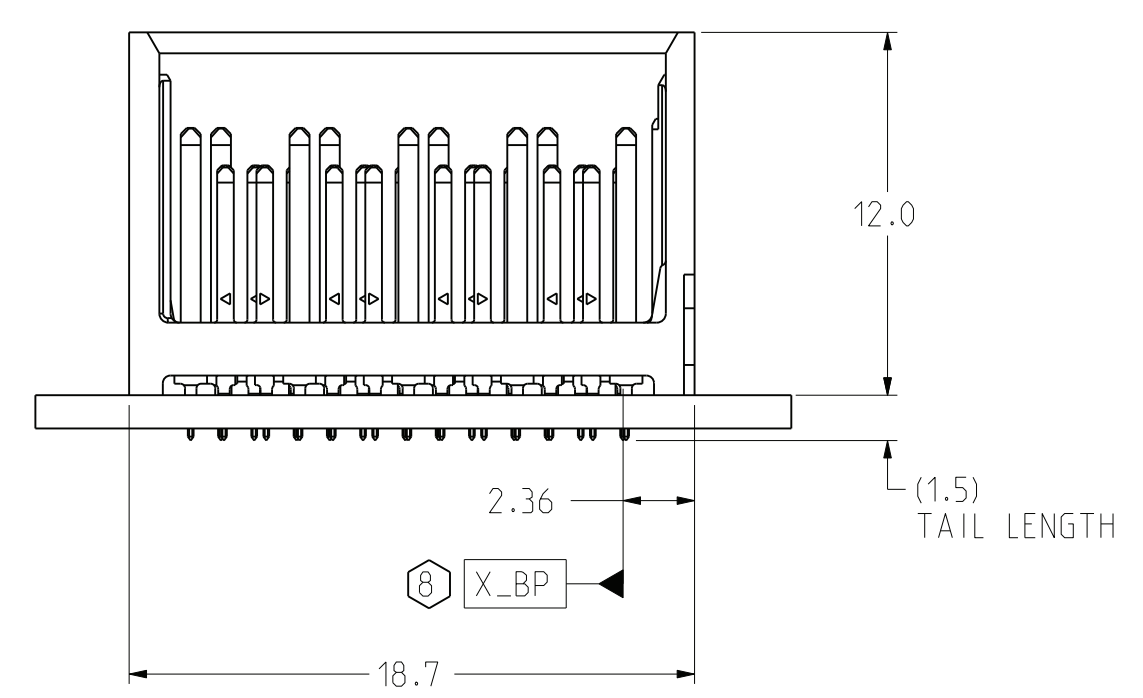
LEFT WALL BACKPLANE MODULE DIMENSION



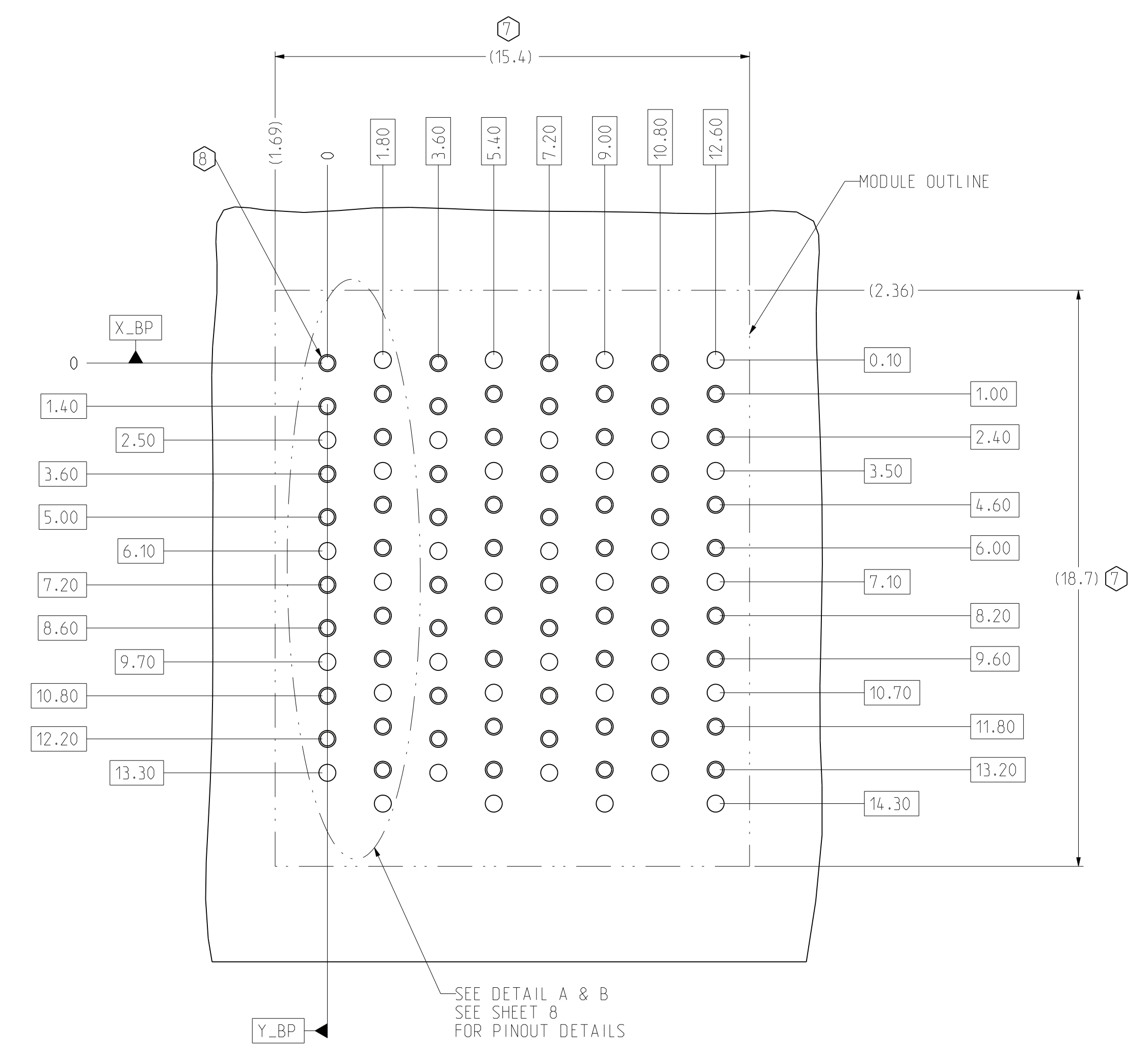
CONNECTOR REFERENCE SCALE 4/1



SECTION Z-Z



ISOMETRIC VIEW SCALE 3/1



BP HOLE PATTERN COMPONENT SIDE SCALE 8/1

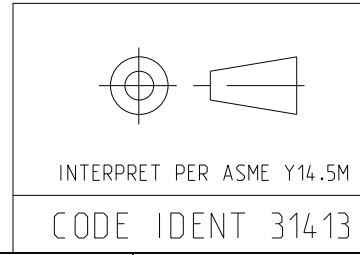
LEFT WALL BACKPLANE FOOTPRINT

TOLERANCES	DESIGN 02/19/2010	T.D.O
0.0	±0.25	DRAWN 02/19/2010
0.00	±0.13	CHK 02/19/2010
0.000	± -	APVD 02/19/2010
ANGLES	± 3°	T.D.O

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TITLE BACKPLANE MODULES, VERTICAL MALE HEADER XCode HD, 4 PAIR 8 POSITION

PART NO. SEE PN TREE SHEET 1 REV N/A



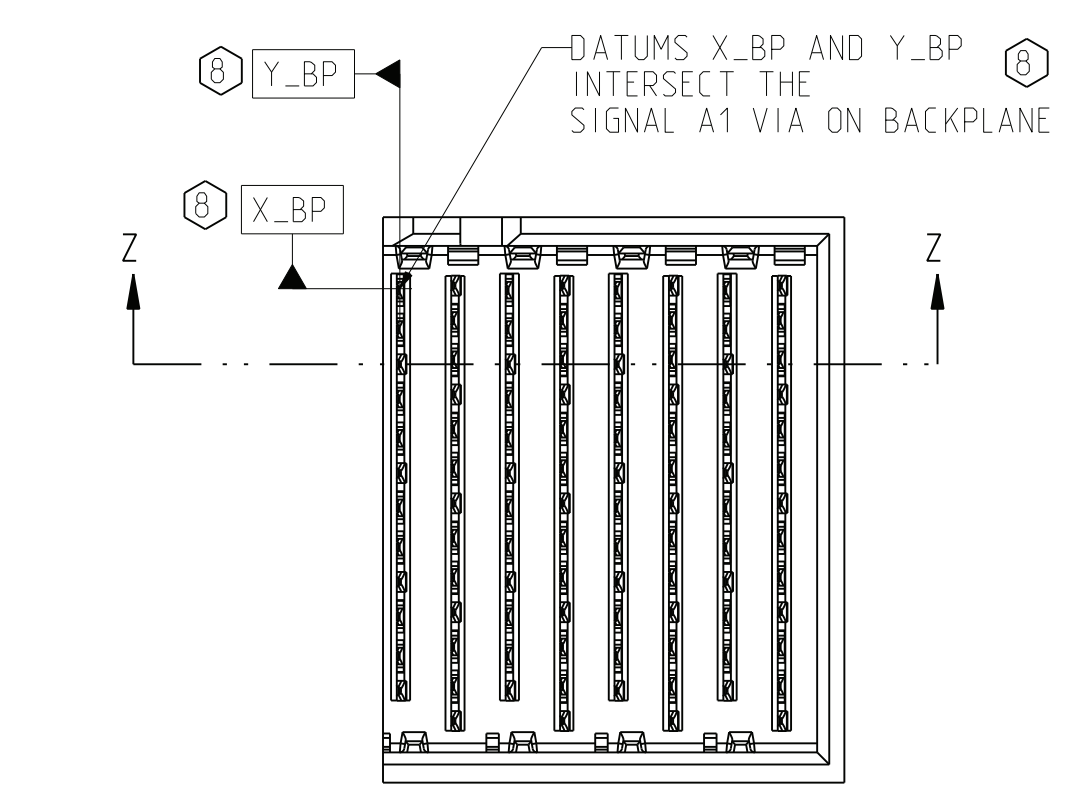
CUSTOMER USE DRAWING

ASSEMBLY	SCALE	SHEET
ASSEM C923-400E-500	1:1	5 OF 8
DRAWING C923-400E-500		

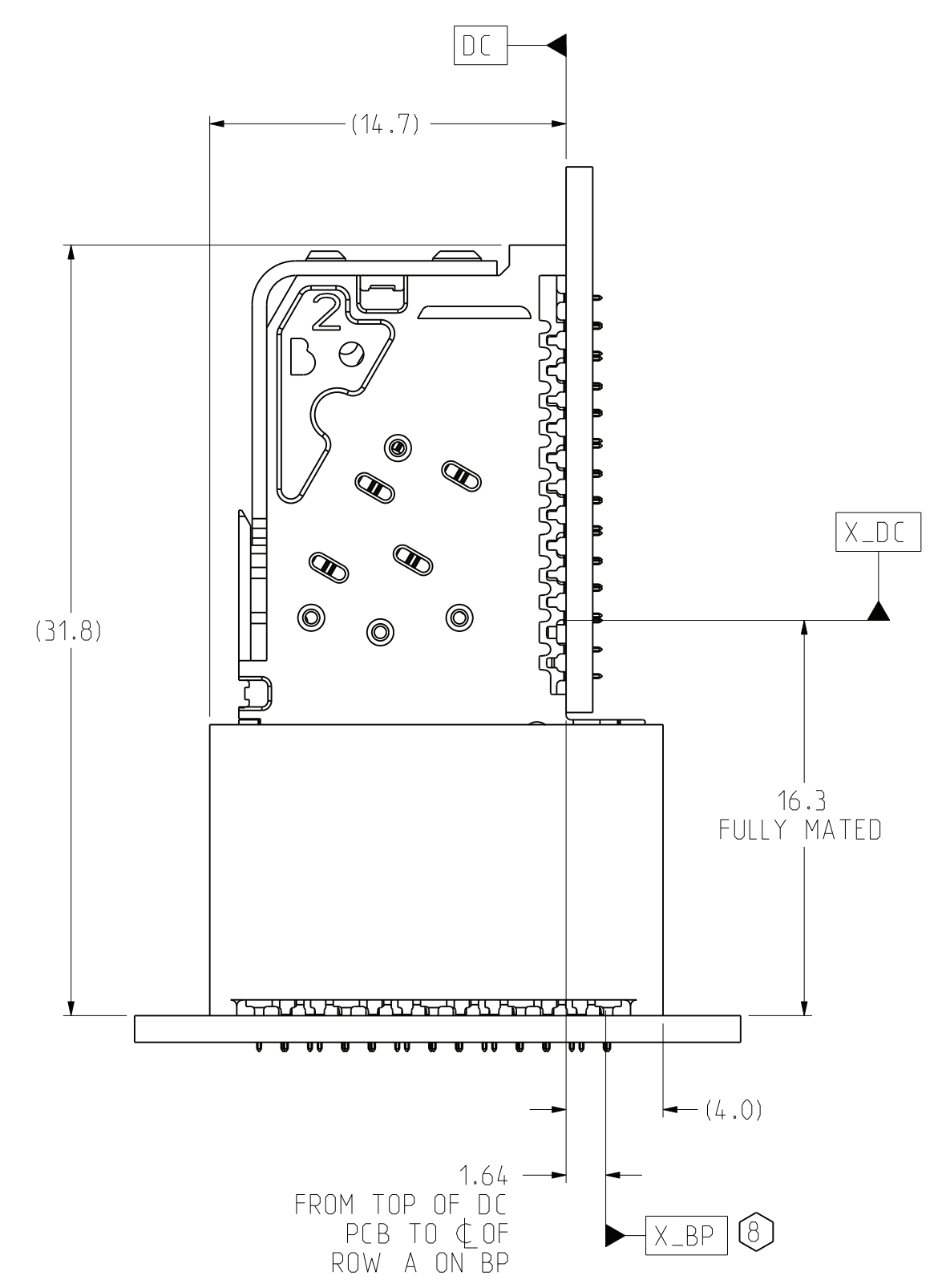
DRW NO. C-923-400E-500

SH 5 REV G

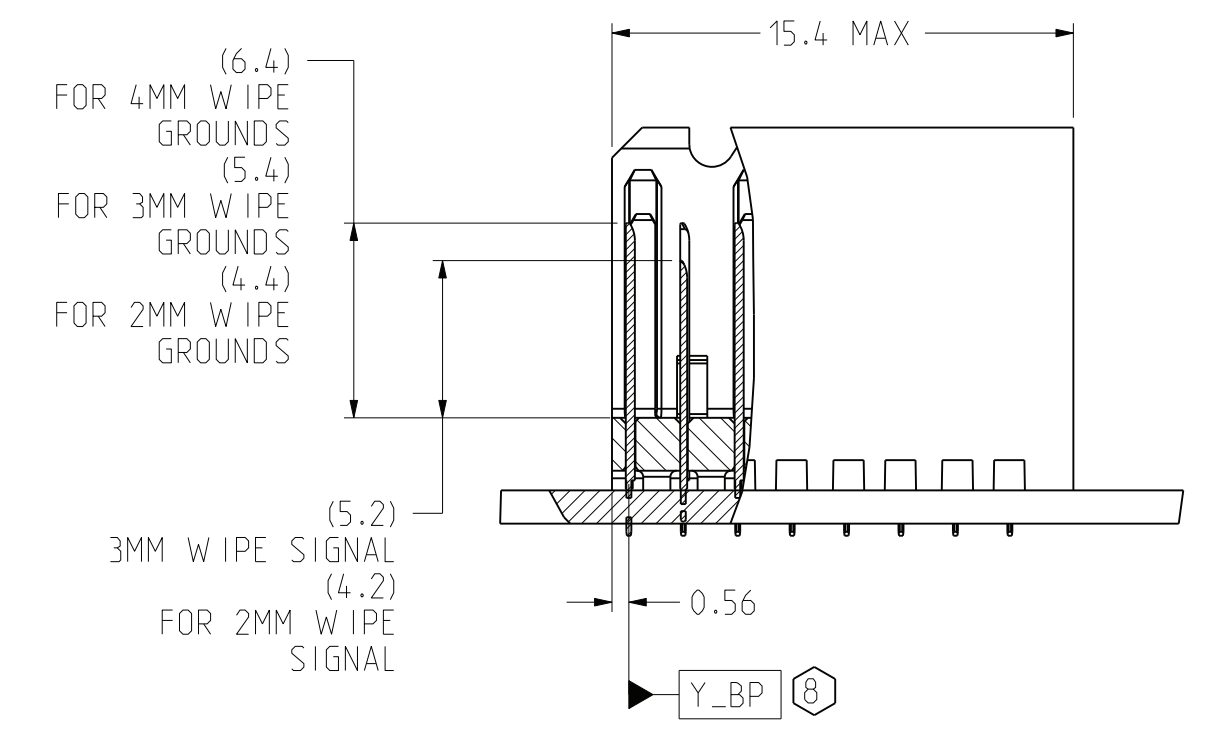
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ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



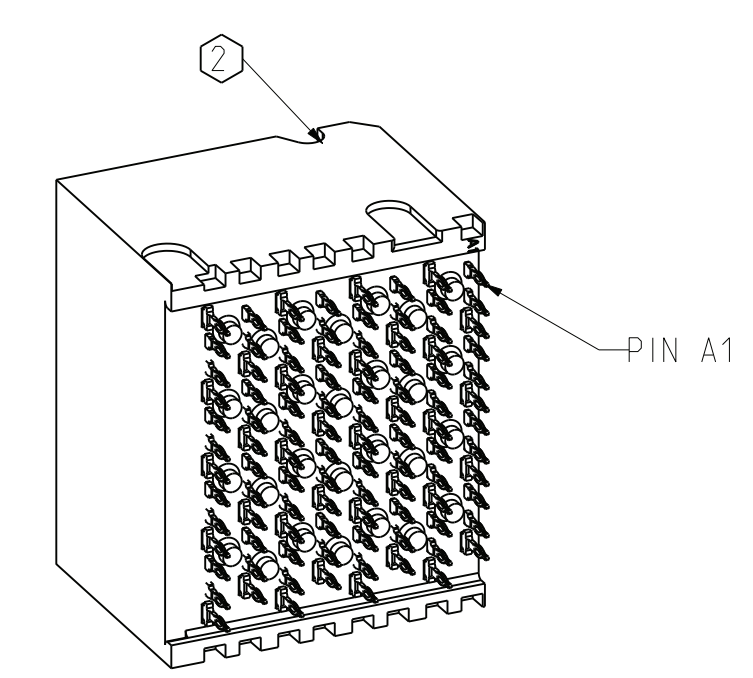
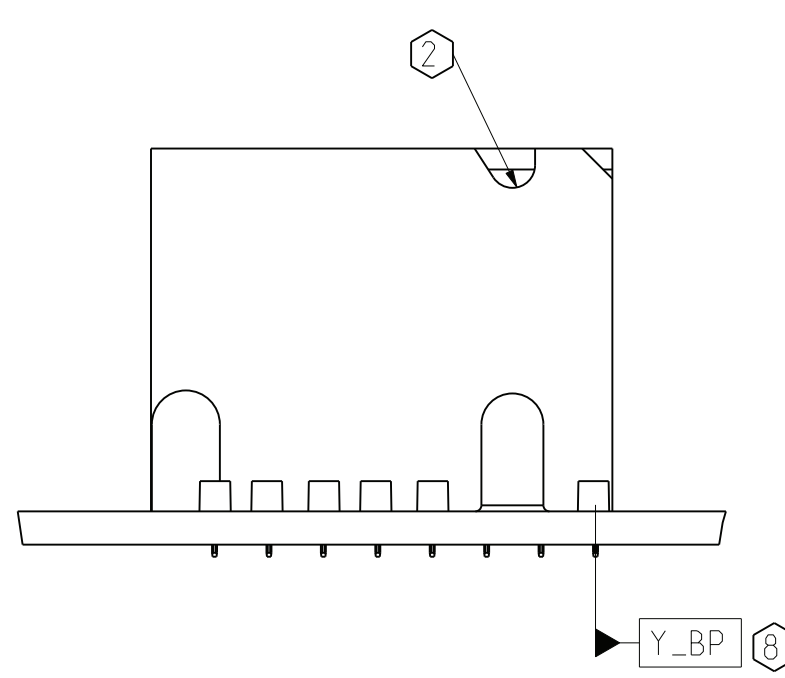
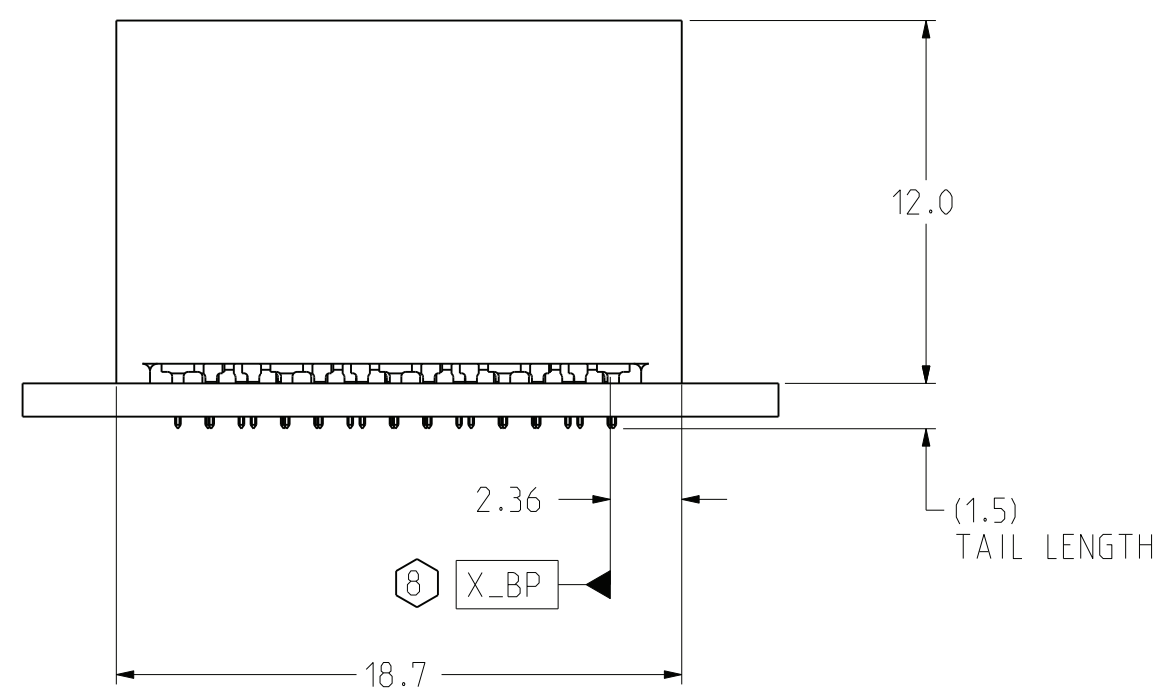
RIGHT WALL BACKPLANE MODULE DIMENSION



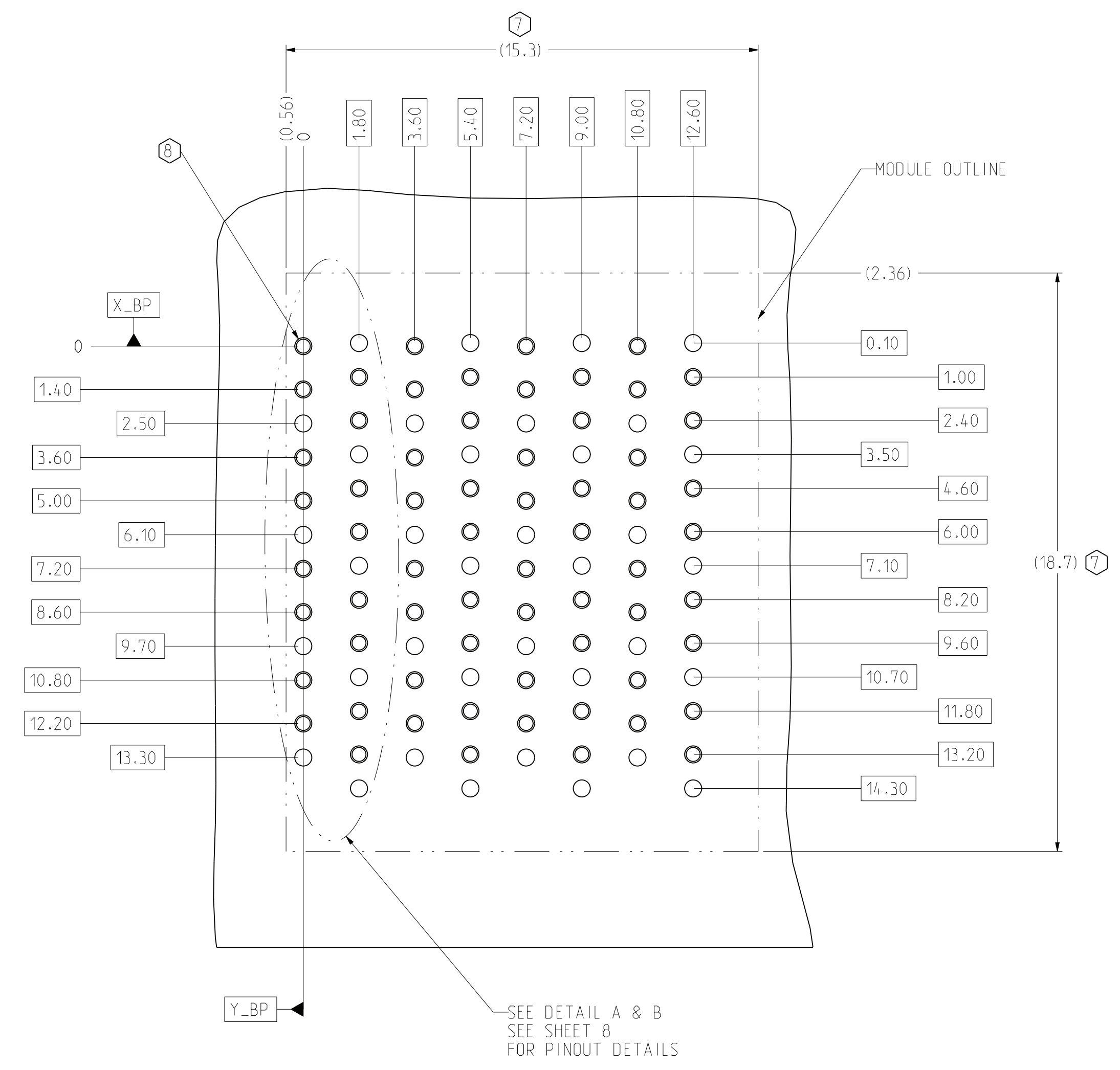
CONNECTOR REFERENCE
SCALE 4/1



SECTION Z-Z



ISOMETRIC VIEW
SCALE 3/1



BP_HOLE_PATTERN
COMPONENT SIDE
SCALE 8/1

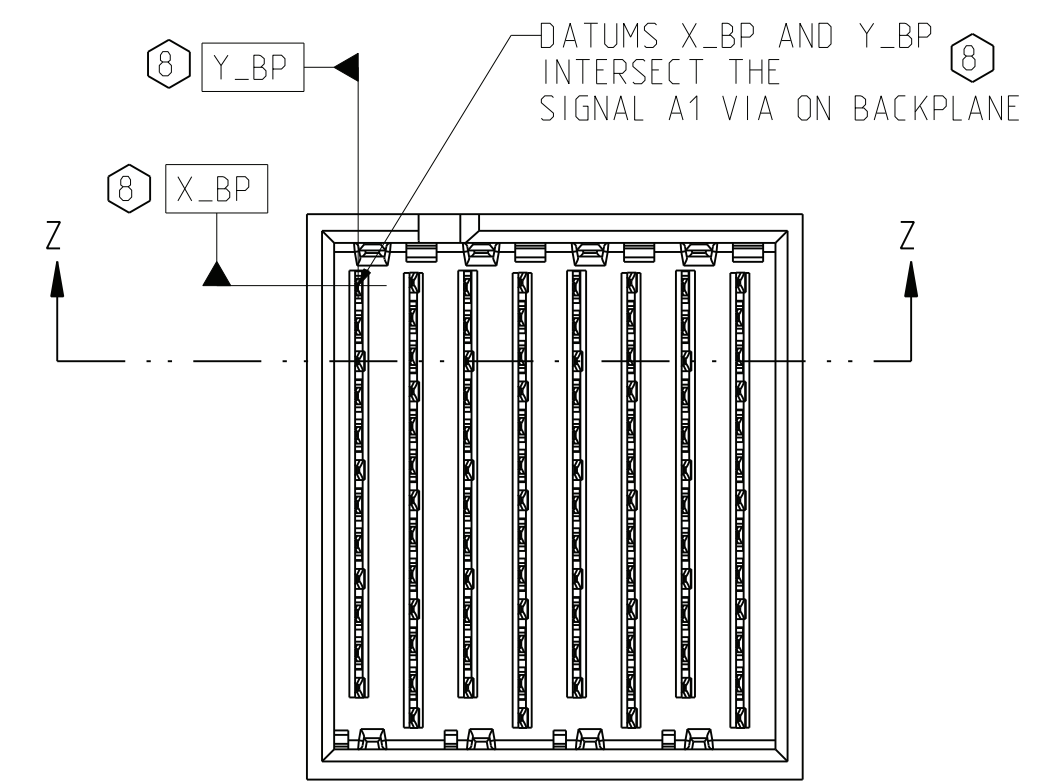
RIGHT WALL BACKPLANE FOOTPRINT

TOLERANCES	DESIGN 02/19/2010	Amphenol TCS	
0.0	± 0.25	A Division of Amphenol Corporation	
0.00	± 0.13	200 Innovative Way, Nashua, NH 03062 603.879.3000	
0.000	$\pm -$	TITLE BACKPLANE MODULES, VERTICAL MALE HEADER XCede HD, 4 PAIR 8 POSITION	
ANGLES	$\pm 3^\circ$	PART NO.	SEE PN TREE SHEET 1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD.		REV	N/A
INTERPRET PER ASME Y14.5M		DRAWING NO.	C-923-400E-500
CODE IDENT 31413		ASSEMBLY	ASSEM C923-400E-500
CUSTOMER USE DRAWING		REV	G
		SIZE	D
		SCALE	1/1
		SHEET	6 OF 8

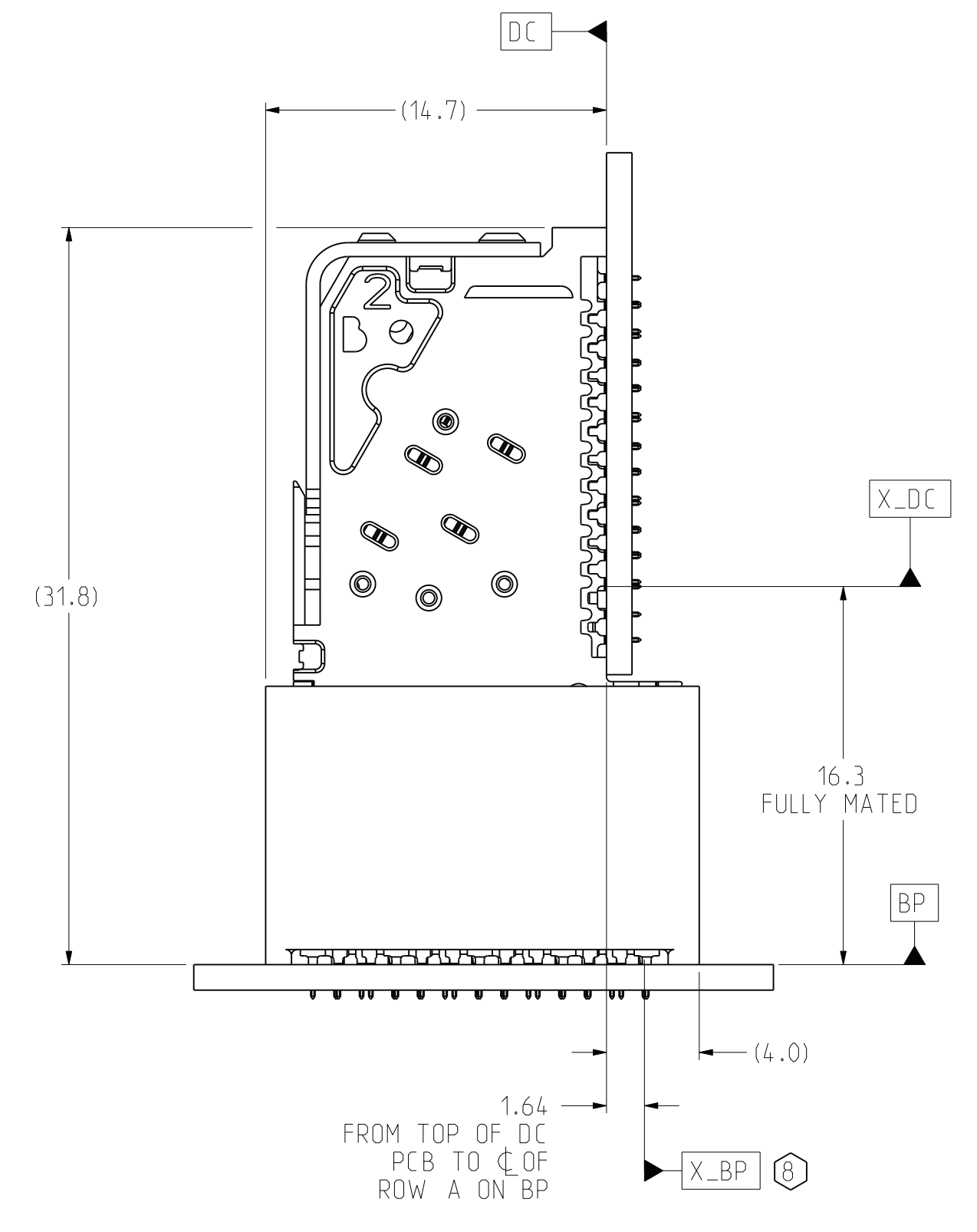
DRW NO. C-923-400E-500

SH 6 REV G

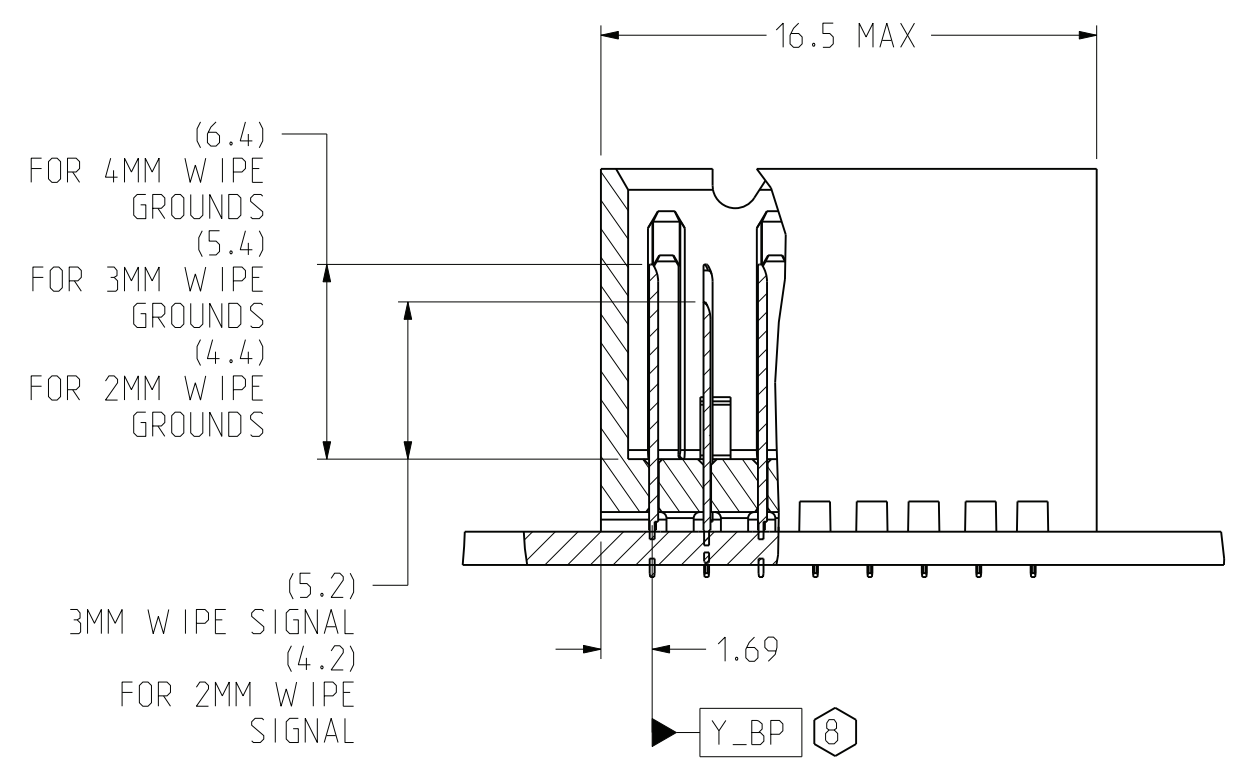
ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



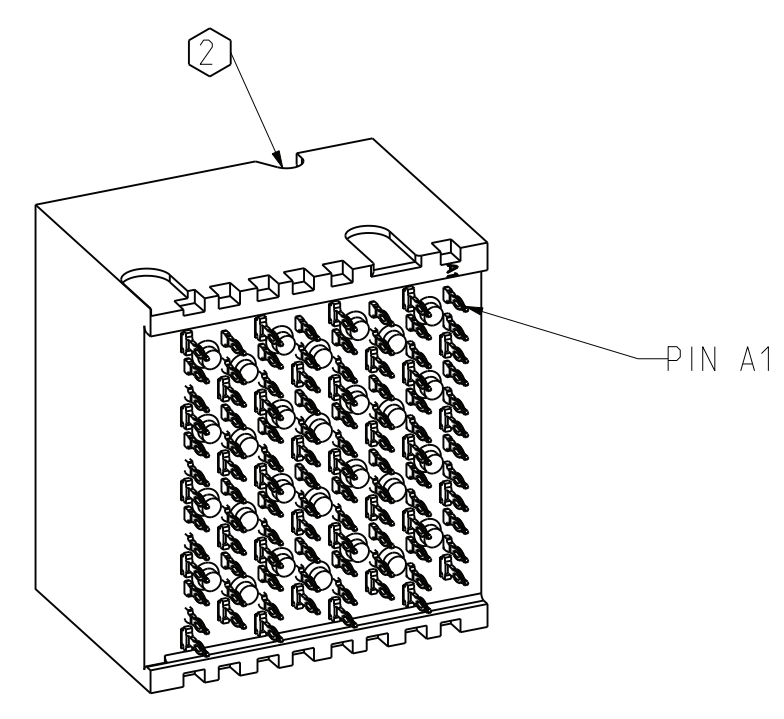
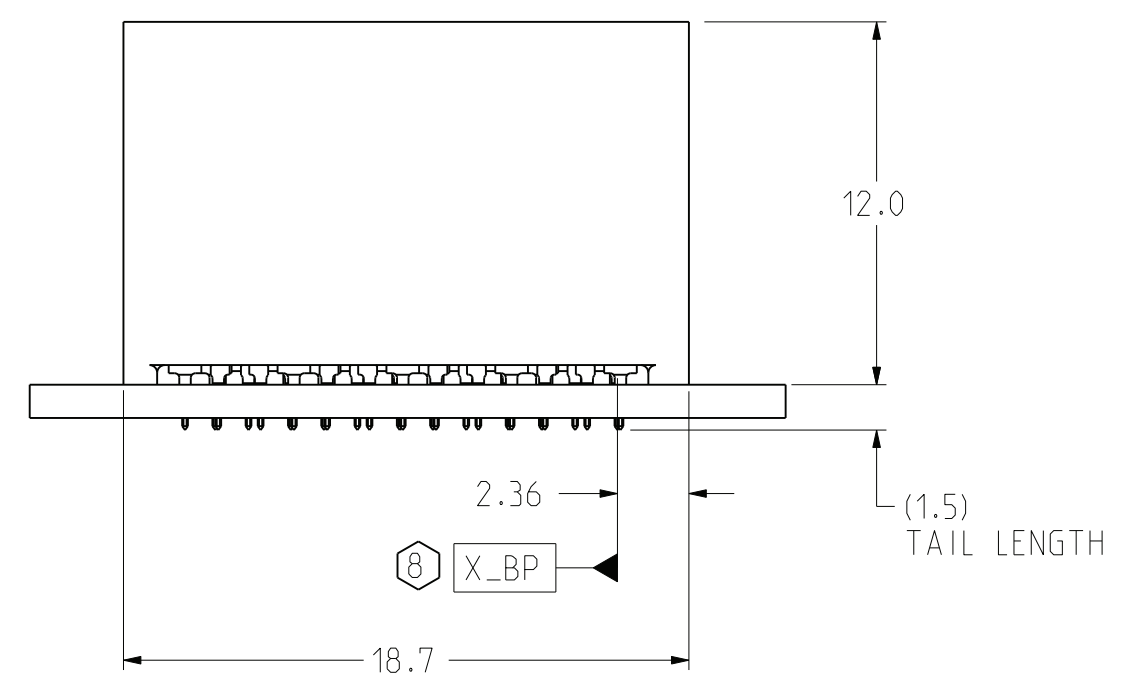
TWO WALL BACKPLANE MODULE DIMENSION



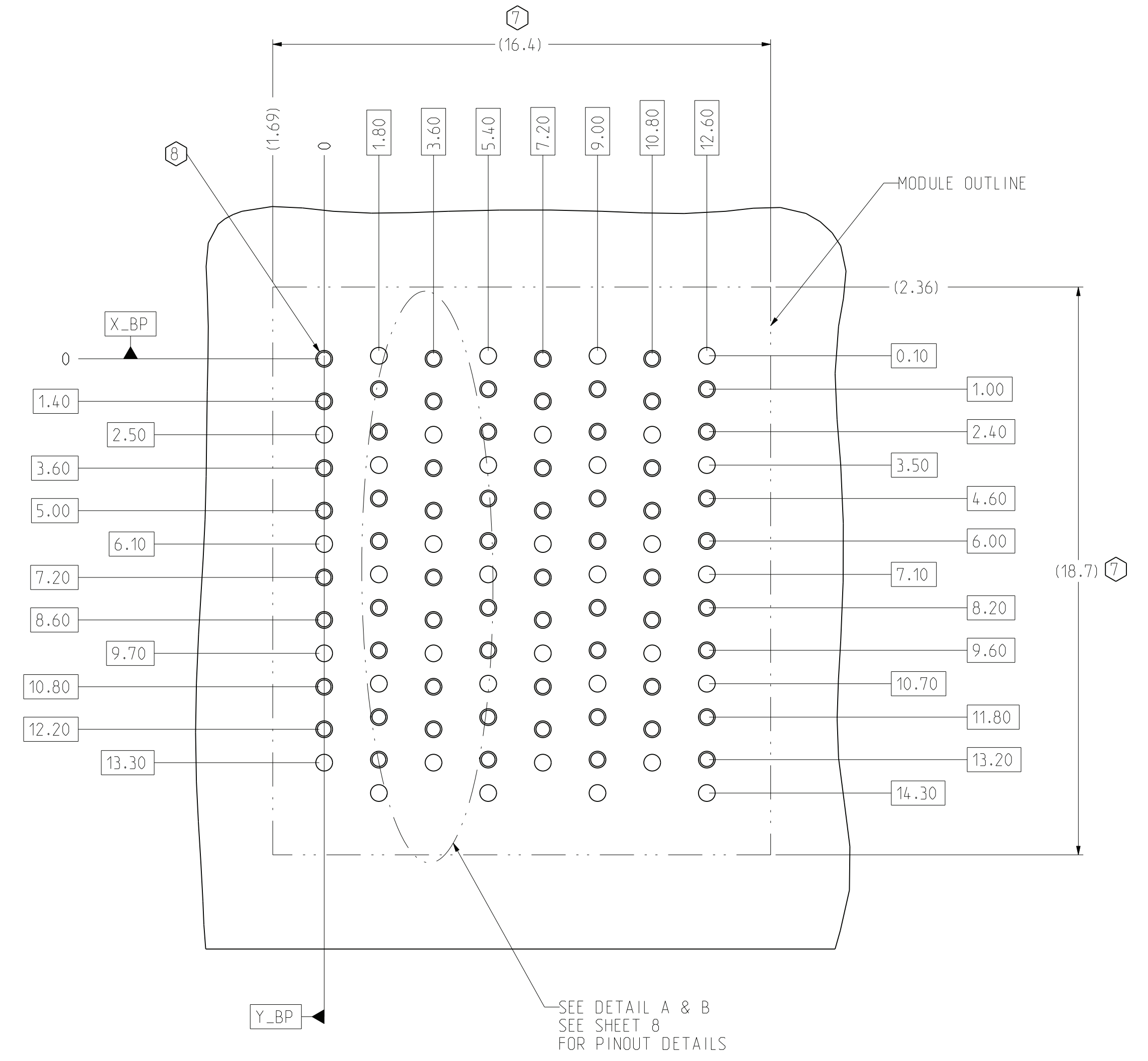
CONNECTOR REFERENCE
SCALE 4/1



SECTION Z-Z



ISOMETRIC VIEW
SCALE 3/1



BP HOLE PATTERN
COMPONENT SIDE
SCALE 8/1

TWO WALL BACKPLANE FOOTPRINT

TOLERANCES	DESIGN 02/19/2010	T.D.O	Amphenol TCS A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03062 603.879.3000 TITLE BACKPLANE MODULES, VERTICAL MALE HEADER XCede HD, 4 PAIR 8 POSITION PART NO. SEE PN TREE SHEET 1 DRAWING NO. C-923-400E-500 ASSEM C923-400E-500 DRAWING C923-400E-500 SIZE D SCALE 1/1 SHEET 7 OF 8
0.0	±0.25	T.D.O	
0.00	±0.13	HCL-RK	
0.000	± -	T.D.O	
ANGLES	± 3°	T.D.O	

INTERPRET PER ASME Y14.5M
CODE IDENT 31413

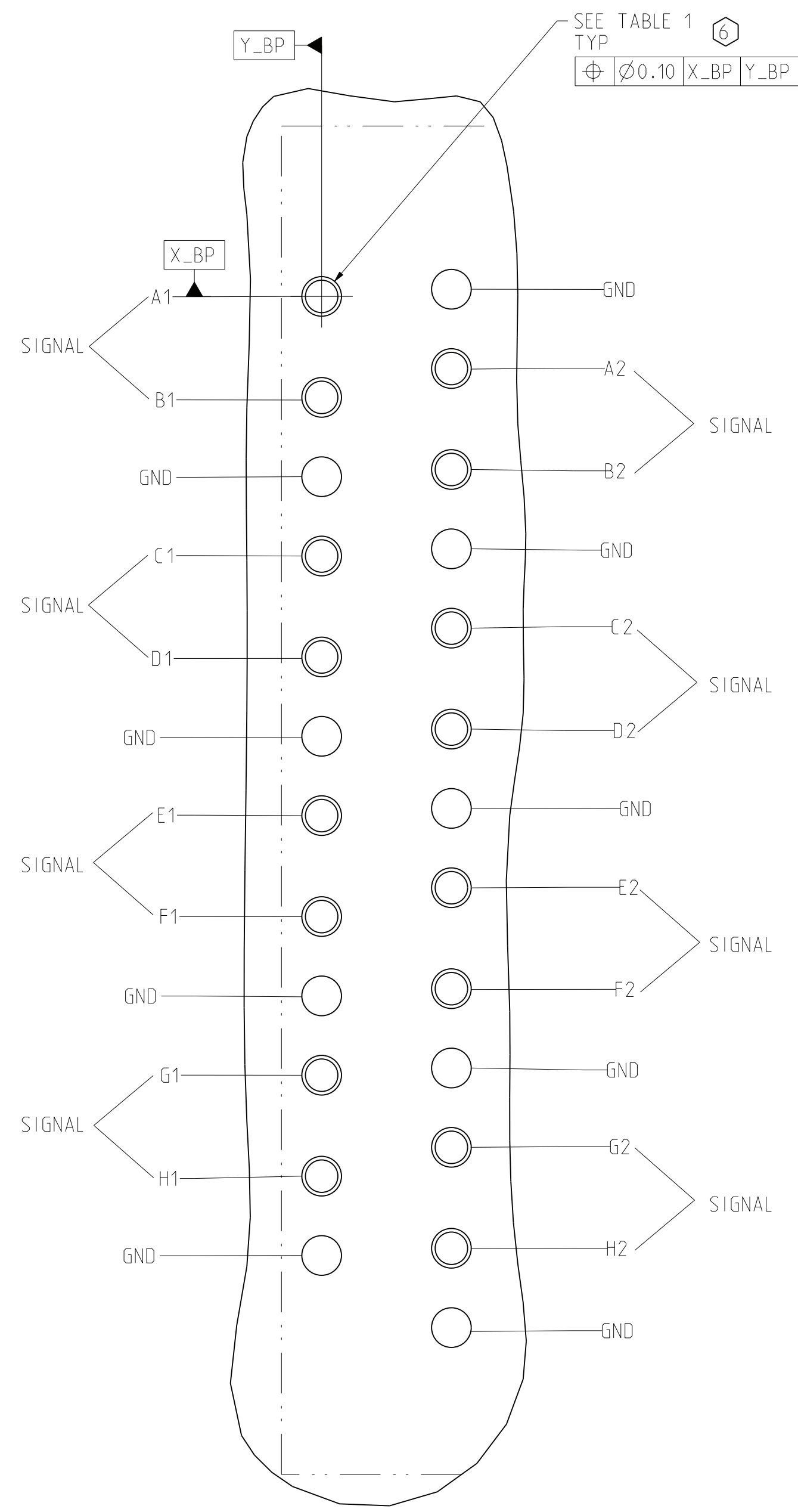
CUSTOMER USE
DRAWING

DRW NO. C-923-400E-500

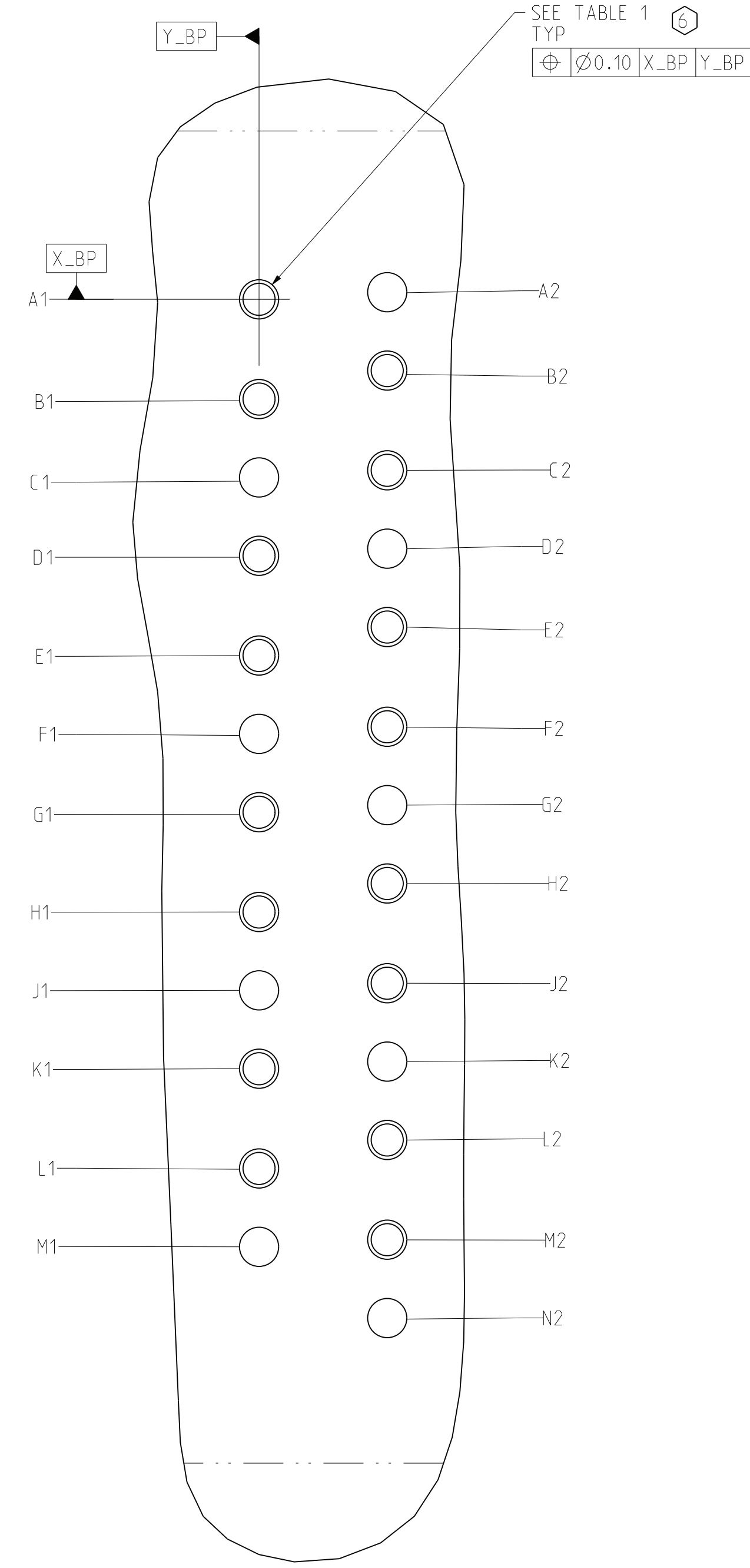
SH 7 REV G

REV N/A

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



DETAIL A
HSD PINOUTS
SCALE 16/1



DETAIL B
LC PINOUTS
SCALE 16/1

	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	$\varnothing 0.85$	$\varnothing 0.75$

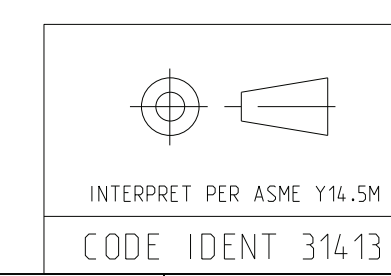
TOLERANCES	DESIGN 02/19/2010	T.D.O
0.0	± 0.25	HCL-RK
0.00	± 0.13	T.D.O
0.000	$\pm -$	APVD 02/19/2010
ANGLES	$\pm 3^\circ$	T.D.O

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TITLE
BACKPLANE MODULES, VERTICAL MALE HEADER
XCede HD, 4 PAIR 8 POSITION

PART NO.
SEE PN TREE SHEET 1

REV
N/A



**CUSTOMER USE
DRAWING**

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD.

DRAWING NO.
C-923-400E-500

ASSEM C923-400E-500 1.3
DRAWING C923-400E-500 A.10

SIZE D SCALE 1/1 SHEET 8 OF 8

DRW NO. C-923-400E-500

SH 8

REV G