

ZONE	REV	ECN	DESCRIPTION	BY	DATE	APPROVED
ALL	A	BW AG-A2FBGC.VER01	NEW RELEASE	HCL-NB	10/13/2015	B.WANG
	B	DCOY-A8QN9P.VER01	UPDATED PART MARKING REQUIREMENTS	HCL-SD	05/10/2016	D.COVEY
SHT1 A8	C	JXUU-18013101	NOTE 7 UPDATED BY ADDING C-190-0009-000. UPDATED CONNECTOR MAXIMUM OVERALL DIMENSION.	HCL-SH	02/16/2018	J.XU

9 2 6 - 4 X 1 E - X X X

XCede HD PLUS BACKPLANE MODULE MALE STANDARD LOAD

4 PAIR

8-POSITION

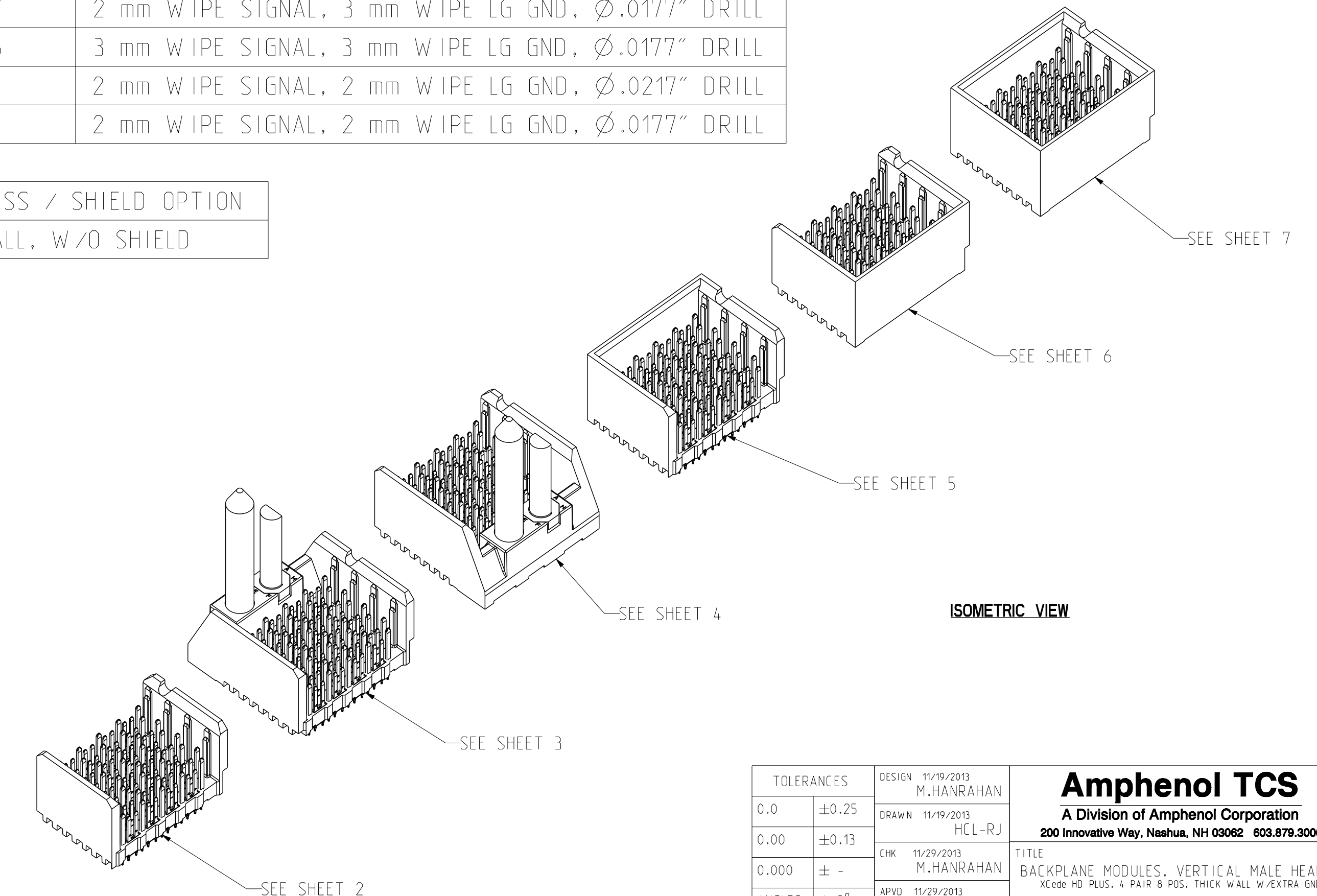
LETTER	PLATING
D	NI SULFAMATE, STANDARD GOLD, LEADFREE
E	NI SULFAMATE, HIGH GOLD, LEADFREE
H	NANO NI, STANDARD GOLD, LEADFREE
J	NANO NI, HIGH GOLD, LEADFREE

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

	WALL THICKNESS / SHIELD OPTION
1	THICK WALL, W/O SHIELD

	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								



- NOTES:
- REFER TO TB-2308 FOR XCede HD PLUS 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 C-190-0009-000 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.
  - SURFACE TRACES IN MODULE OUTLINE NOT RECOMMENDED.

TOLERANCES	DESIGN	DATE	Amphenol TCS		
0.0	±0.25	11/19/2013	A Division of Amphenol Corporation		
0.00	±0.13	11/19/2013	200 Innovative Way, Nashua, NH 03062 603.879.3000		
0.000	± -	11/29/2013	TITLE: BACKPLANE MODULES, VERTICAL MALE HEADER		
ANGLES	± 3°	11/29/2013	XCede HD PLUS, 4 PAIR 8 POS, THICK WALL W/EXTRA GND		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD.			PART NO.	REV	
			SEE PN TREE SHEET 1	N/A	
			DRAWING NO.	REV	
			C-926-401E-500	C	
			ASSEM C926-401E-500_XG_WO SHLD	0.5	
			DRAWING C926-401E-500_XG_WO SHLD	0.14	
SIZE	D	SCALE	1/1	SHEET	1 OF 9

INTERPRET PER ASME Y14.5M  
CODE IDENT 31413

CUSTOMER USE  
DRAWING

8

7

6

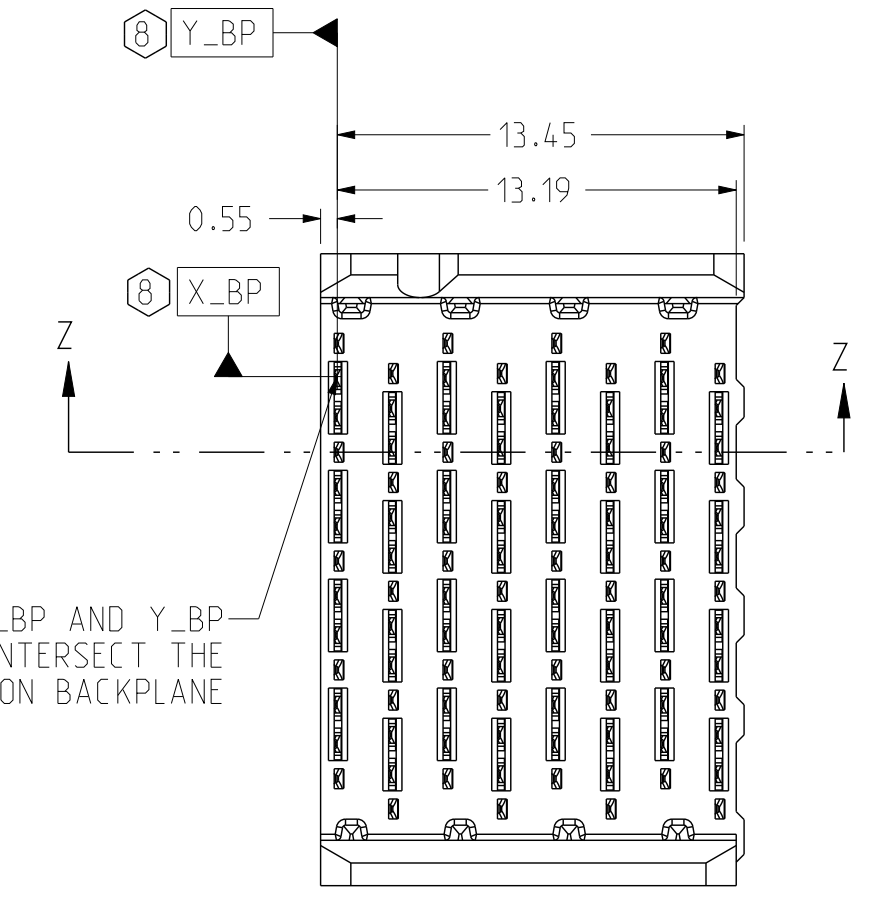
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4

3

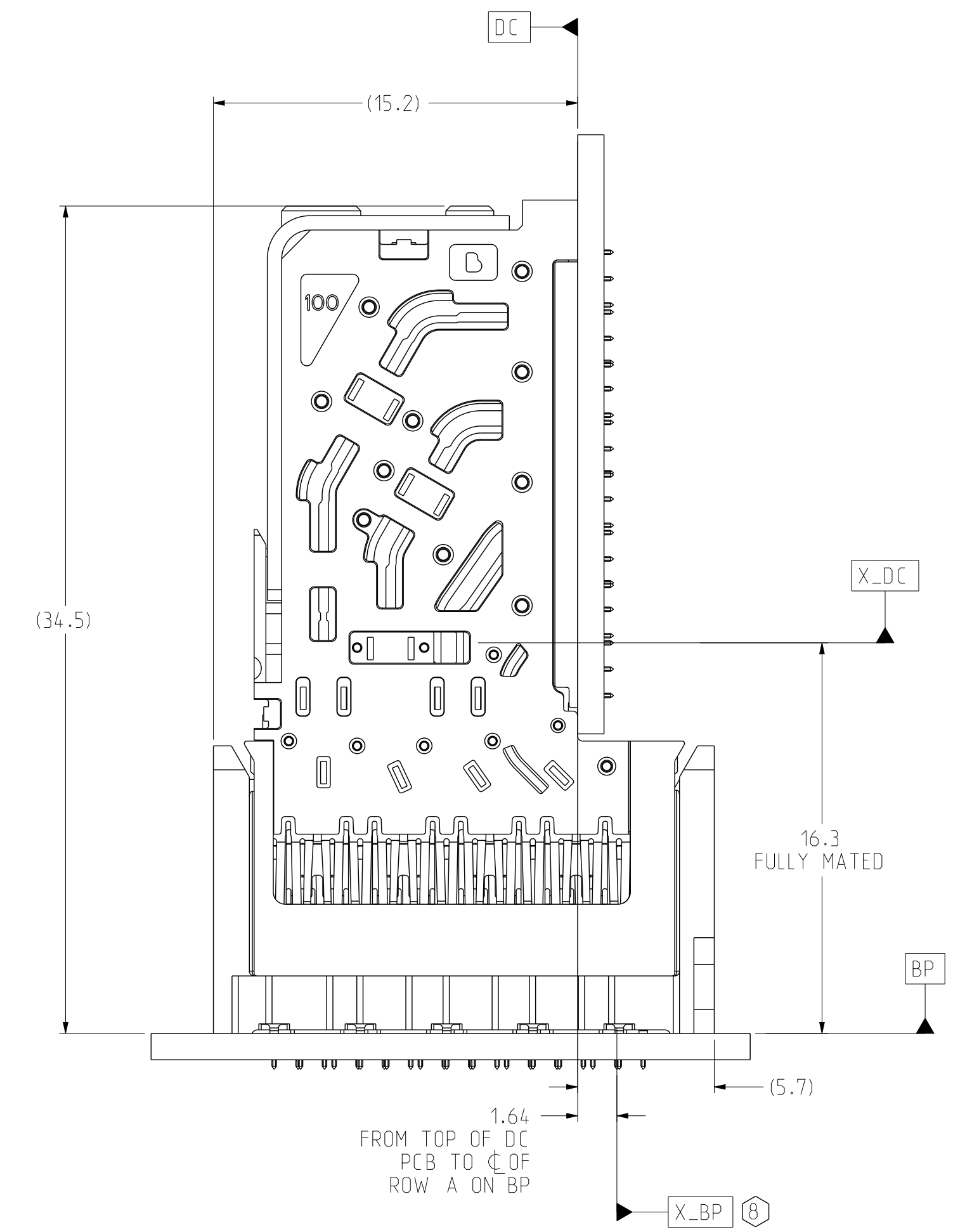
ZONE	REV	ECN	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			

DRW NO. C-926-401E-500 SH 2 REV C



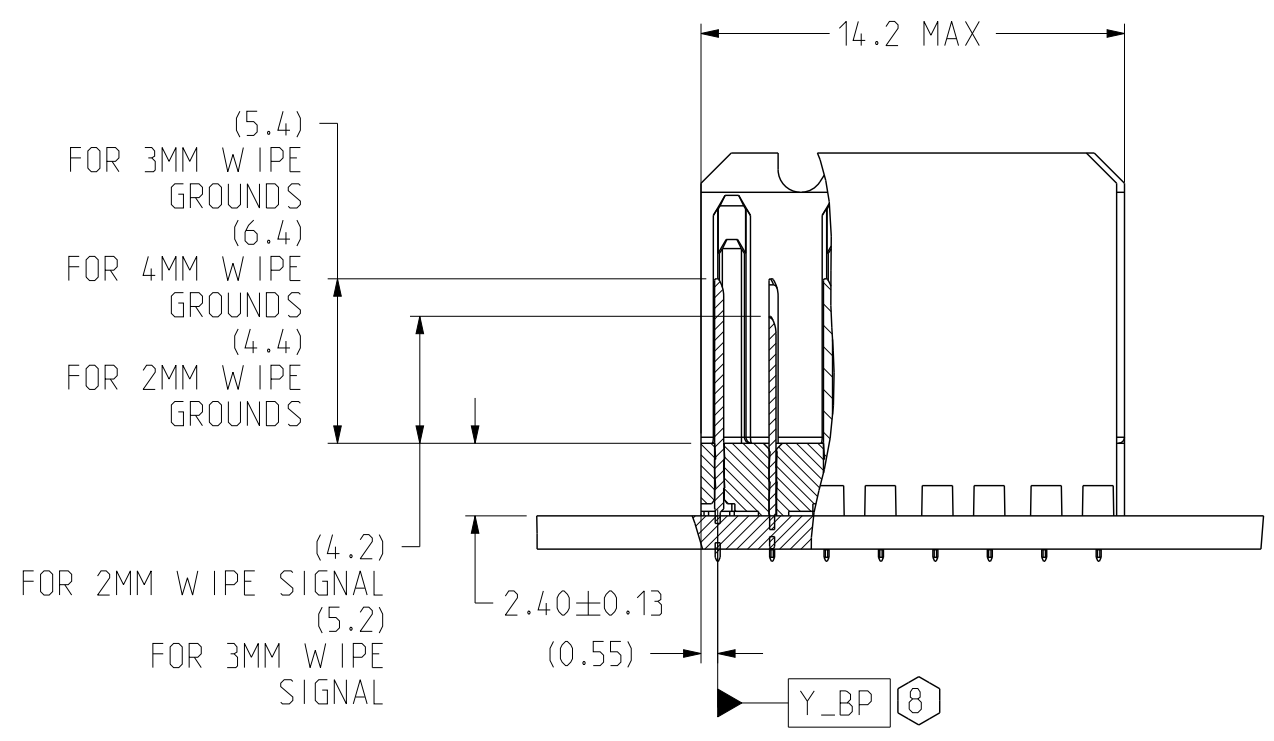
DATUMS X\_BP AND Y\_BP INTERSECT THE SIGNAL A1 VIA ON BACKPLANE

**OPEN BACKPLANE MODULE DIMENSION**

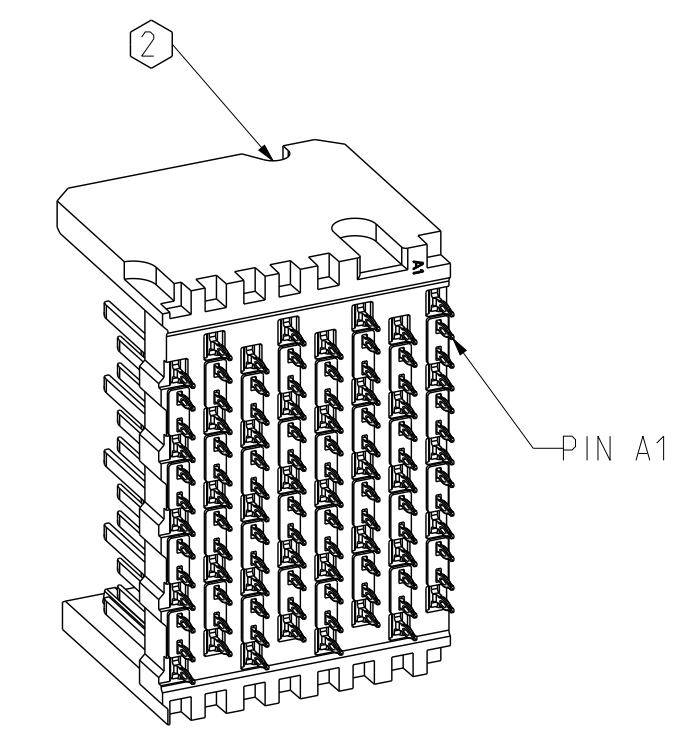
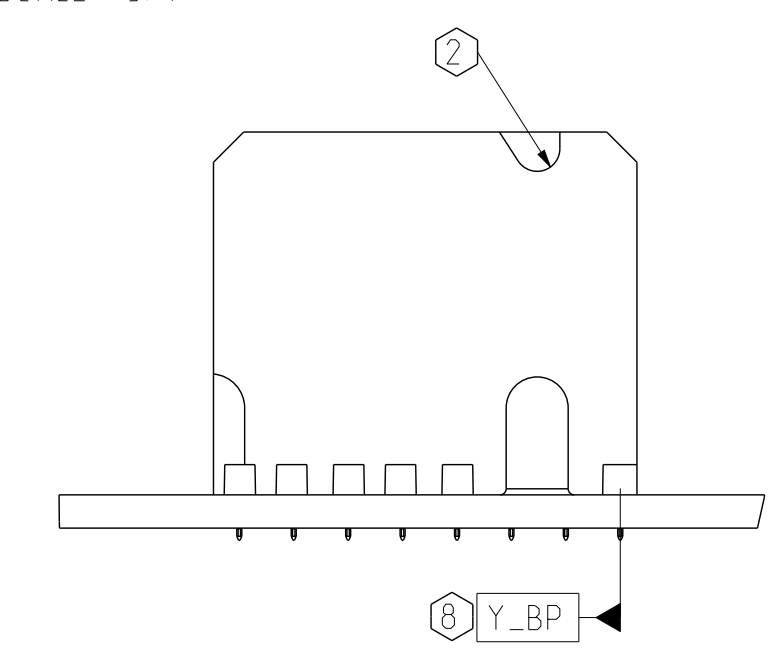
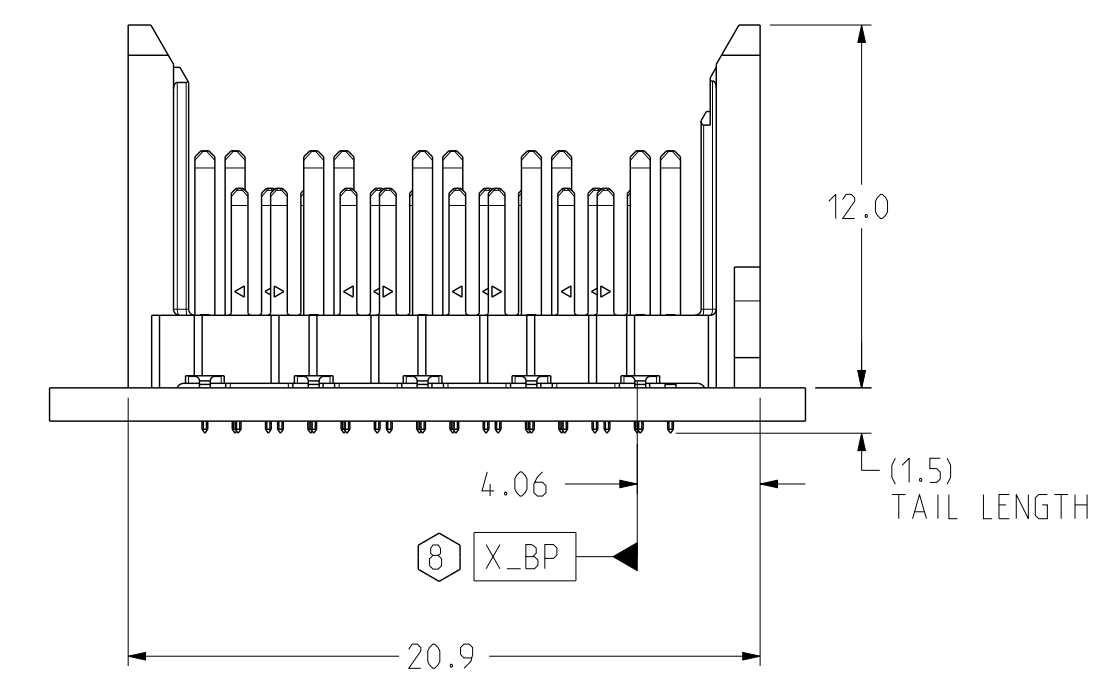


1.64 FROM TOP OF DC PCB TO CL OF ROW A ON BP

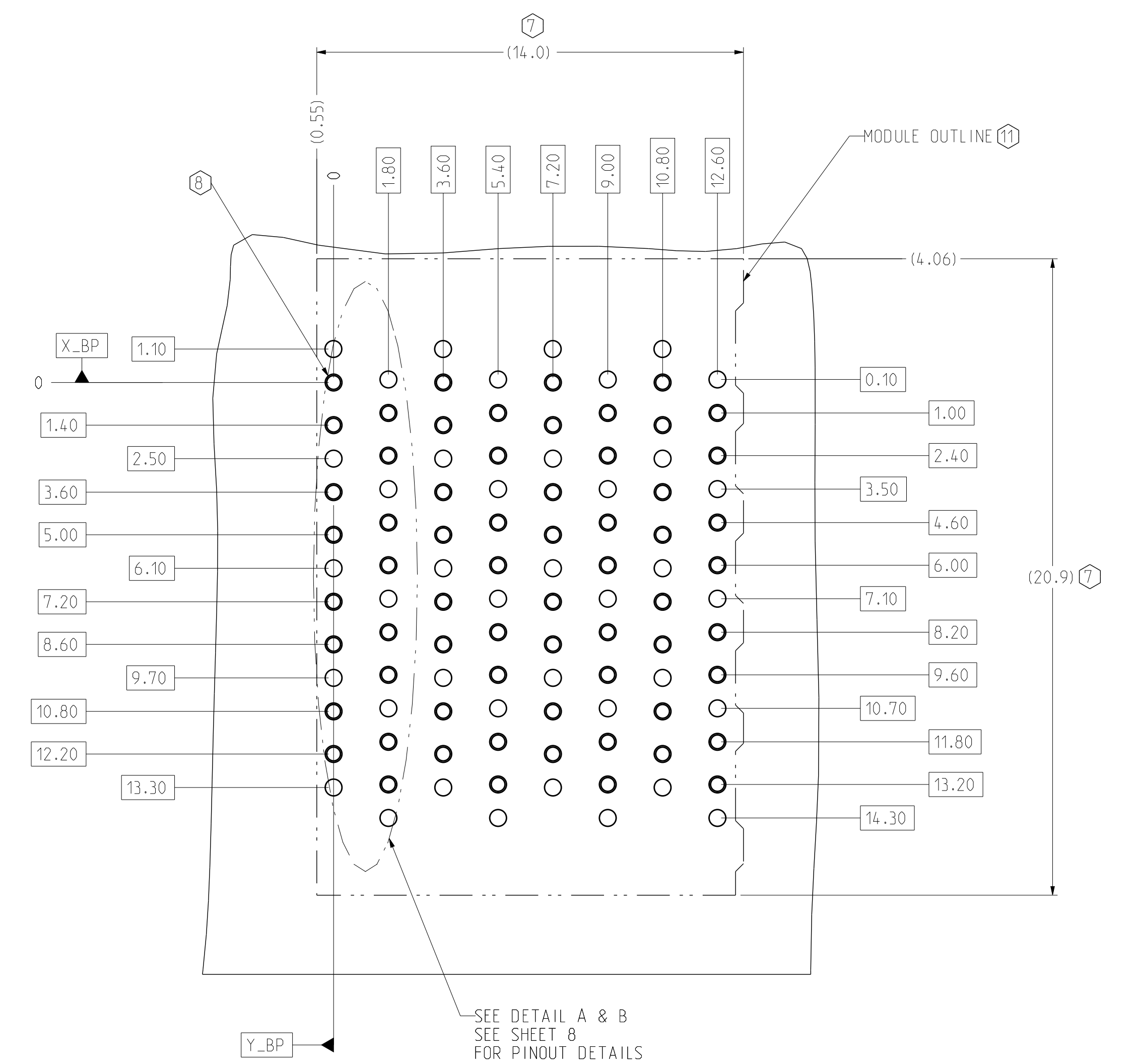
**CONNECTOR REFERENCE**  
SCALE 5/1



**SECTION Z-Z**



**ISOMETRIC VIEW**  
SCALE 3/1



**BP HOLE PATTERN**  
COMPONENT SIDE  
SCALE 8/1

**OPEN BACKPLANE FOOTPRINT**

TOLERANCES	DESIGN	11/19/2013
0.0 ±0.25	M.HANRAHAN	
0.00 ±0.13	DRAWN	11/19/2013
0.000 ± -	HCL-RJ	
ANGLES ± 3°	CHK	11/29/2013
	M.HANRAHAN	
	APVD	11/29/2013
	M.HANRAHAN	

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

TITLE  
BACKPLANE MODULES, VERTICAL MALE HEADER  
XCODE HD PLUS, 4 PAIR B POS, THICK WALL W/EXTRA GND

PART NO. SEE PN TREE SHEET 1  
DRAWING NO. C-926-401E-500  
ASSEM C926-401E-500\_XG-WOSHLD 0.5  
DRAWING C926-401E-500\_XG-WOSHLD 0.14

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

CUSTOMER USE  
DRAWING

INTERPRET PER ASME Y14.5M  
CODE IDENT 31413

REV N/A  
REV C  
SIZE D SCALE 1/1 SHEET 2 OF 9

8

7

6

5

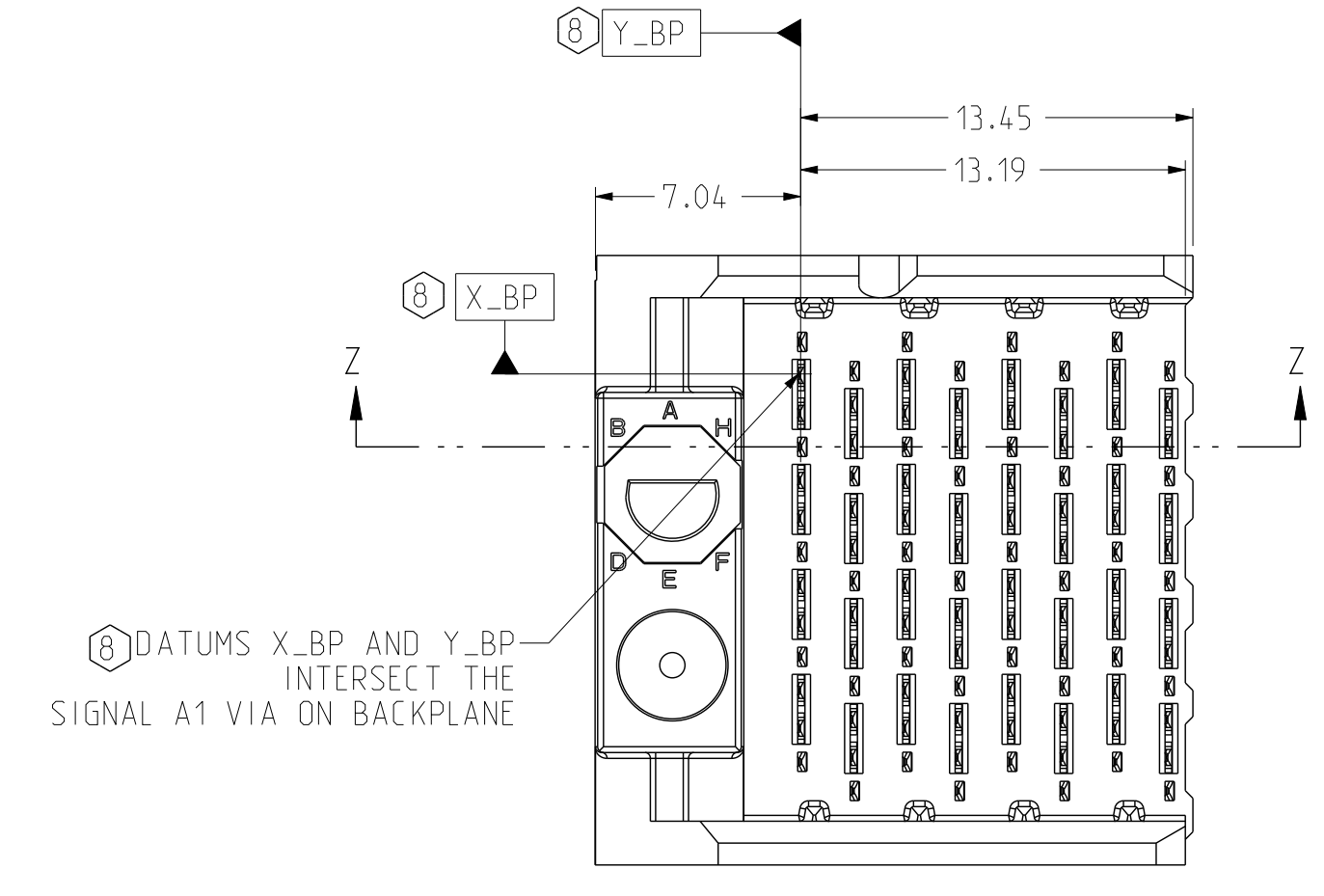
4

3

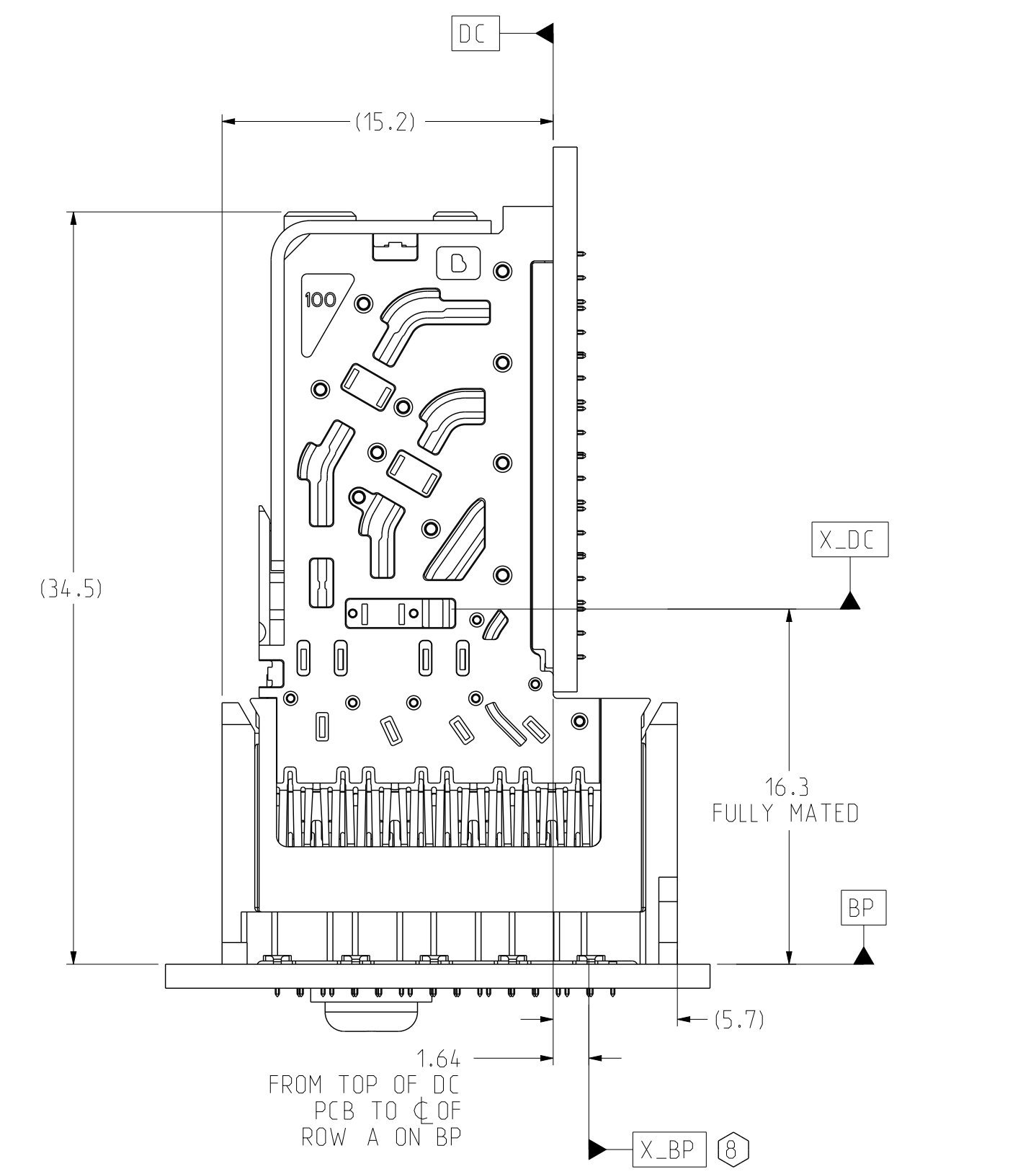
2

1

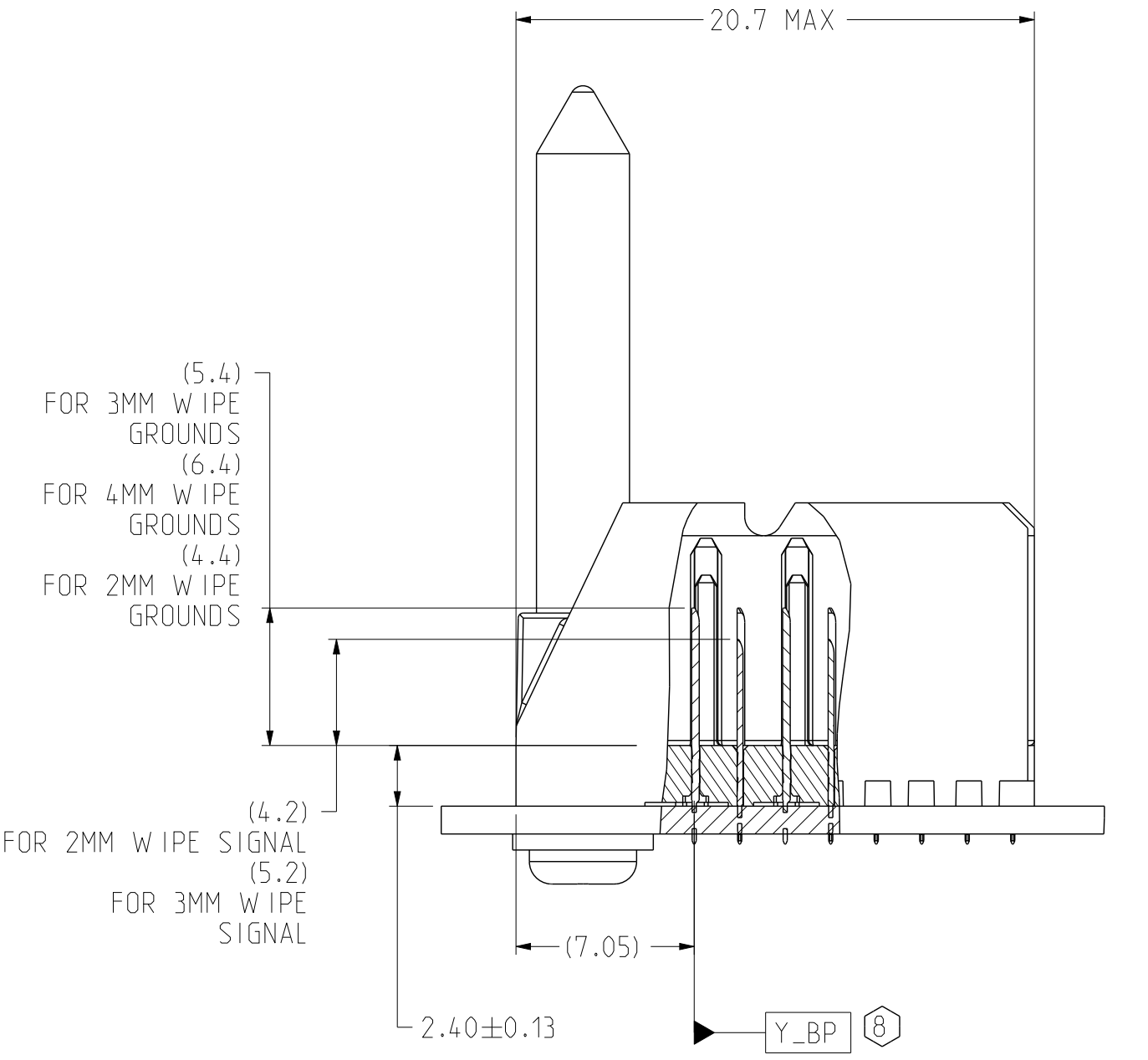
ZONE	REV	ECN	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



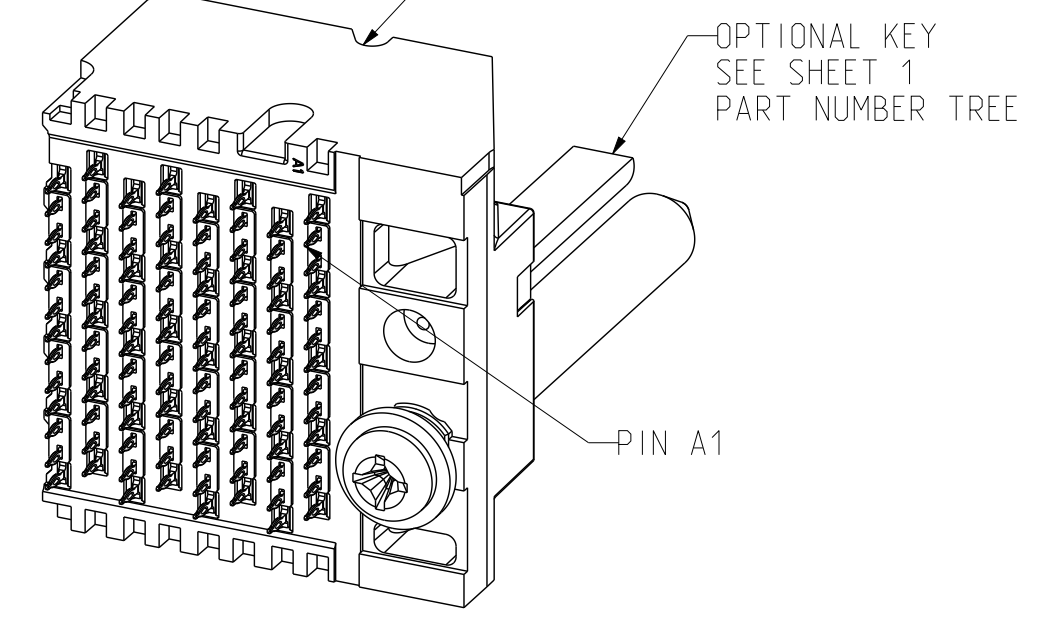
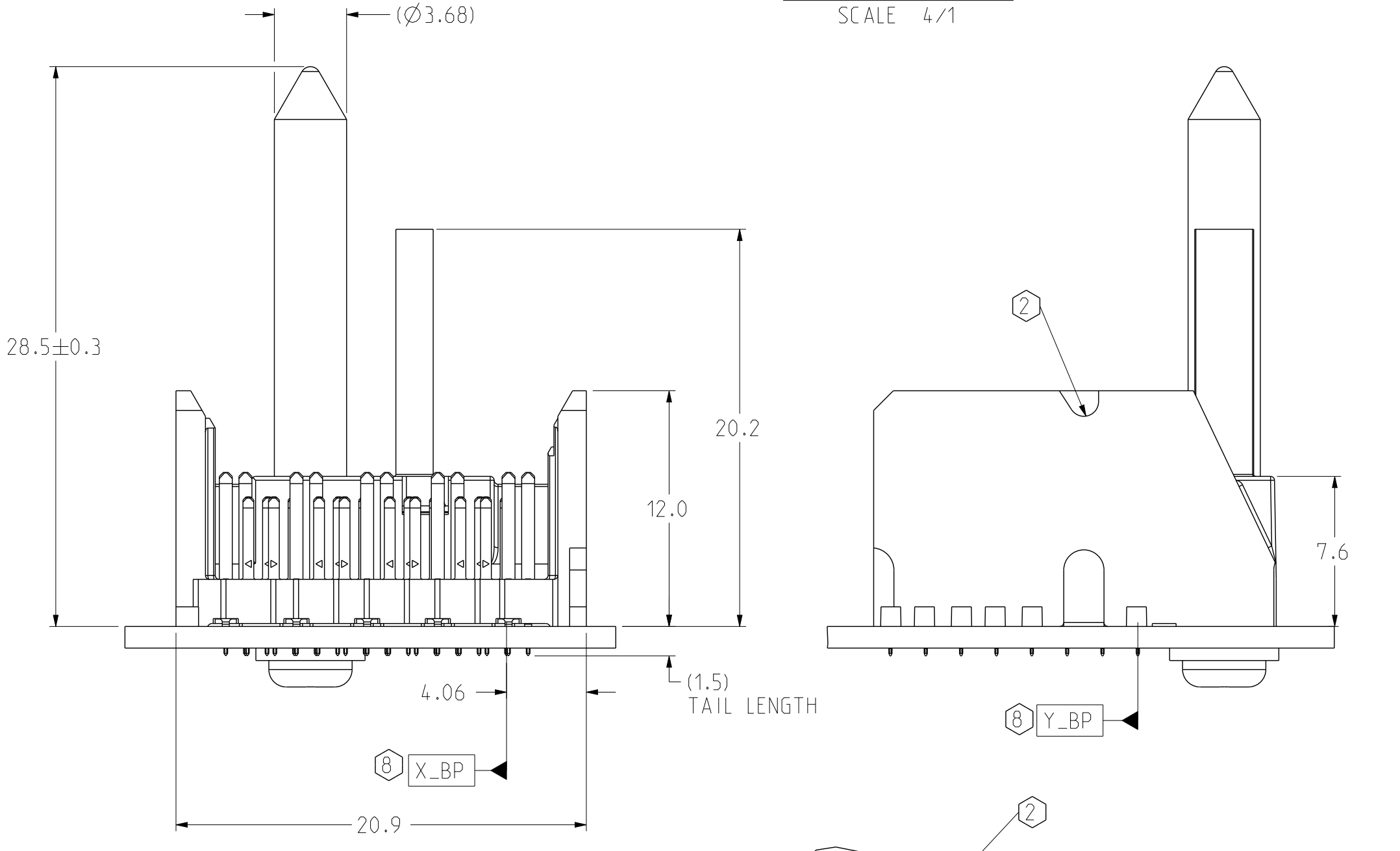
**LEFT POLARIZING/GUIDE BACKPLANE MODULE DIMENSION**



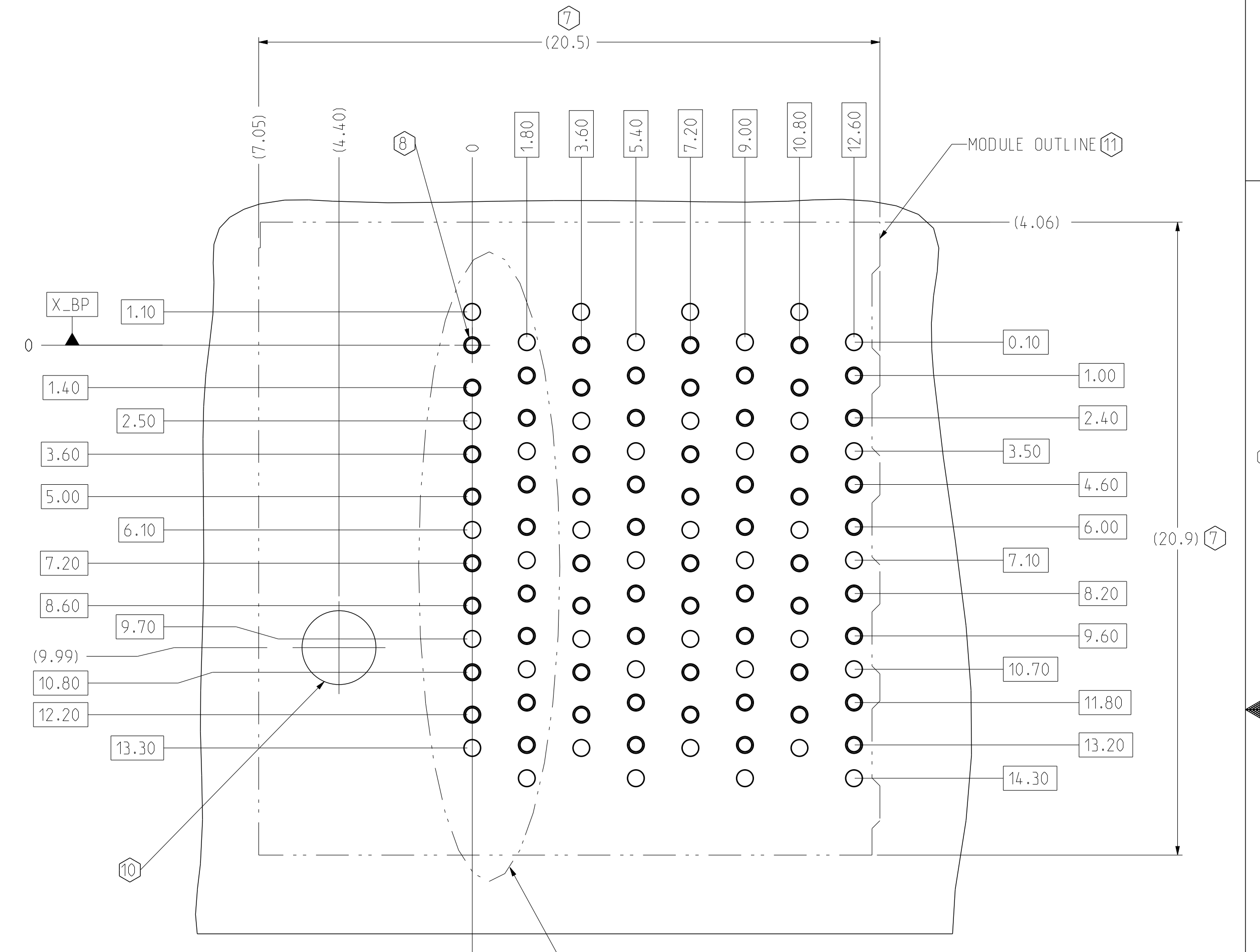
**CONNECTOR REFERENCE SCALE 4/1**



**SECTION Z-Z**



**ISOMETRIC VIEW SCALE 3/1**



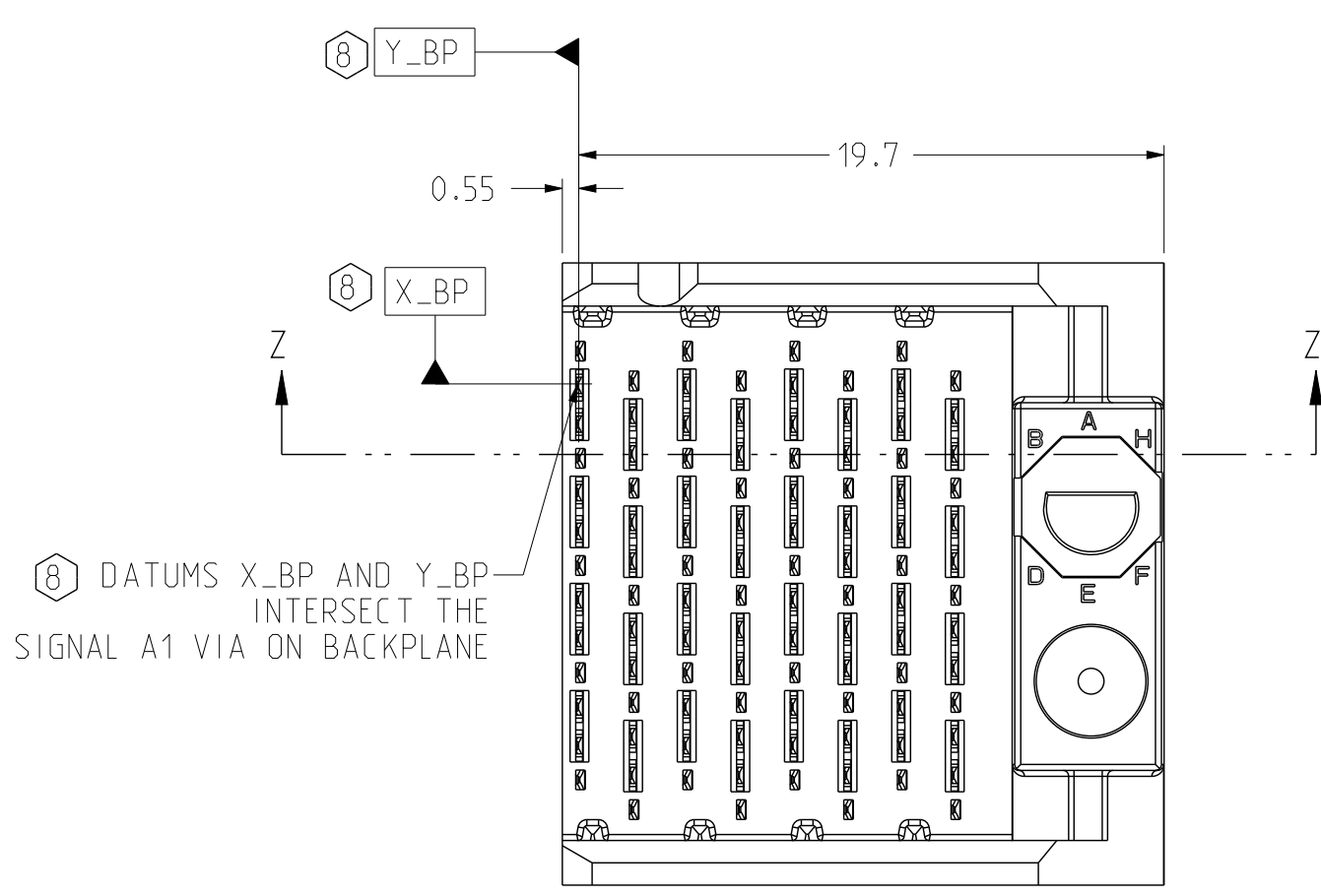
**BP HOLE PATTERN COMPONENT SIDE SCALE 8/1**

**LEFT POLARIZING/GUIDE BACKPLANE FOOTPRINT**

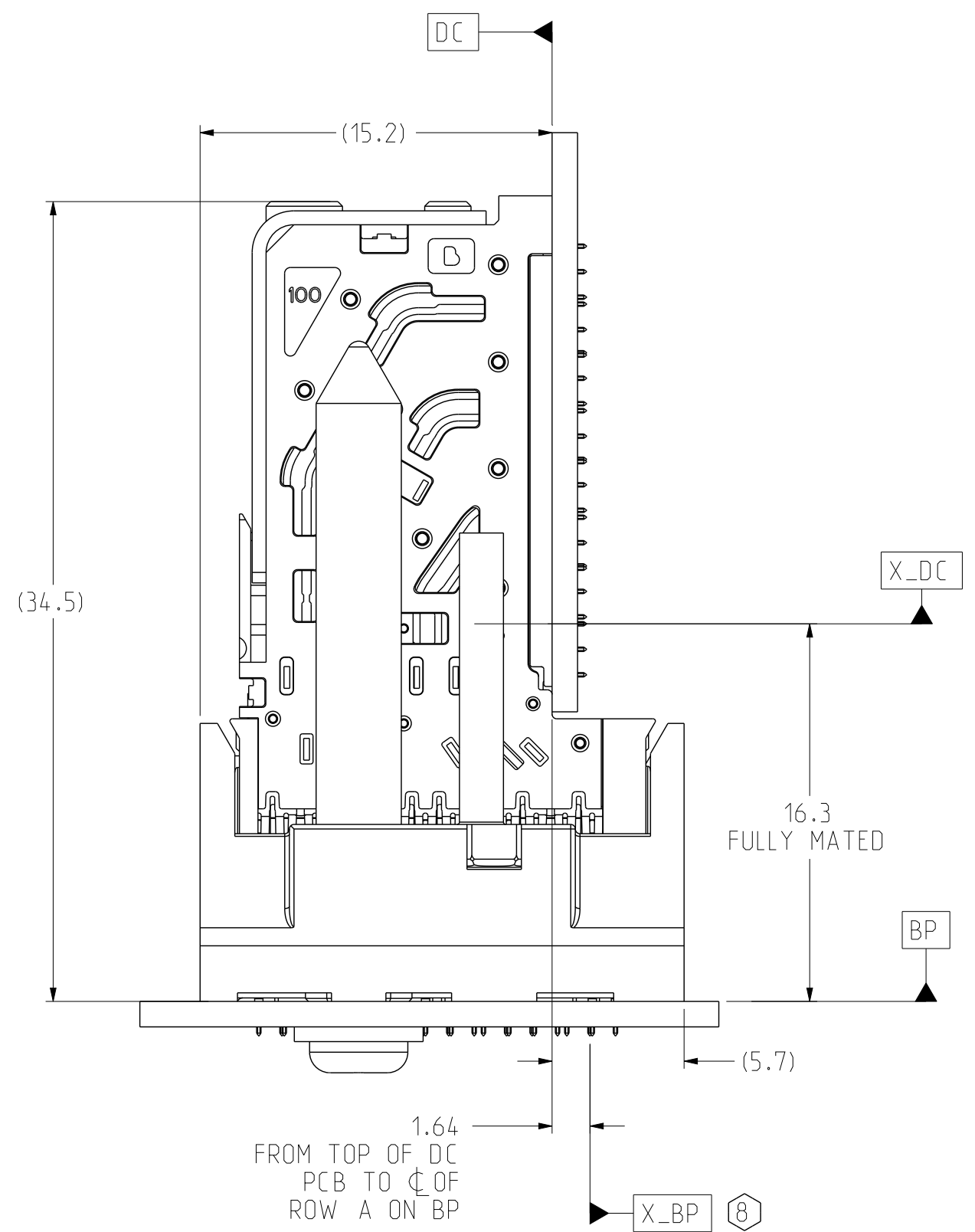
TOLERANCES		DESIGN	Amphenol TCS		
0.0	±0.25	11/19/2013	A Division of Amphenol Corporation		
0.00	±0.13	M.HANRAHAN	200 Innovative Way, Nashua, NH 03062 603.879.3000		
0.000	± -	HCL-RJ	TITLE		
ANGLES	± 3°	CHK 11/29/2013	BACKPLANE MODULES, VERTICAL MALE HEADER		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD.			Xcode HD PLUS, 4 PAIR B POS. THICK WALL W/EXTRA GND		
DRAWING NO.			PART NO.	REV	
C-926-401E-500			SEE PN TREE SHEET 1	N/A	
ASSEM C926-401E-500_XG-WOSHLD			0.5		
DRAWING C926-401E-500_XG-WOSHLD			0.14		
SIZE	D	SCALE	1/1	SHEET	3 OF 9

INTERPRET PER ASME Y14.5M  
CODE IDENT 31413

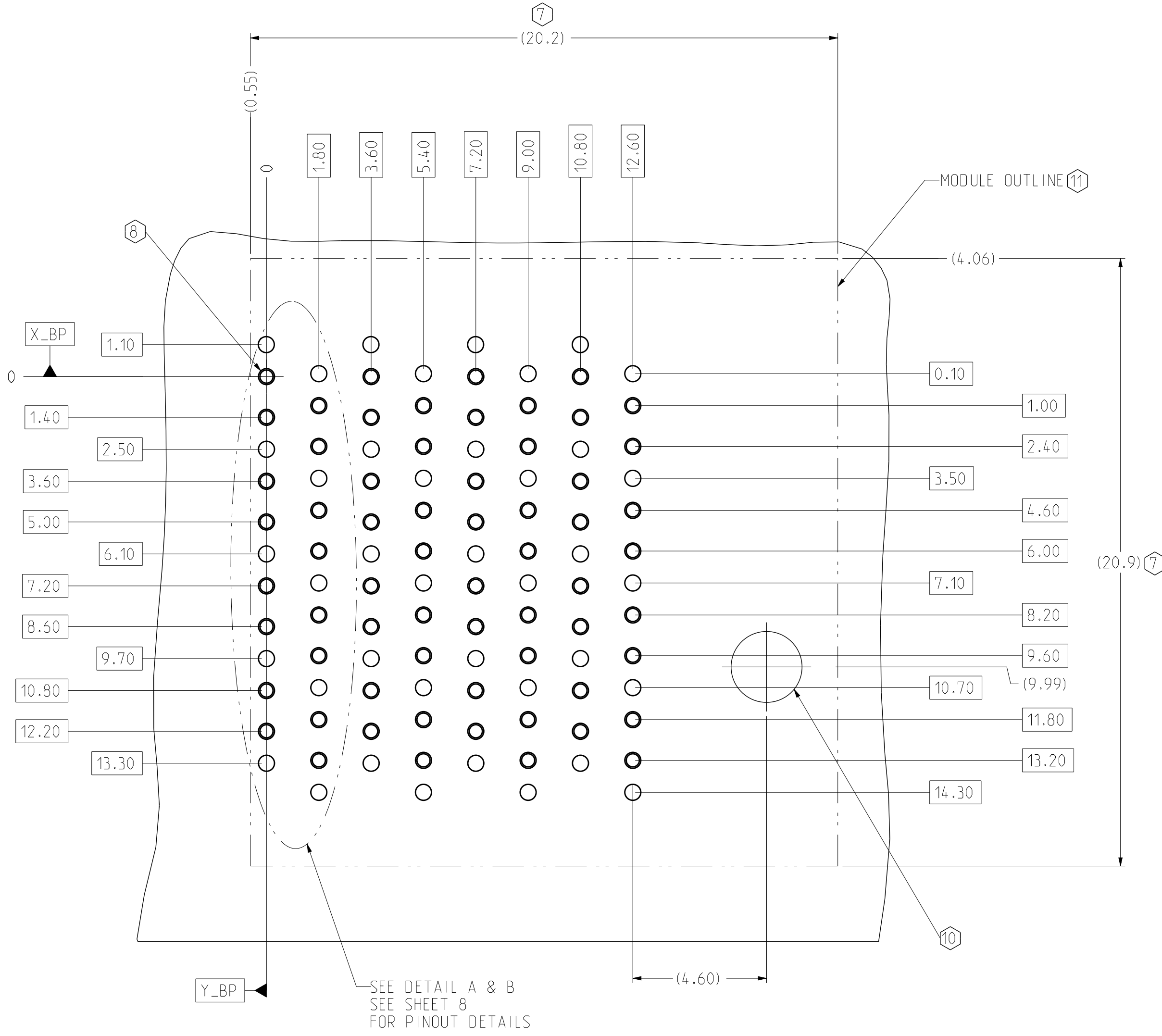
**CUSTOMER USE DRAWING**



**RIGHT POLARIZING/GUIDE BACKPLANE MODULE DIMENSION**

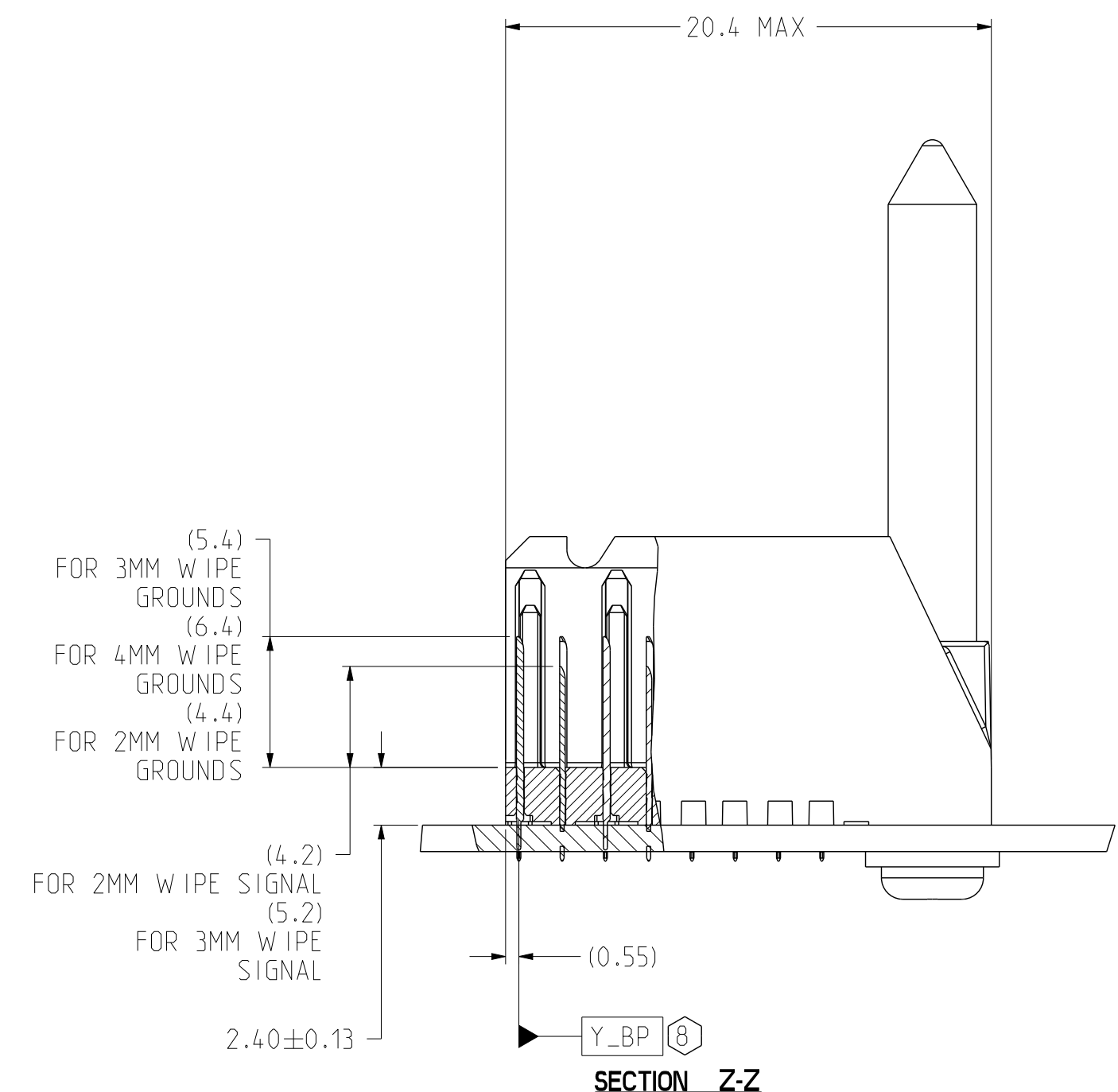


**CONNECTOR REFERENCE SCALE 4/1**

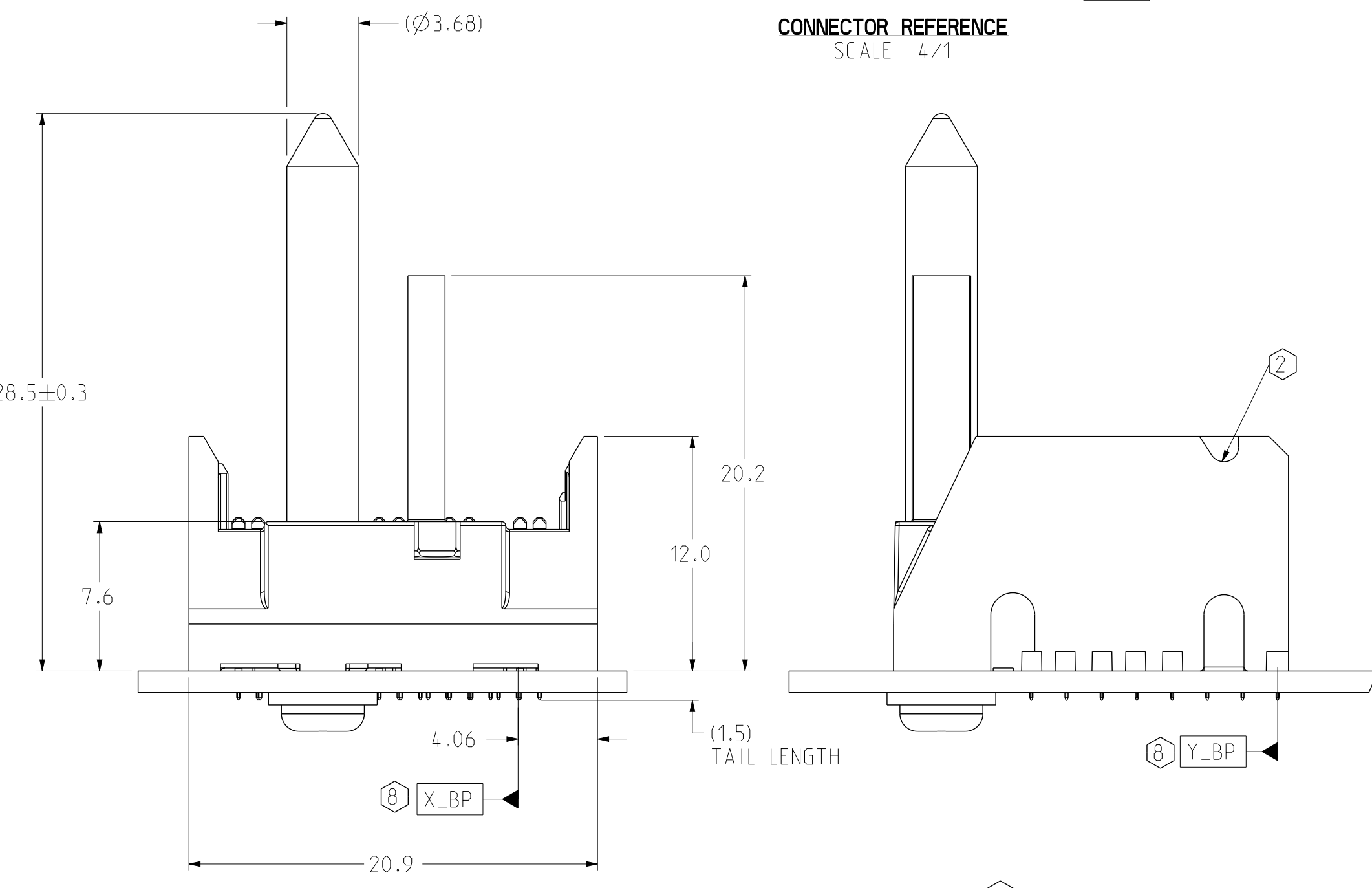


**BP\_HOLE\_PATTERN COMPONENT SIDE SCALE 8/1**

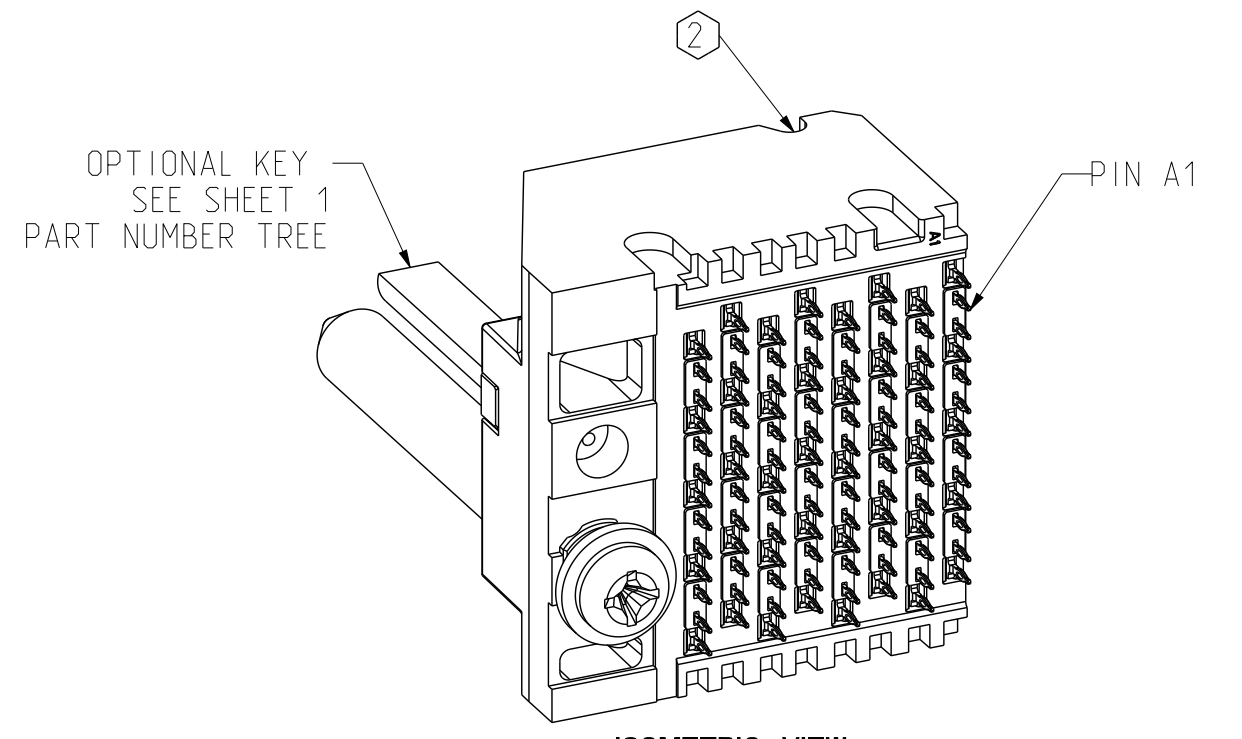
**RIGHT POLARIZING/GUIDE BACKPLANE FOOTPRINT**



**SECTION\_Z-Z**



**SECTION\_Z-Z**



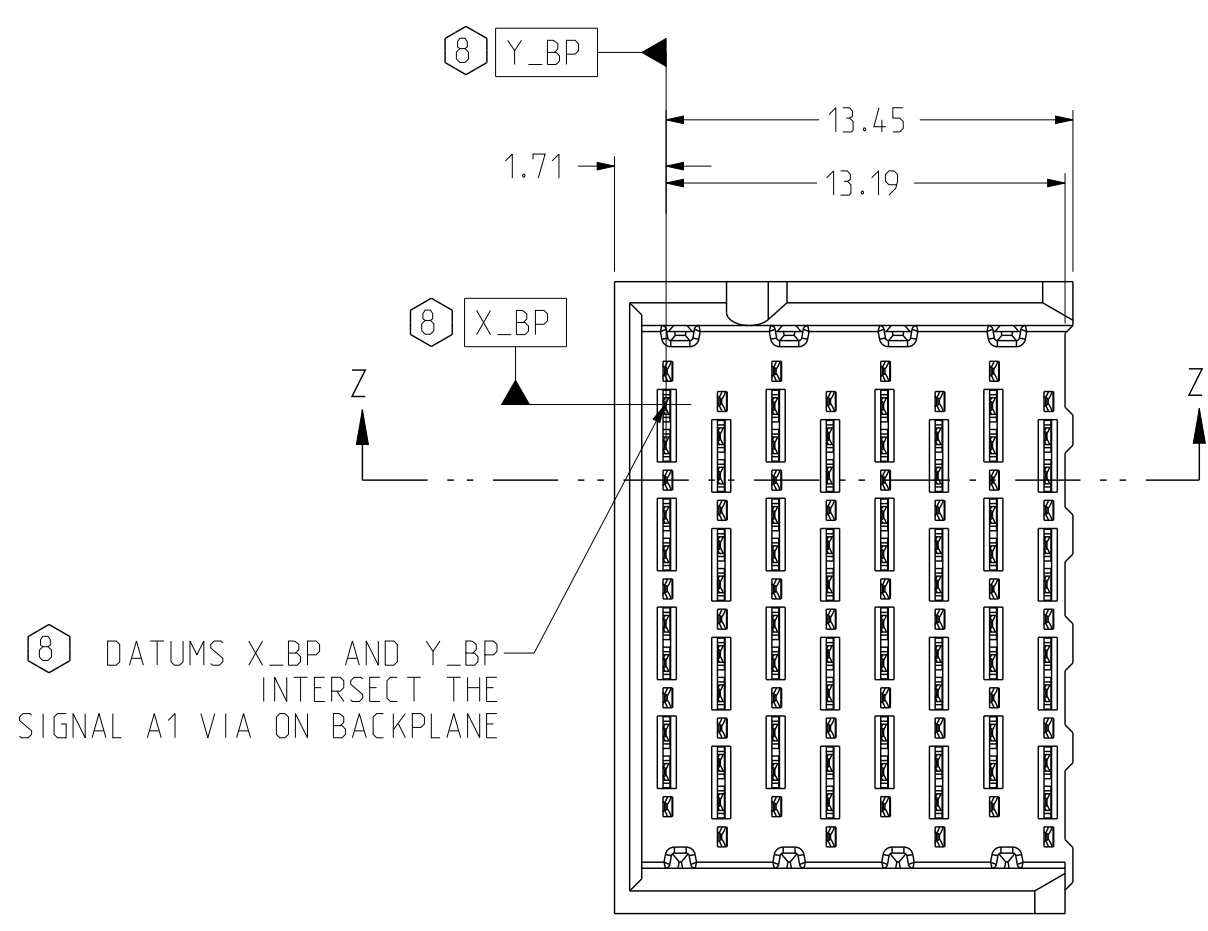
**ISOMETRIC VIEW SCALE 3/1**

TOLERANCES		DESIGN 11/19/2013 M.HANRAHAN	<b>Amphenol TCS</b> A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03062 603.879.3000 TITLE BACKPLANE MODULES, VERTICAL MALE HEADER XCODE HD PLUS, 4 PAIR B POS, THICK WALL W/EXTRA GND PART NO. SEE PN TREE SHEET 1 DRAWING NO. C-926-401E-500 ASSEM C926-401E-500_XG_W/OSHLD 0.5 DRAWING C926-401E-500_XG_W/OSHLD 0.14 SIZE D SCALE 1/1 SHEET 4 OF 9
0.0	±0.25	DRAWN 11/19/2013 HCL-RJ	
0.00	±0.13	CHK 11/29/2013 M.HANRAHAN	
0.000	± -	APVD 11/29/2013 M.HANRAHAN	
ANGLES ± 3°		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD.	

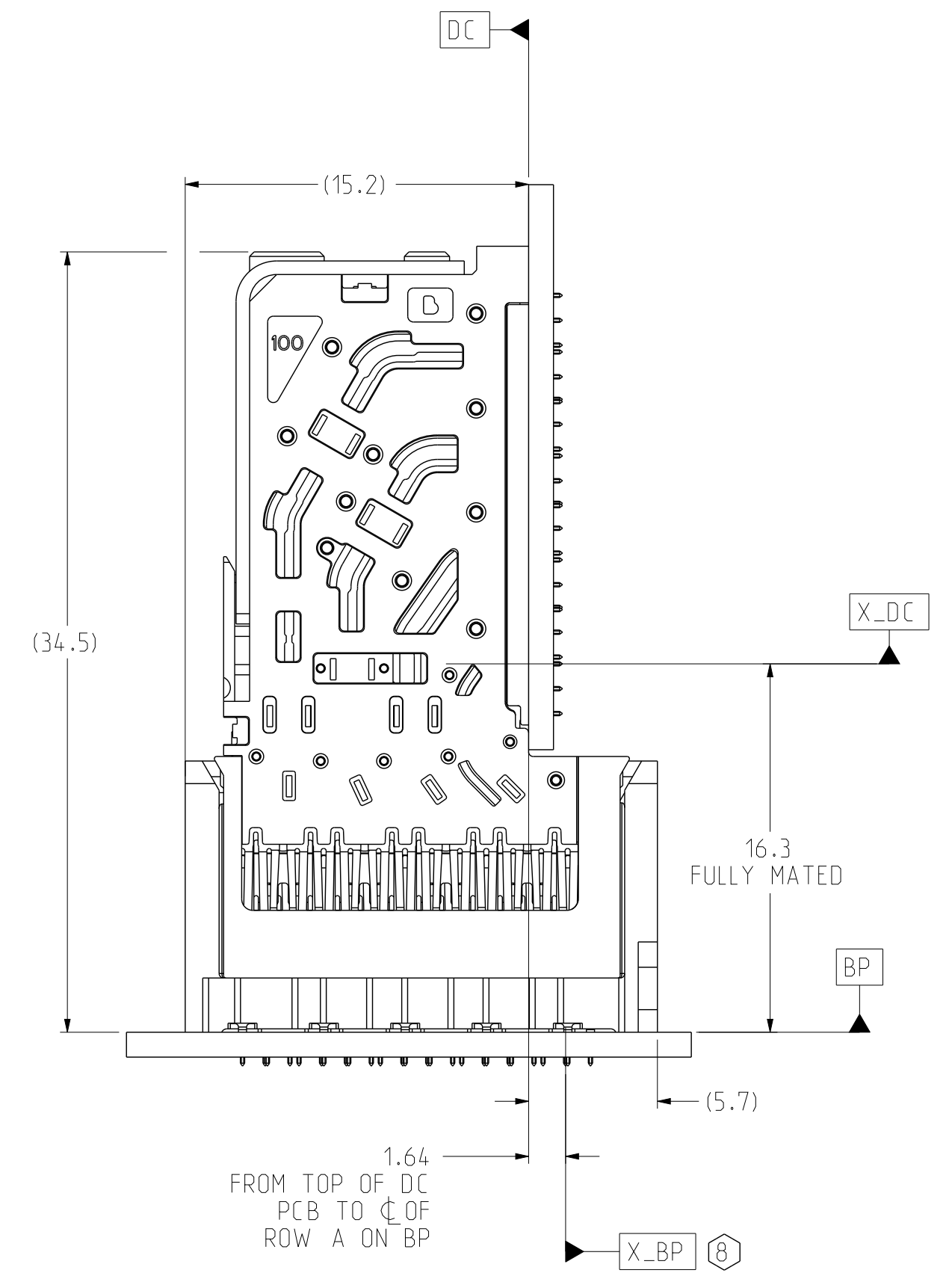
INTERPRET PER ASME Y14.5M  
CODE IDENT 31413

CUSTOMER USE DRAWING

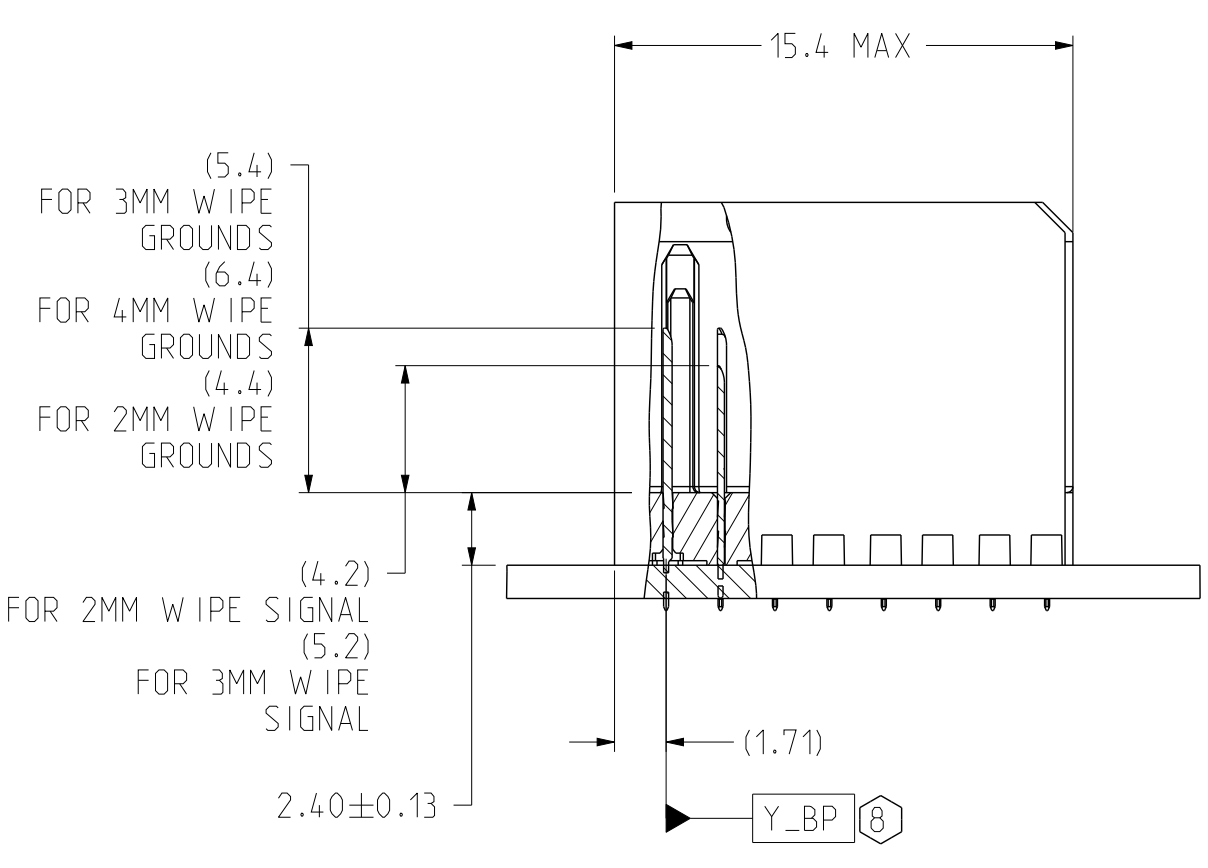
ZONE	REV	ECN	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



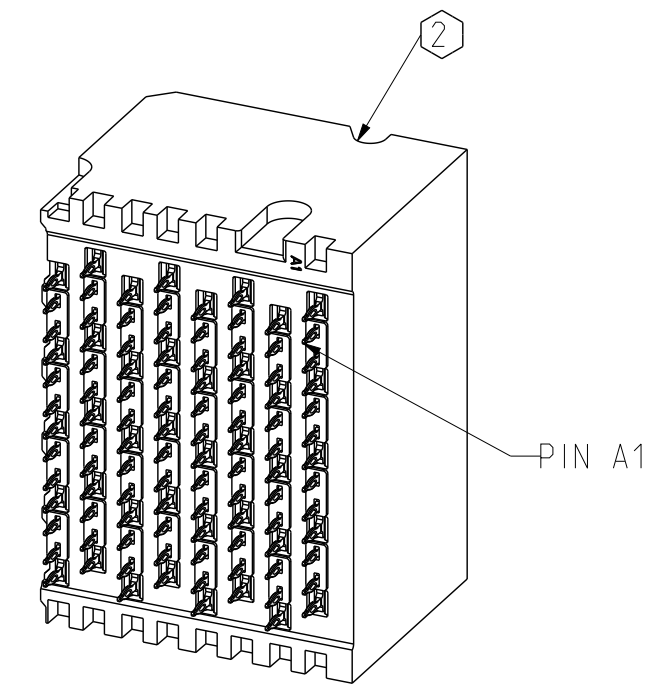
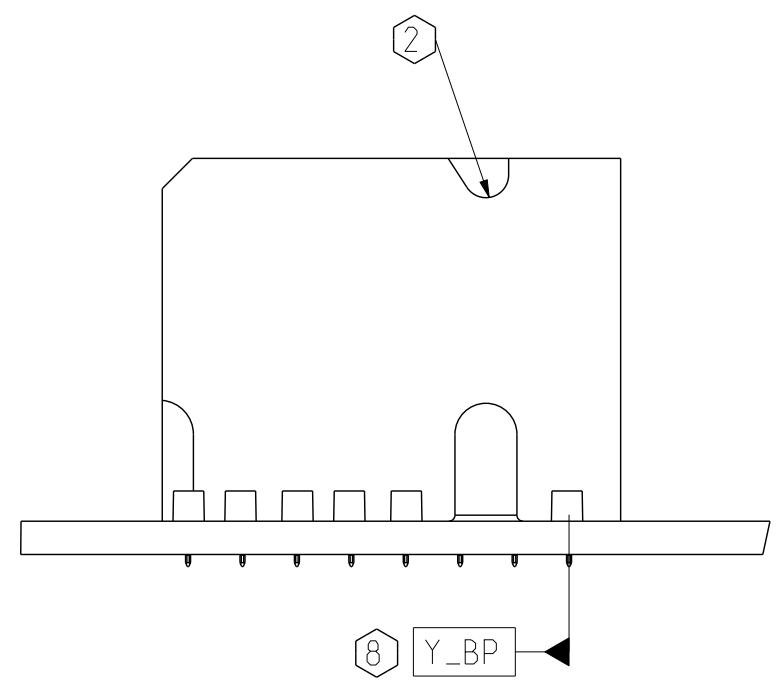
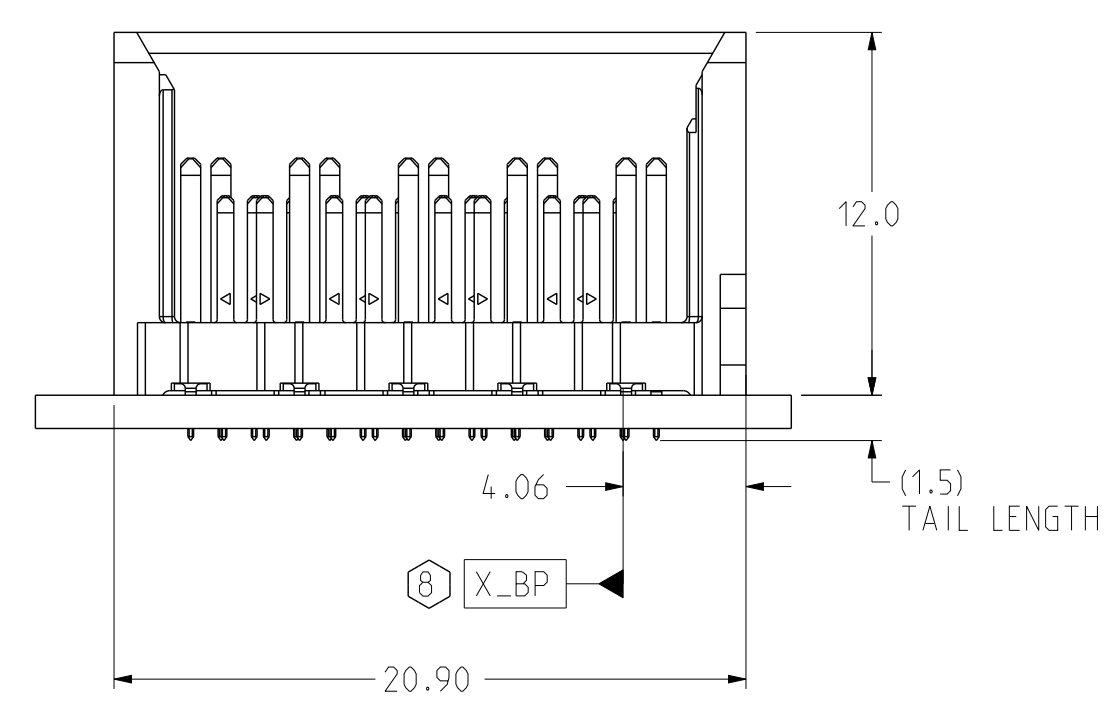
LEFT WALL BACKPLANE MODULE DIMENSION



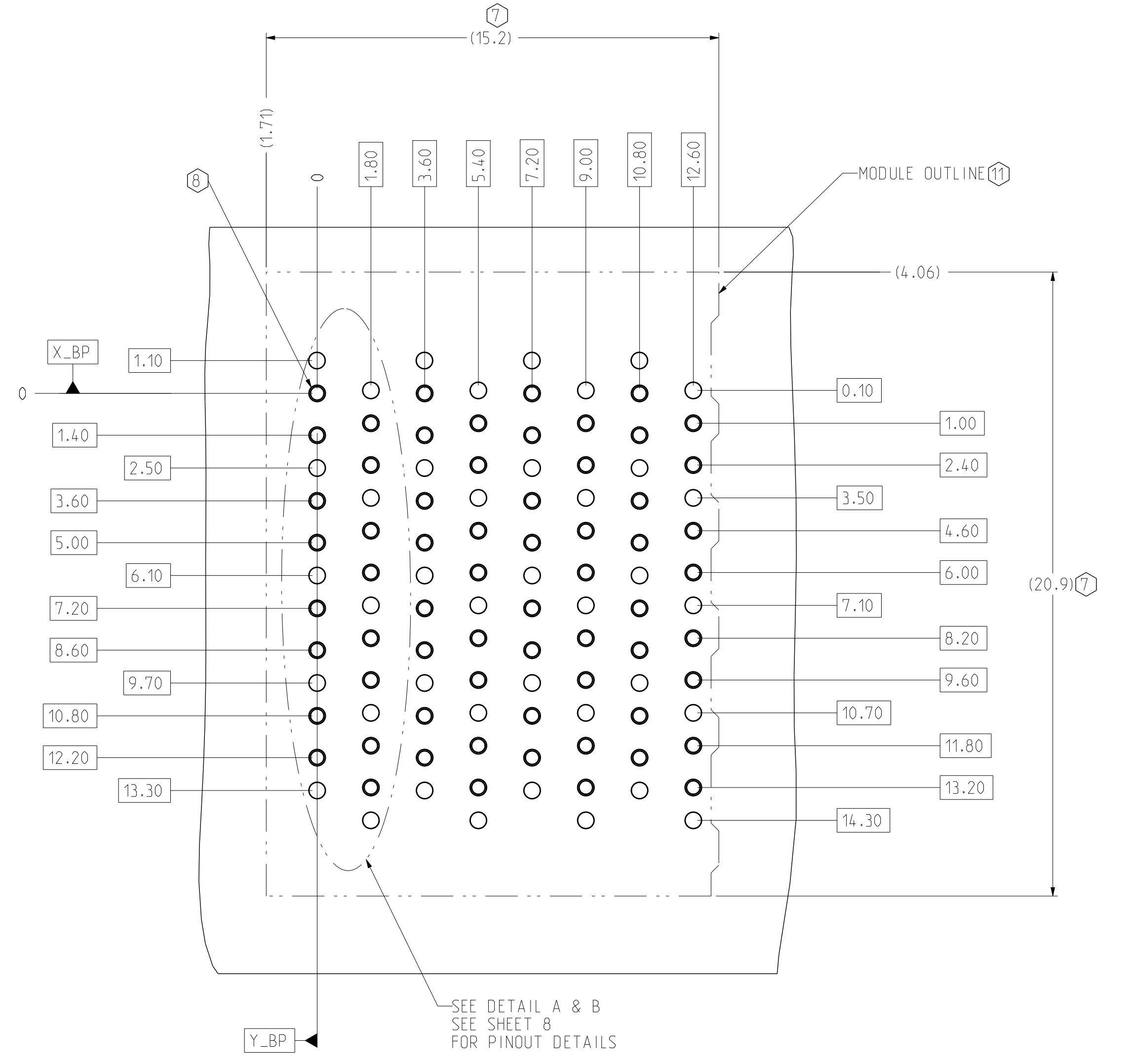
CONNECTOR REFERENCE SCALE 4/1



SECTION\_Z-Z



ISOMETRIC VIEW SCALE 3/1



BP HOLE PATTERN COMPONENT SIDE SCALE 8/1

LEFT WALL BACKPLANE FOOTPRINT

TOLERANCES	DESIGN	DATE
0.0 ±0.25	M.HANRAHAN	11/19/2013
0.0 ±0.13	HCL-RJ	11/19/2013
0.000 ± -	M.HANRAHAN	11/29/2013
ANGLES ± 3°	M.HANRAHAN	11/29/2013

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

TITLE: BACKPLANE MODULES, VERTICAL MALE HEADER  
XCODE: HD PLUS, 4 PAIR B POS, THICK WALL W/EXTRA GND

PART NO. SEE PN TREE SHEET 1  
DRAWING NO. C-926-401E-500

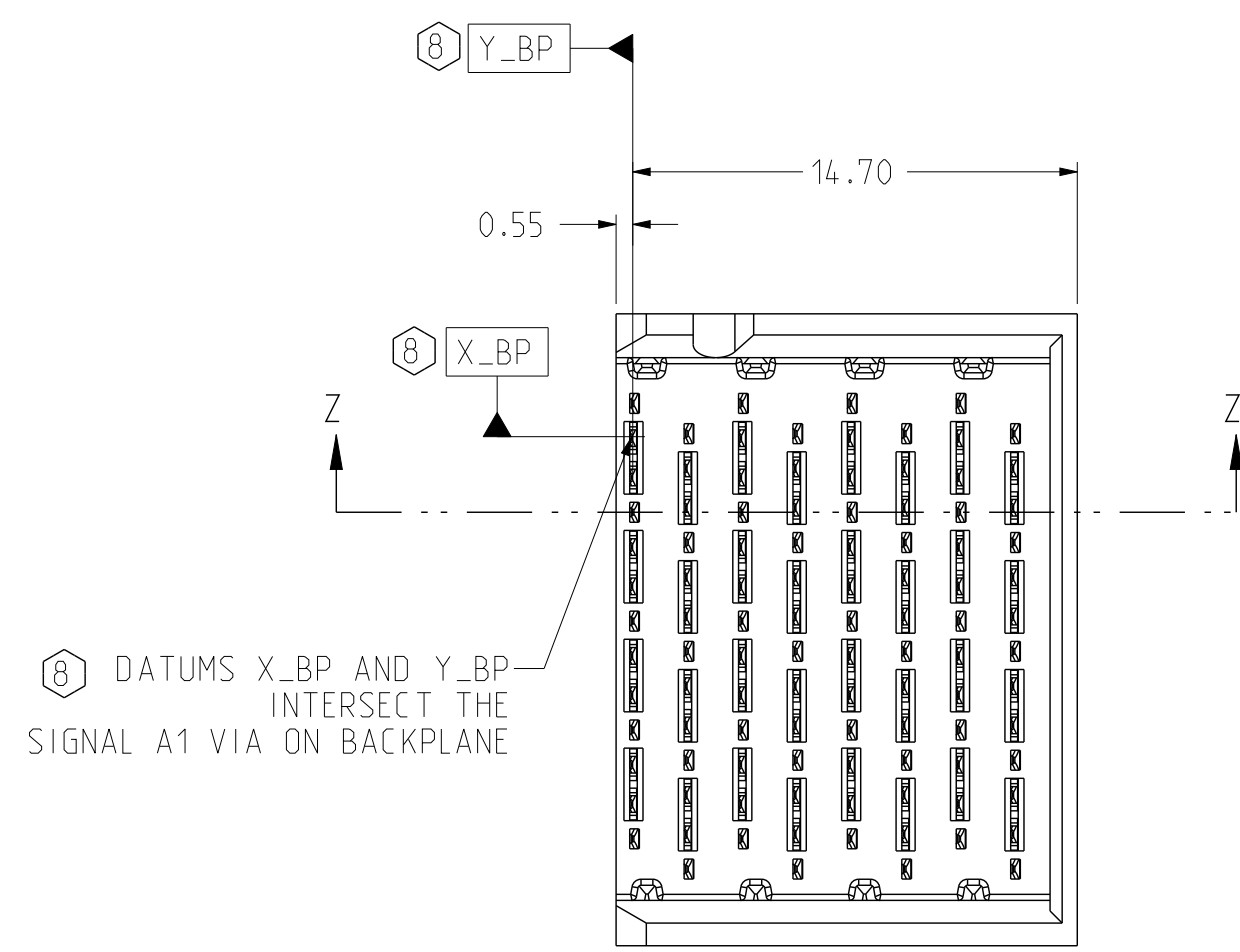
REV N/A  
REV C  
ASSEM C926-401E-500\_XG-WOSHLD 0.5  
DRAWING C926-401E-500\_XG-WOSHLD 0.14

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

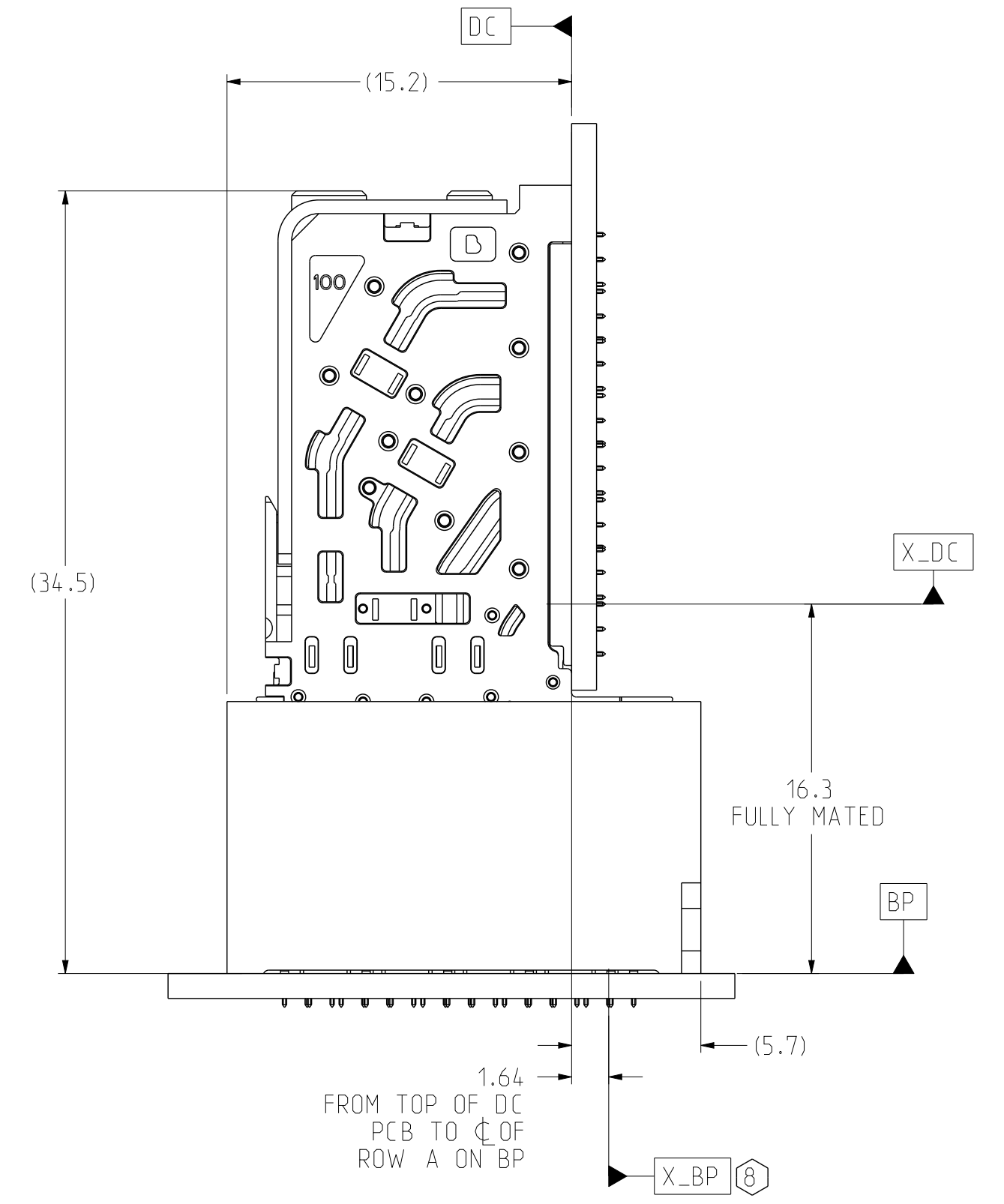
CUSTOMER USE DRAWING

SIZE D SCALE 1/1 SHEET 5 OF 9

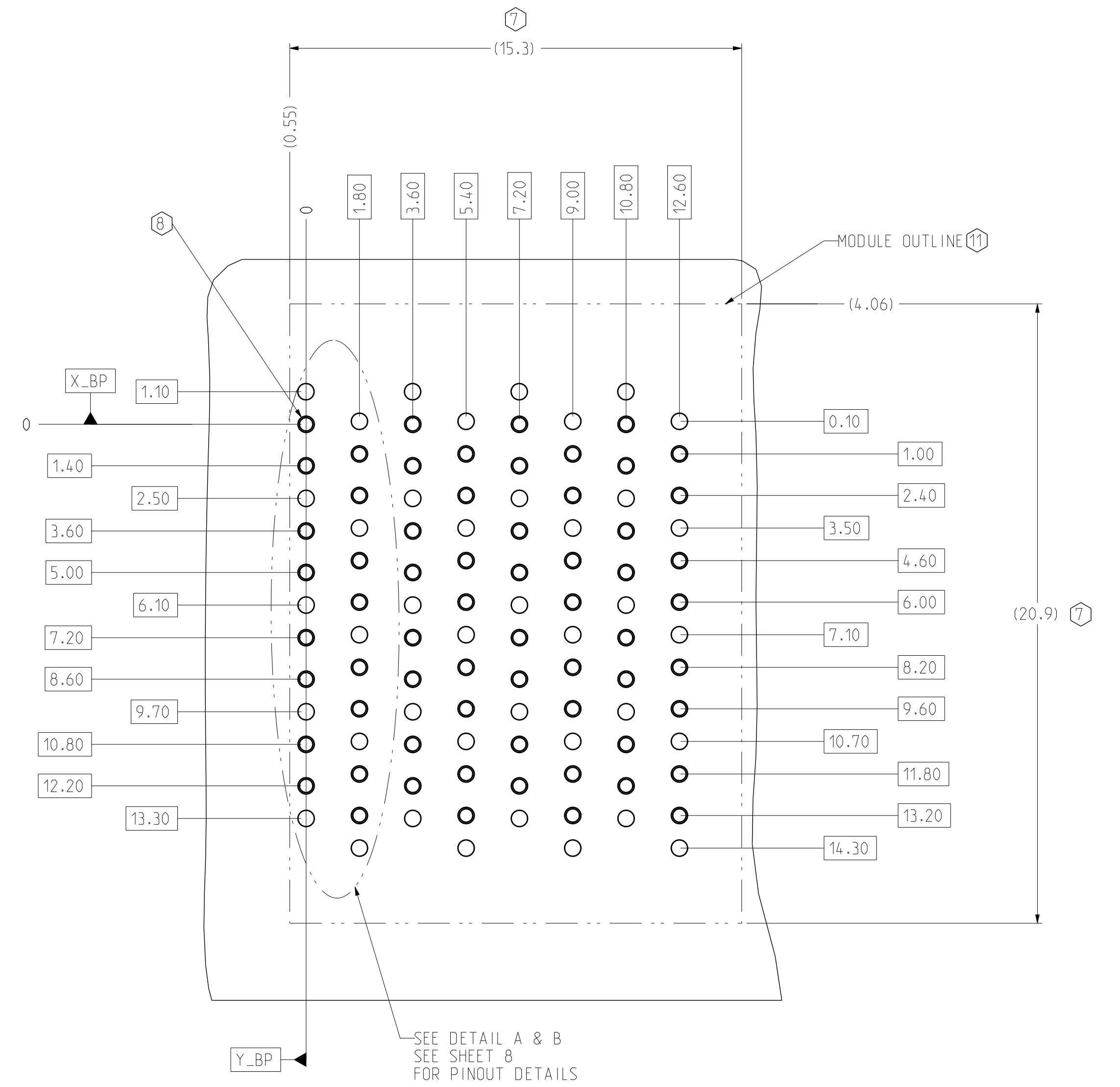
DRW NO.	C-926-401E-500	SH	6	REV	C	
ZONE	REV	ECN	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



**RIGHT WALL BACKPLANE MODULE DIMENSION**

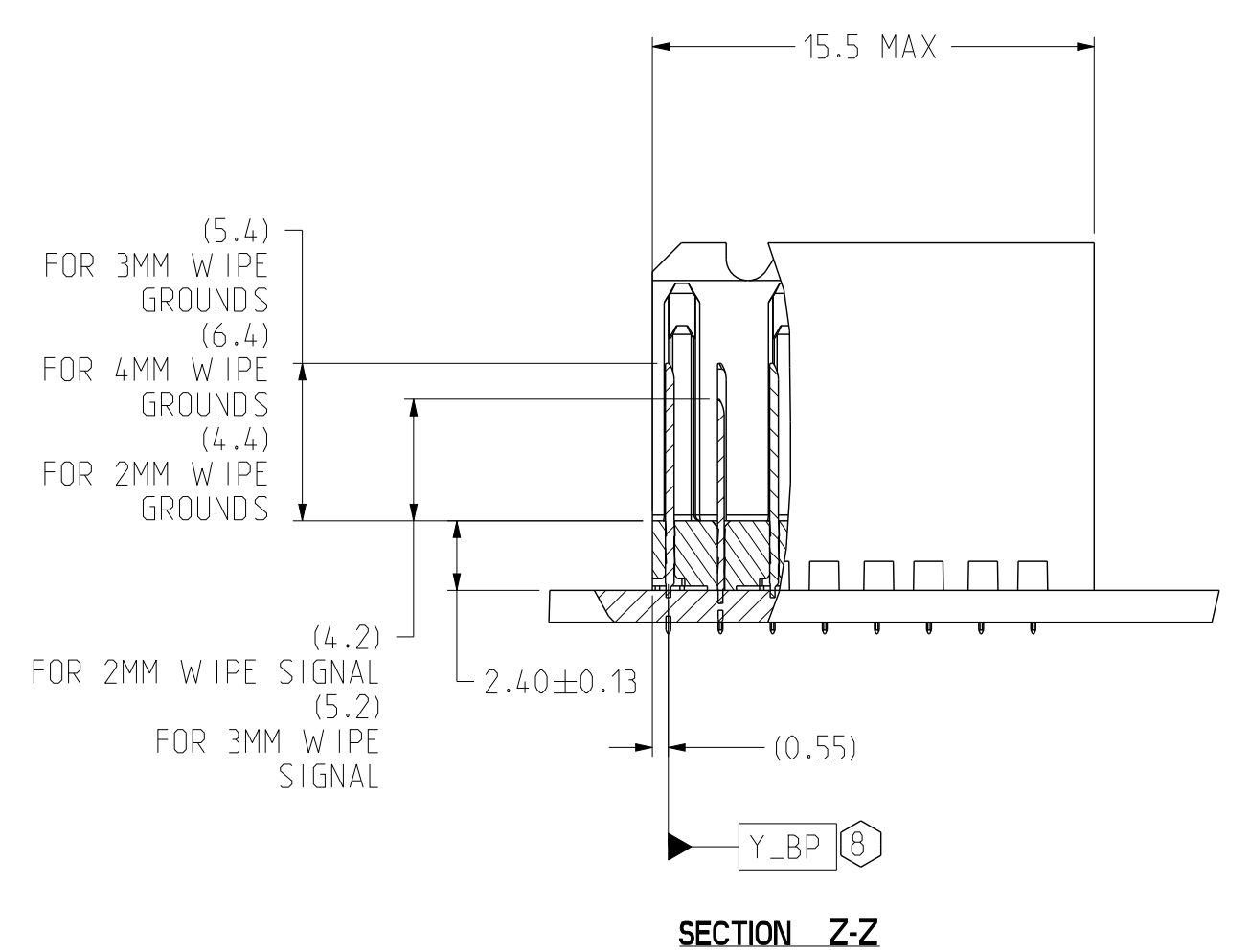


**CONNECTOR REFERENCE**  
SCALE 4/1

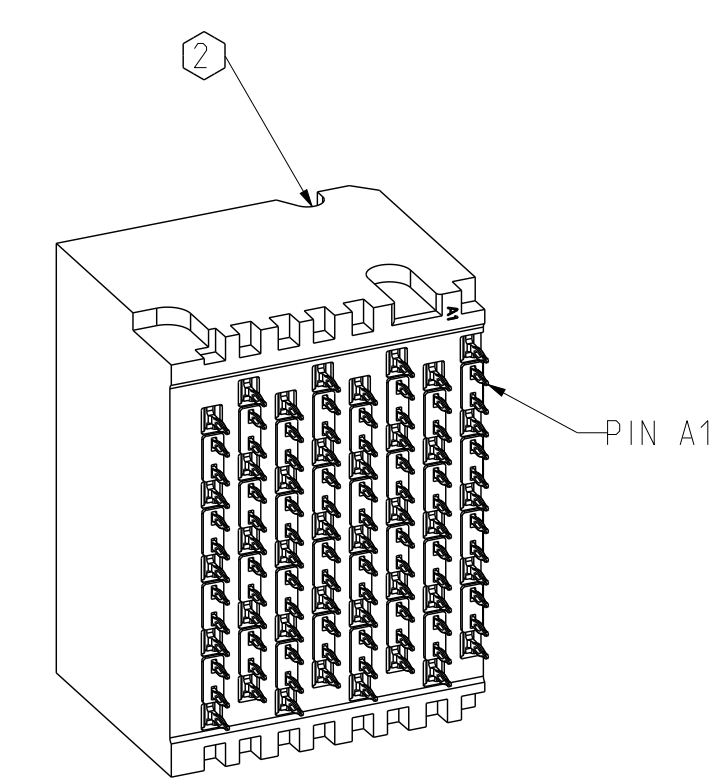
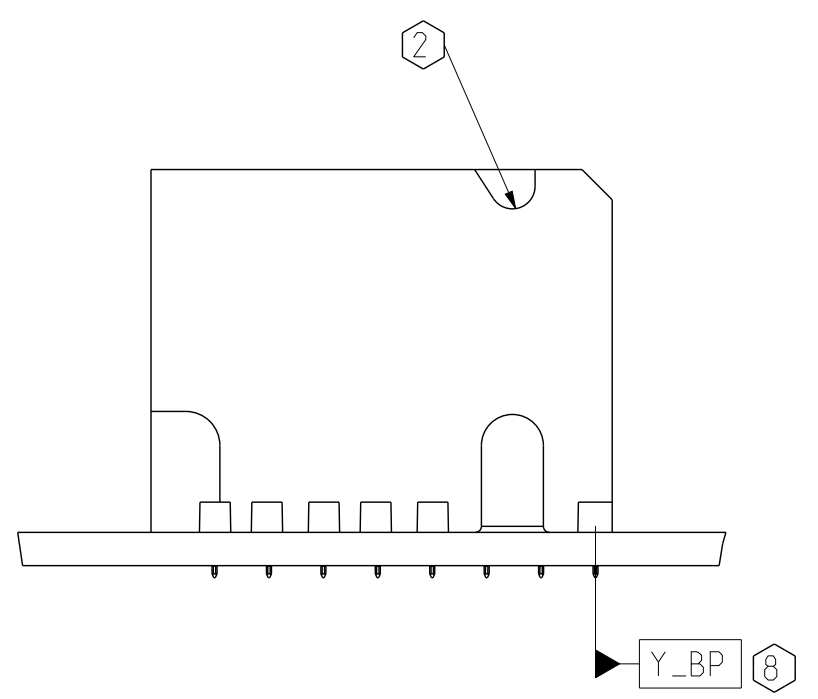
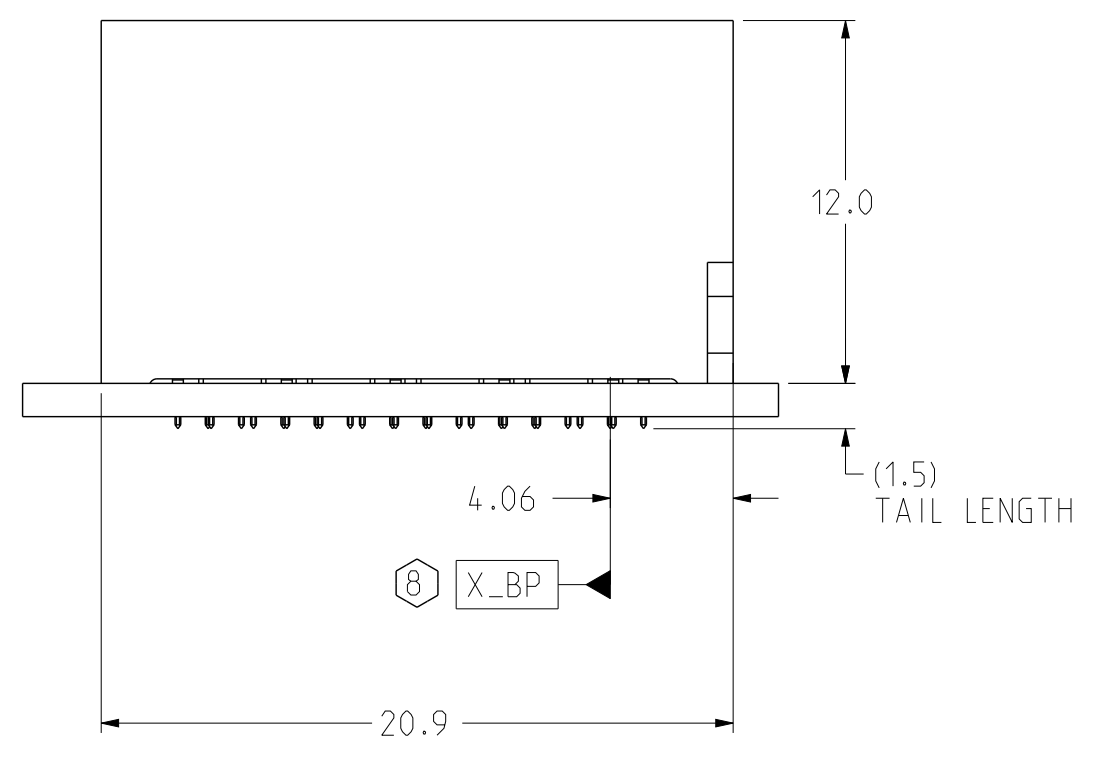


**BP HOLE PATTERN**  
COMPONENT SIDE  
SCALE 8/1

**RIGHT WALL BACKPLANE FOOTPRINT**



**SECTION Z-Z**

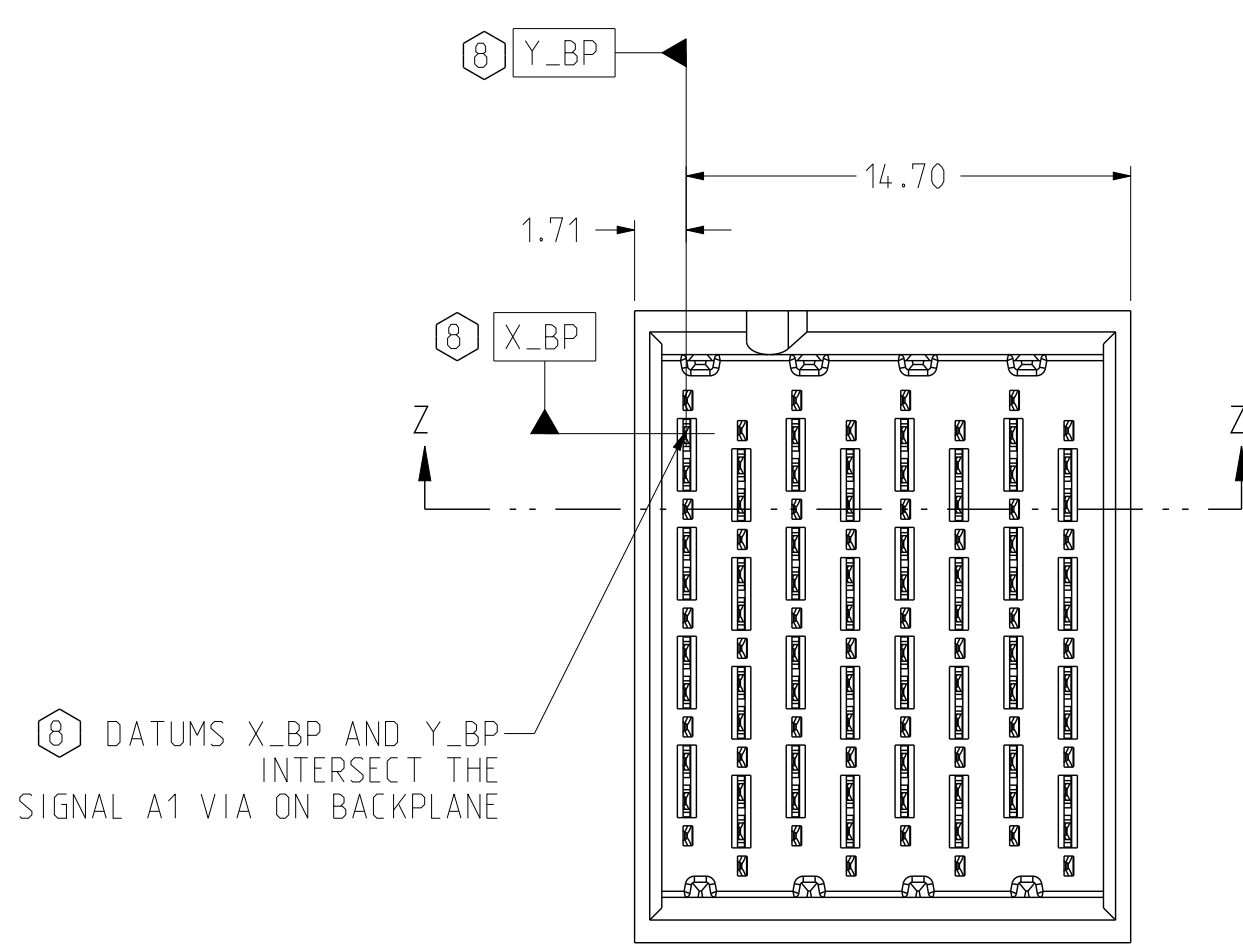


**ISOMETRIC VIEW**  
SCALE 3/1

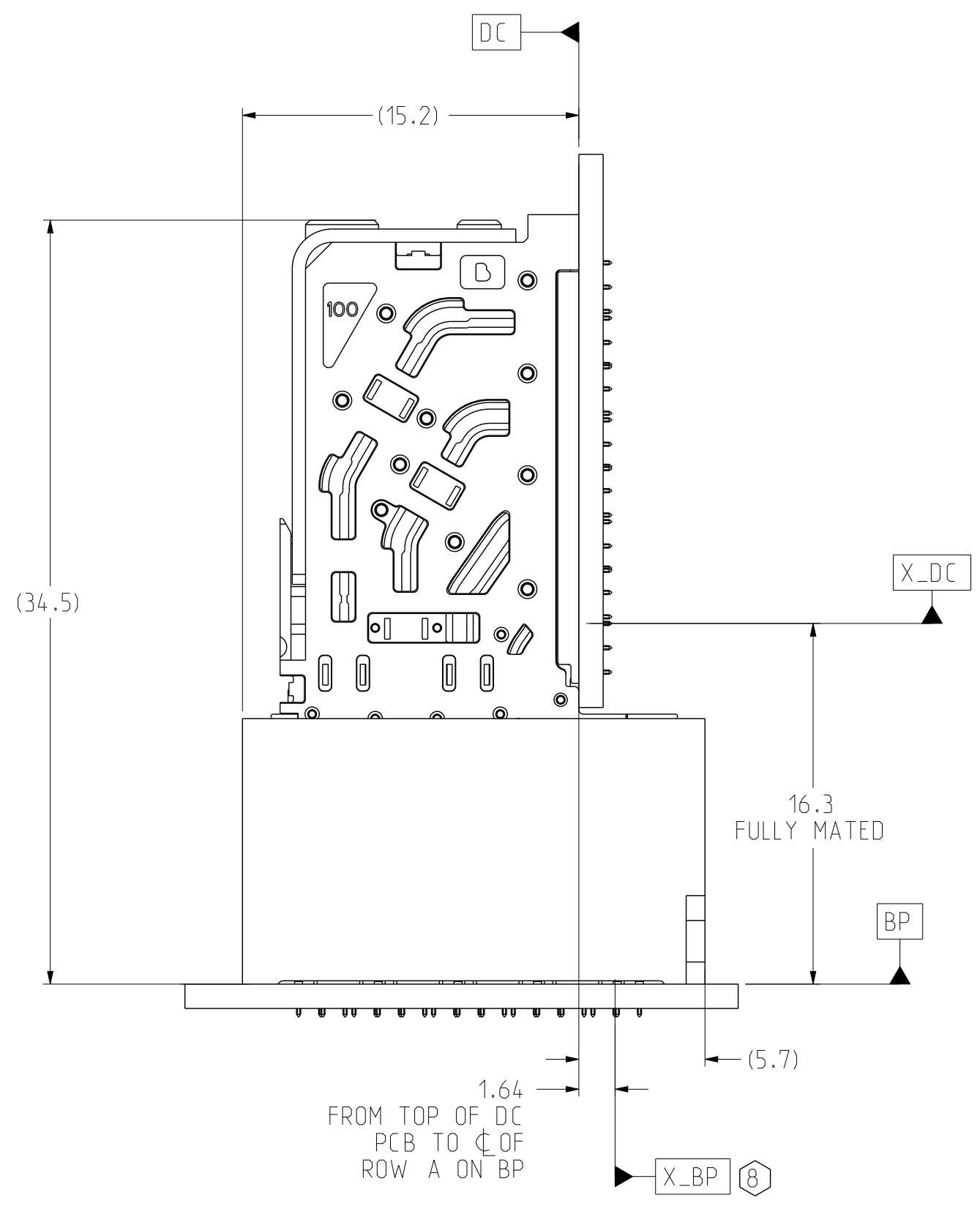
TOLERANCES		DESIGN 11/19/2013 M.HANRAHAN	<b>Amphenol TCS</b> A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03062 603.879.3000
0.0	±0.25	DRAWN 11/19/2013 HCL-RJ	
0.00	±0.13	CHK 11/29/2013 M.HANRAHAN	TITLE BACKPLANE MODULES, VERTICAL MALE HEADER XCODE HD PLUS, 4 PAIR B POS, THICK WALL W/EXTRA GND
0.000	± -	APVD 11/29/2013 M.HANRAHAN	PART NO. SEE PN TREE SHEET 1
ANGLES	± 3°		REV N/A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD.			DRAWING NO. C-926-401E-500
INTERPRET PER ASME Y14.5M CODE IDENT 31413			ASSEM C926-401E-500_XG-WOSHLD 0.5 DRAWING C926-401E-500_XG-WOSHLD 0.14
CUSTOMER USE DRAWING			SIZE D SCALE 1/1 SHEET 6 OF 9



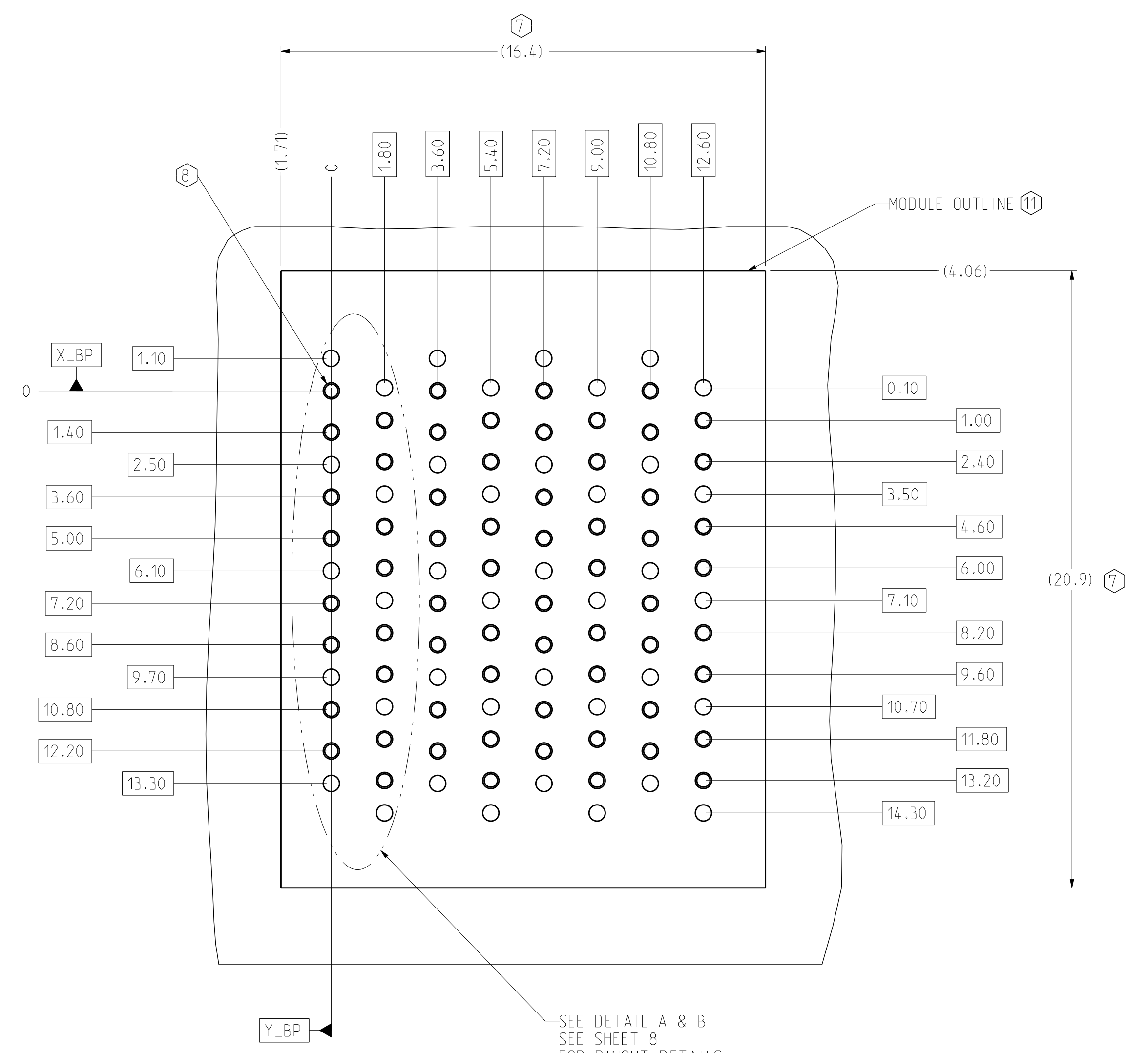
ZONE	REV	ECN	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



**TWO WALL BACKPLANE MODULE DIMENSION**

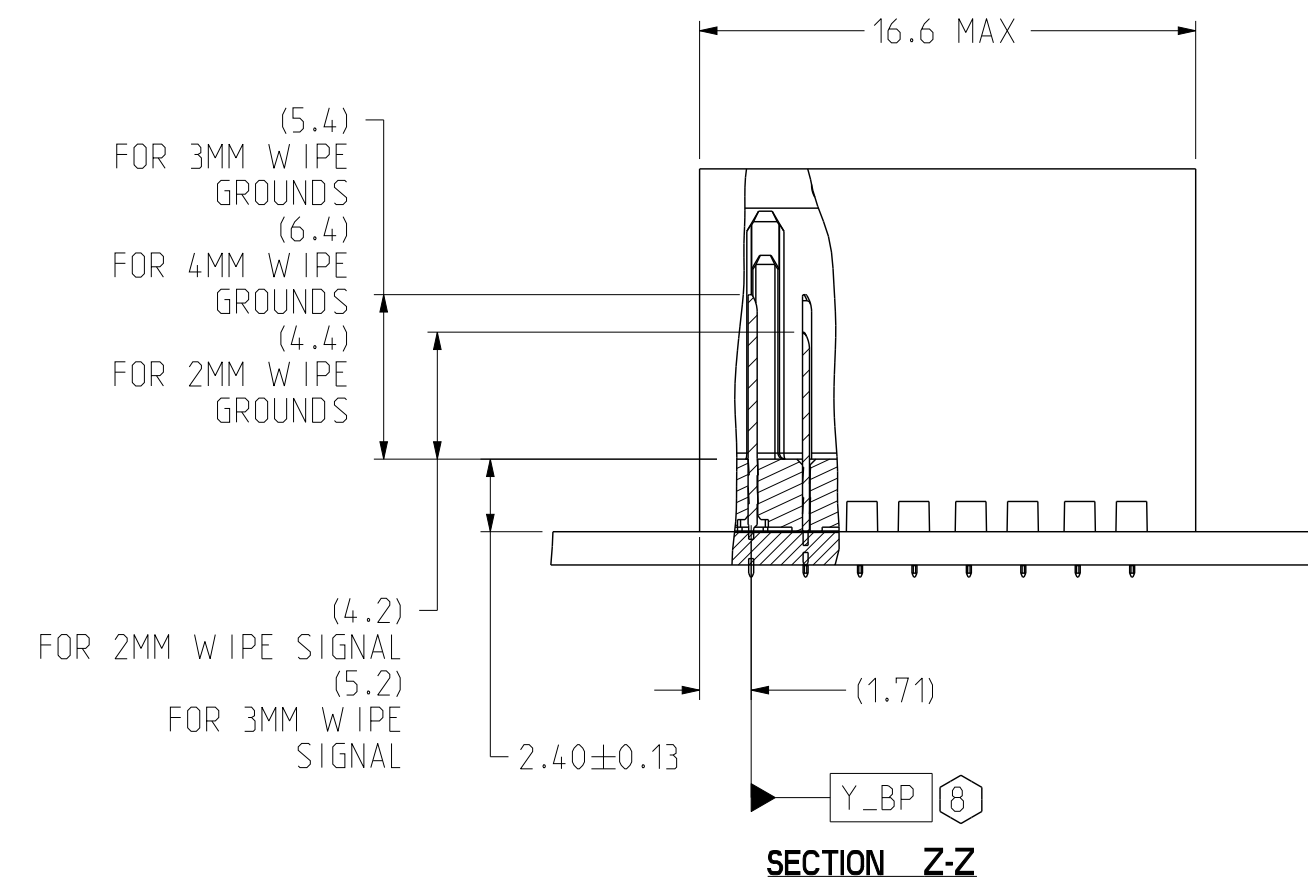


**CONNECTOR REFERENCE**  
SCALE 4/1

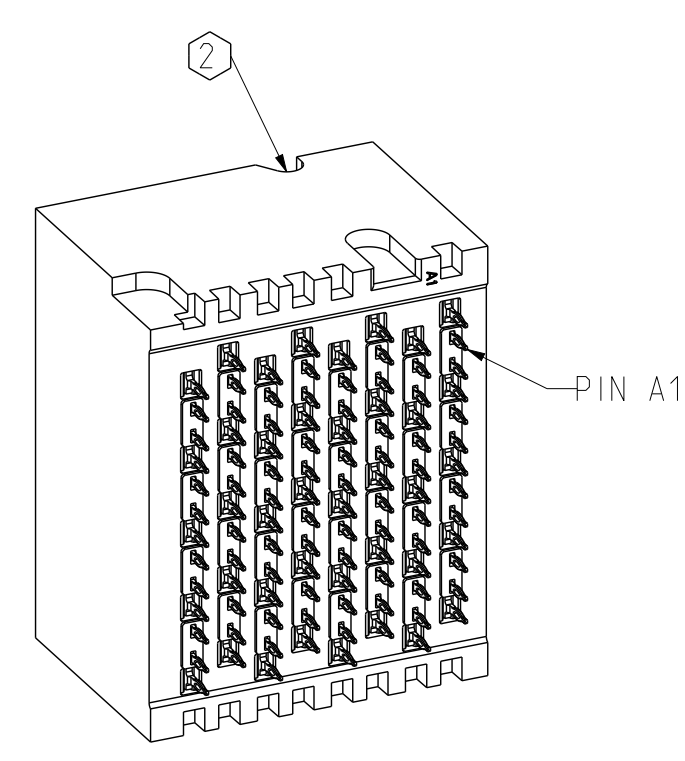
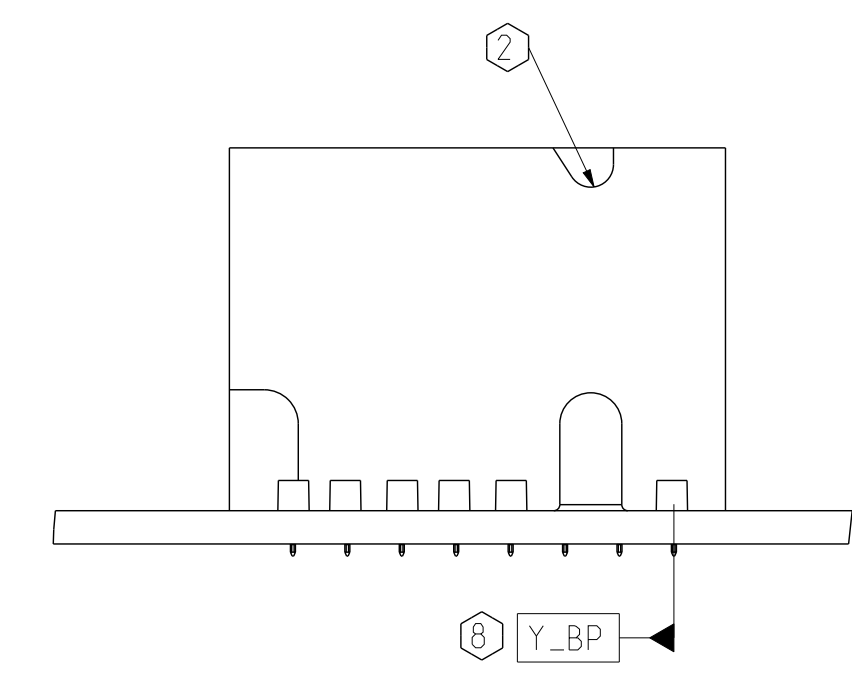
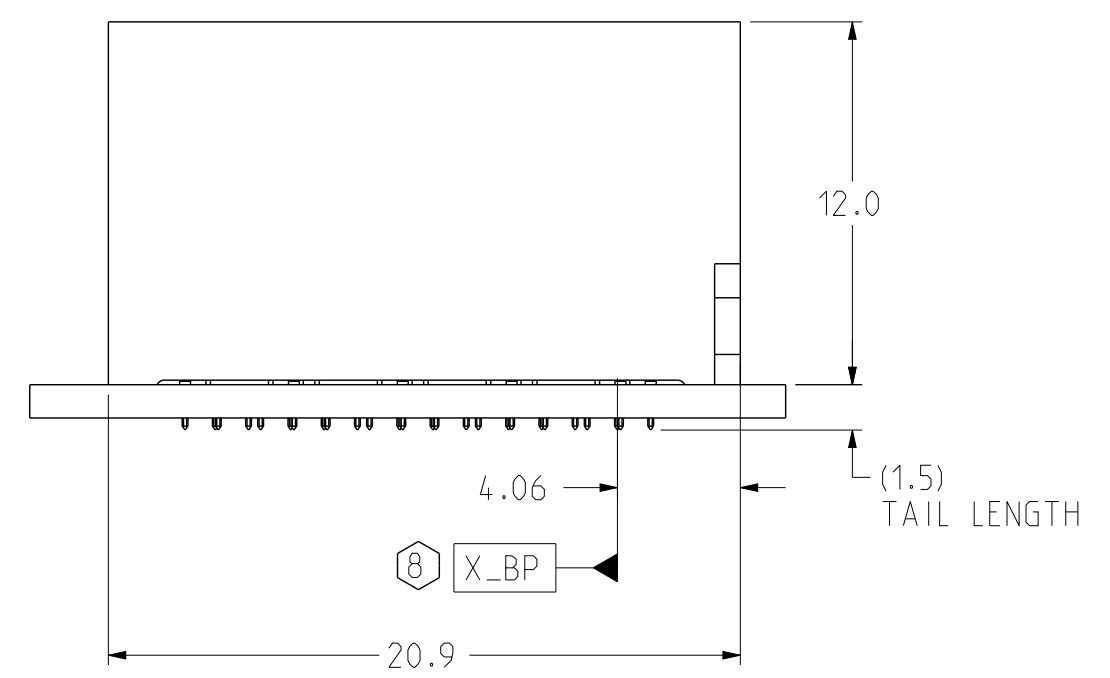


**BP HOLE PATTERN**  
COMPONENT SIDE  
SCALE 8/1

**TWO WALL BACKPLANE FOOTPRINT**



**SECTION Z-Z**



**ISOMETRIC VIEW**  
SCALE 3/1

TOLERANCES		DESIGN	11/19/2013	<b>Amphenol TCS</b>	
0.0	±0.25	M.HANRAHAN		A Division of Amphenol Corporation	
0.00	±0.13	DRAWN 11/19/2013		200 Innovative Way, Nashua, NH 03062 603.879.3000	
0.000	± -	CHK 11/29/2013		TITLE	
ANGLES	± 3°	M.HANRAHAN		BACKPLANE MODULES, VERTICAL MALE HEADER	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD.				Xcode HD PLUS, 4 PAIR B POS. THICK WALL W/EXTRA GND	
PART NO.				SEE PN TREE SHEET 1	REV
DRAWING NO.				C-926-401E-500	REV
ASSEMBLY				ASSEM C926-401E-500_XG-WOSHLD	0.5
DRAWING				DRAWING C926-401E-500_XG-WOSHLD	0.14
SIZE	D	SCALE	1/1	SHEET 7 OF 9	

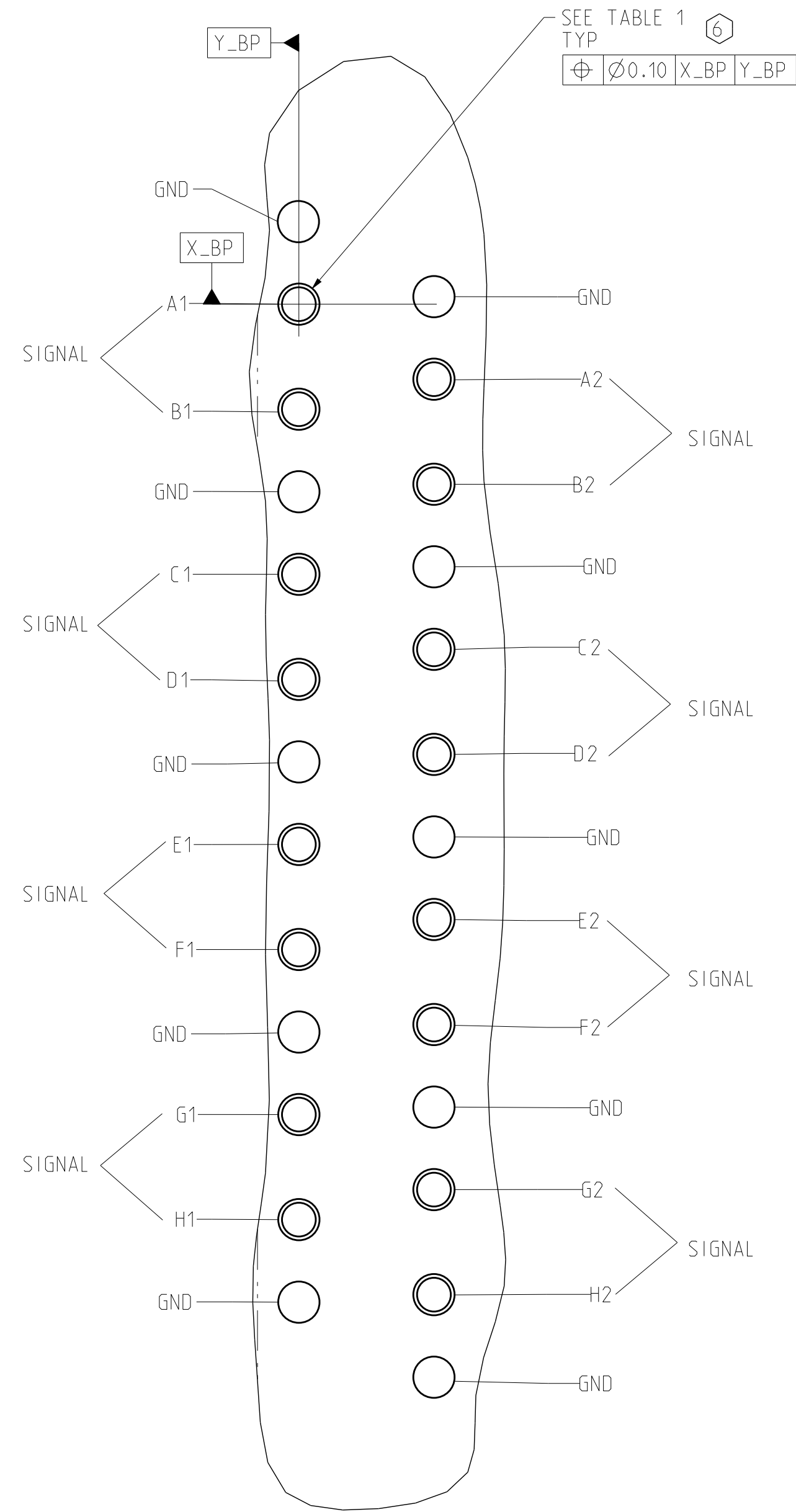
INTERPRET PER ASME Y14.5M  
CODE IDENT 31413

**CUSTOMER USE**  
DRAWING

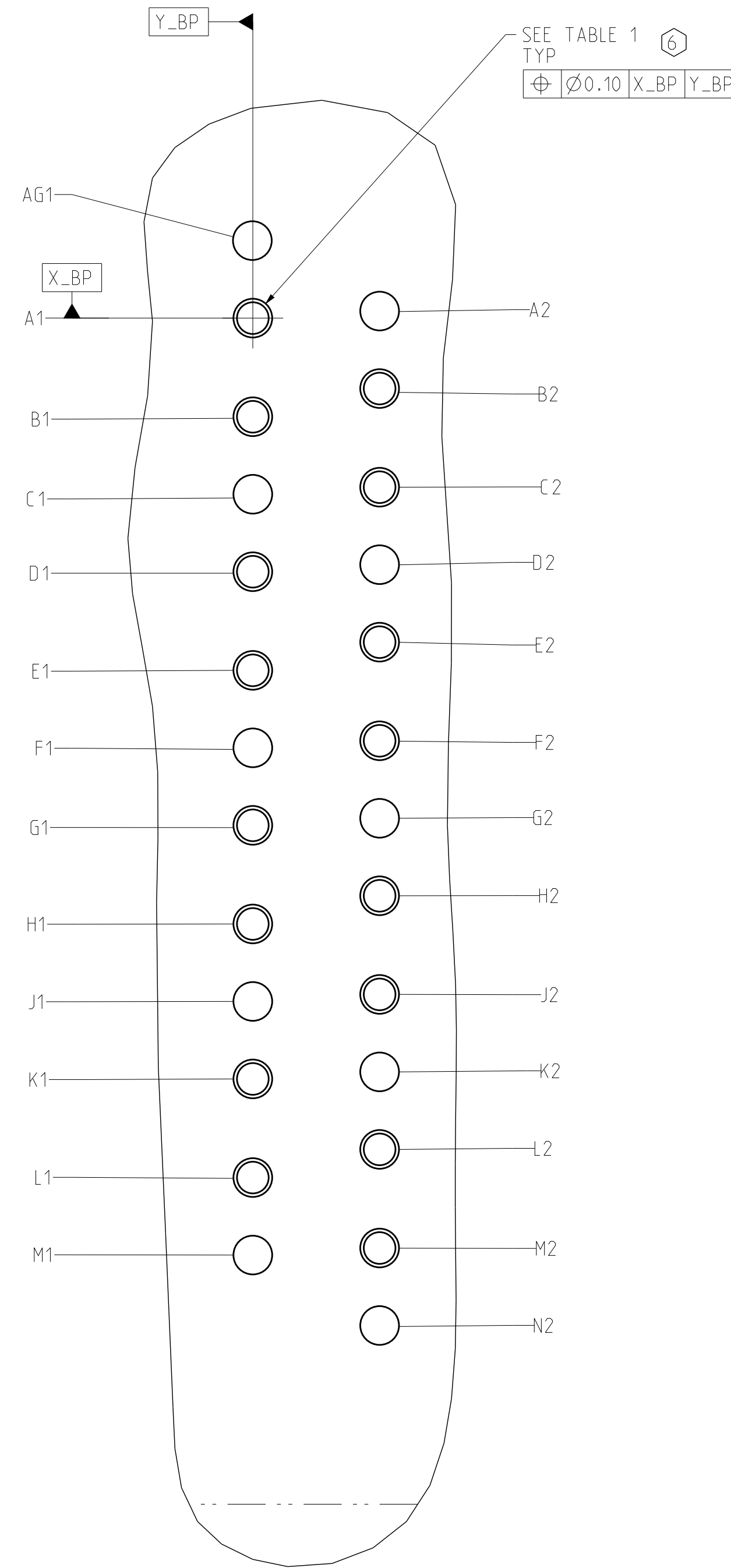
ZONE	REV	ECN	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			

**TABLE 1**

	COMPLIANT PIN DRILL $\varnothing.0217''$	COMPLIANT PIN DRILL $\varnothing.0177''$
PTH	$\varnothing0.45 \pm 0.05$	$\varnothing0.36 \pm 0.05$
DRILL	$\varnothing0.55 [1.0217'']$	$\varnothing0.45 [1.0177'']$
PAD	$\varnothing0.85$	$\varnothing0.75$

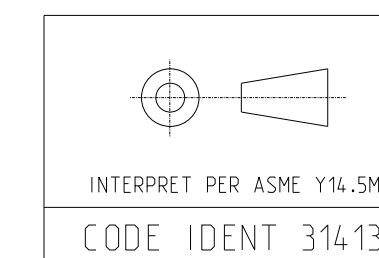


**DETAIL A**  
HSD PINOUTS  
SCALE 16/1



**DETAIL B**  
LC PINOUTS  
SCALE 16/1

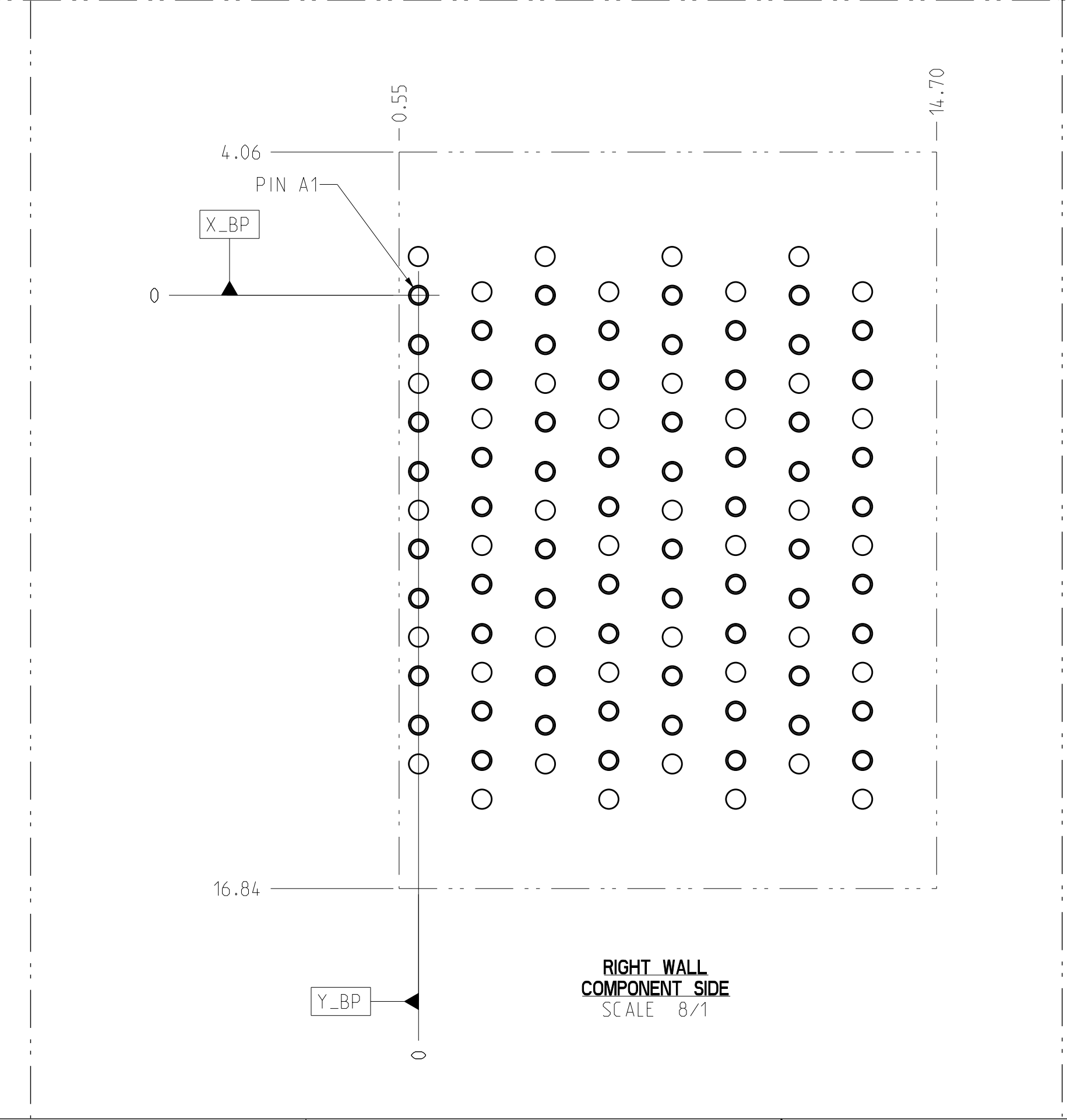
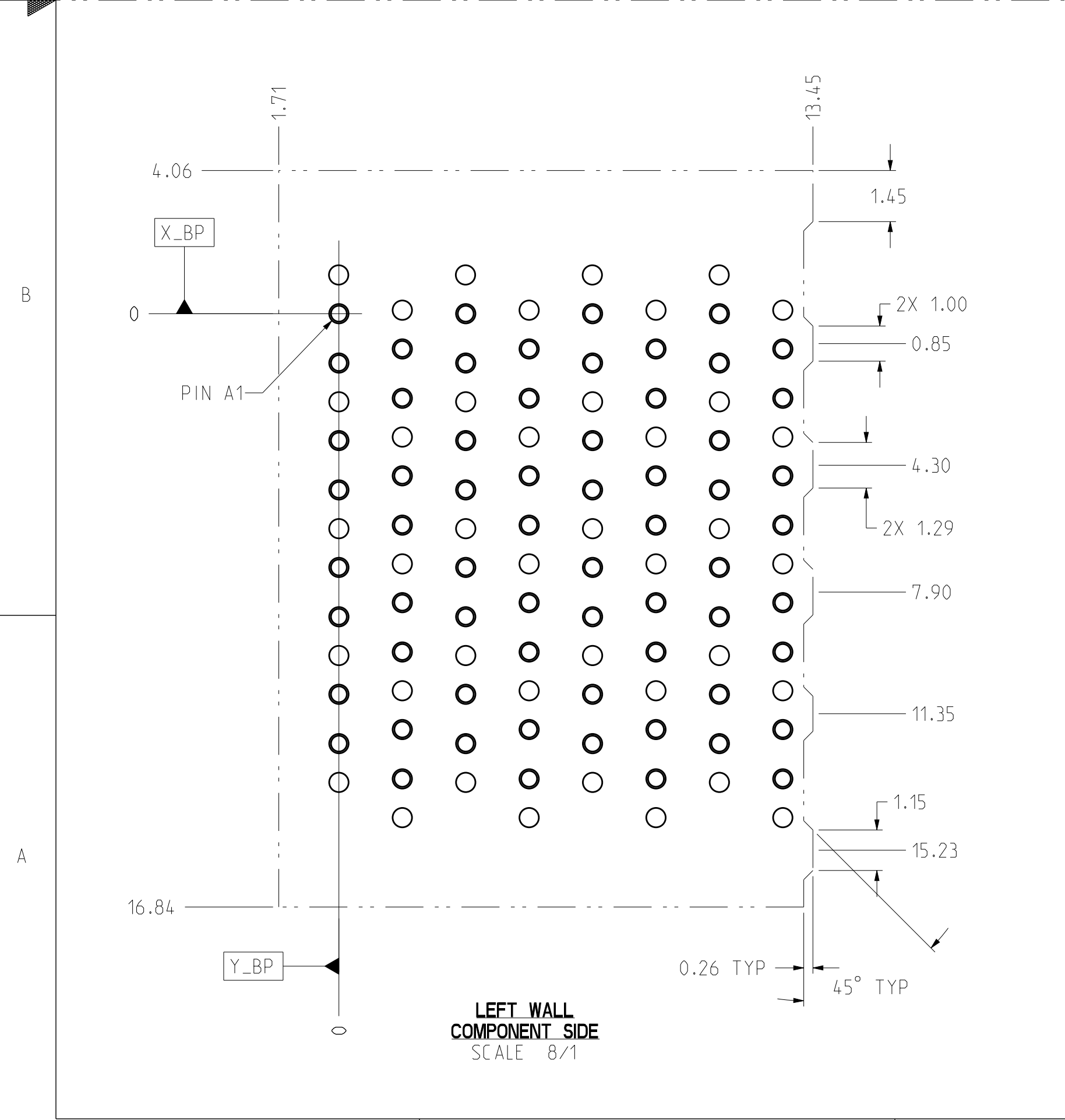
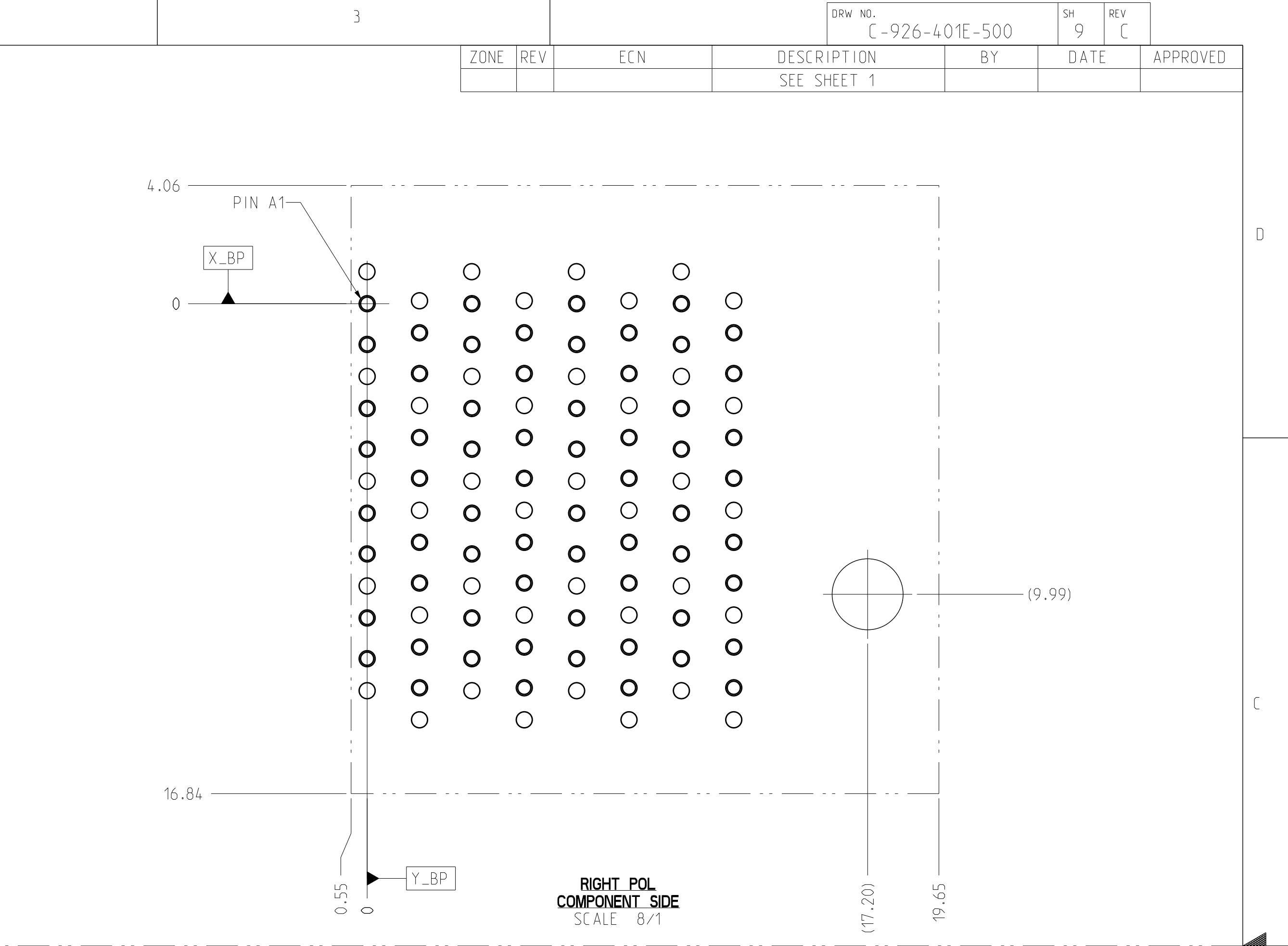
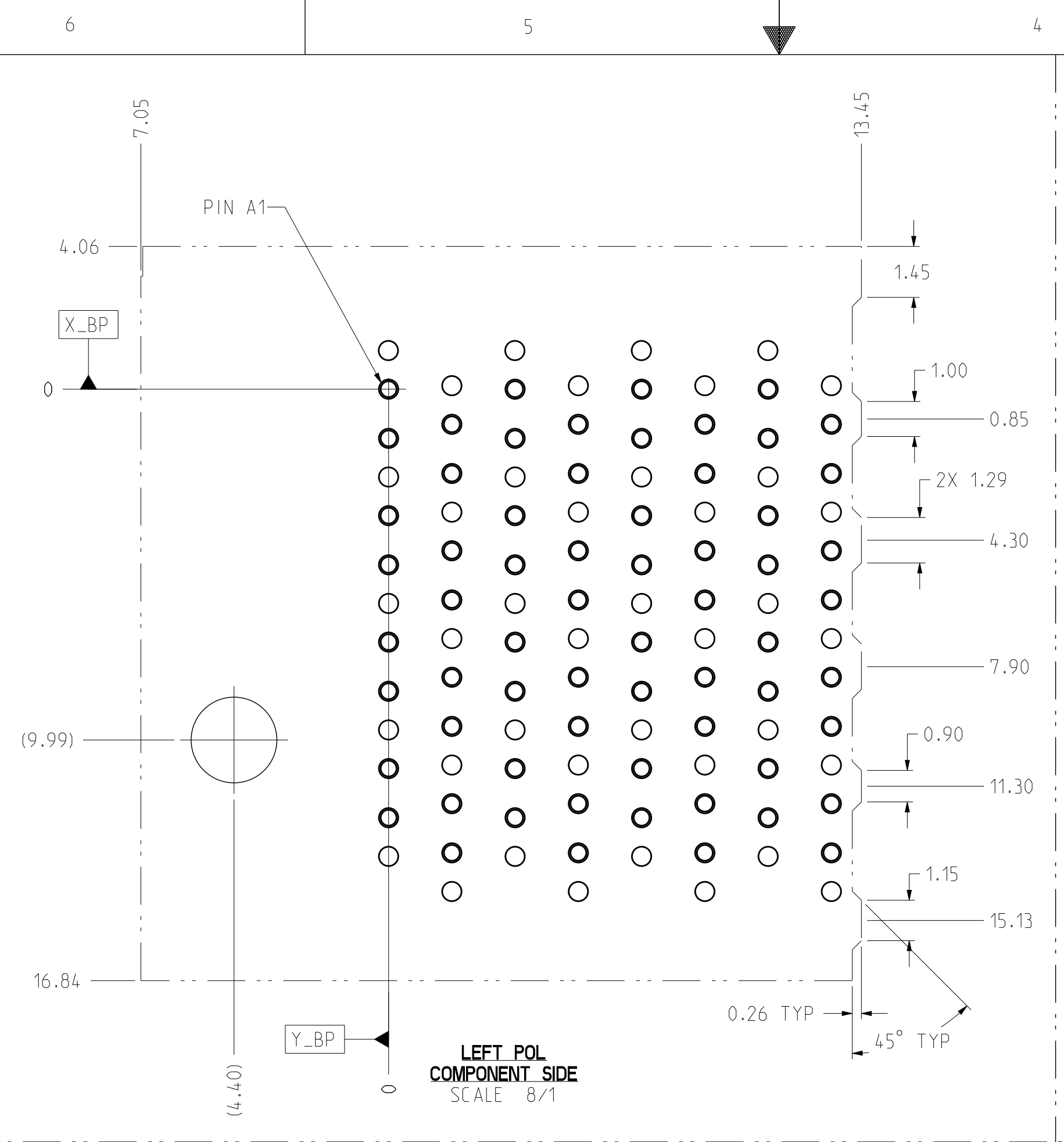
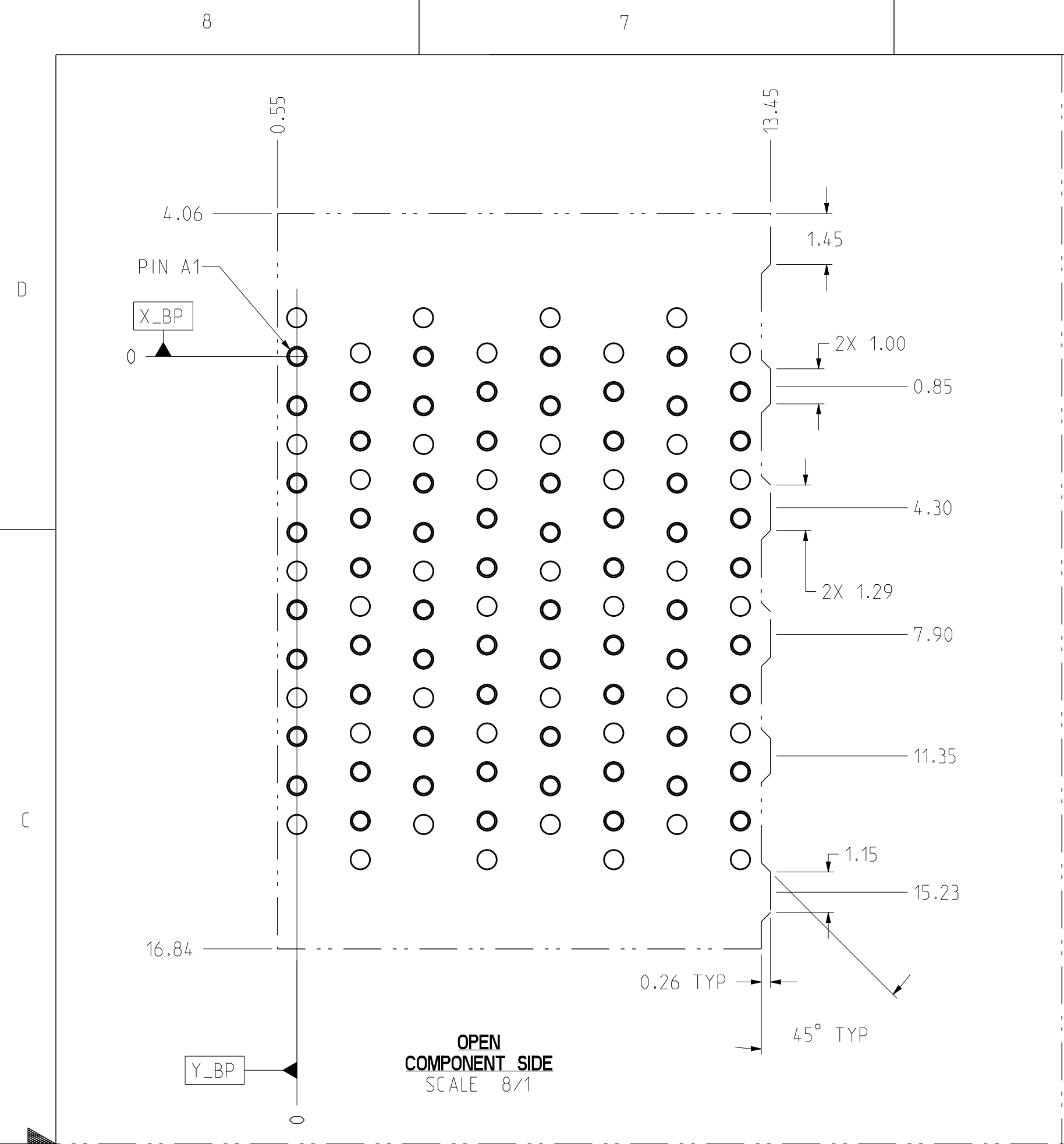
TOLERANCES		DESIGN 11/19/2013 M.HANRAHAN	<b>Amphenol TCS</b> A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03082 603.879.3000 TITLE BACKPLANE MODULES, VERTICAL MALE HEADER Xcode HD PLUS, 4 PAIR B POS. THICK WALL W/EXTRA GND PART NO. SEE PN TREE SHEET 1 REV N/A
0.0	$\pm 0.25$	DRAWN 11/19/2013 HCL-RJ	
0.00	$\pm 0.13$	CHK 11/29/2013 M.HANRAHAN	
0.000	$\pm -$	APVD 11/29/2013 M.HANRAHAN	
ANGLES $\pm 3^\circ$		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD.	
DRAWING NO. C-926-401E-500		ASSEM C926-401E-500_XG-WOSHLD 0.5 DRAWING C926-401E-500_XG-WOSHLD 0.14	
SIZE D	SCALE 1/1	SHEET 8 OF 9	



CUSTOMER USE  
DRAWING

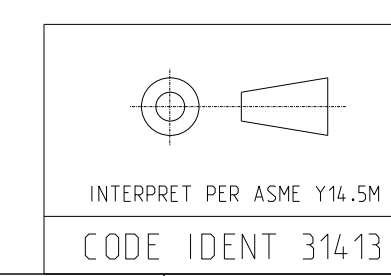


ZONE	REV	ECN	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



## SILK SCREEN DETAILS FOR BACKPLANE MODULE OUTLINE

TOLERANCES		DESIGN 11/19/2013 M.HANRAHAN	<b>Amphenol TCS</b> A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03082 603.879.3000 TITLE BACKPLANE MODULES, VERTICAL MALE HEADER XCODE HD PLUS, 4 PAIR B POS, THICK WALL W/EXTRA END PART NO. SEE PN TREE SHEET 1 DRAWING NO. C-926-401E-500 ASSEM C926-401E-500_XG-WOSHLD 0.5 DRAWING C926-401E-500_XG-WOSHLD 0.14 SIZE D SCALE 1/1 SHEET 9 OF 9
0.0	±0.25	DRAWN 11/19/2013 HCL-RJ	
0.00	±0.13	CHK 11/29/2013 M.HANRAHAN	
0.000	± -	APVD 11/29/2013 M.HANRAHAN	
ANGLES ± 3°		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD.	



**CUSTOMER USE DRAWING**