

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	02/19/2018	J.XU

9 2 6 - 4 X 1 J - X X X

XCede HD PLUS BACKPLANE MODULE MALE STANDARD LOAD

4 PAIR

4-POSITION

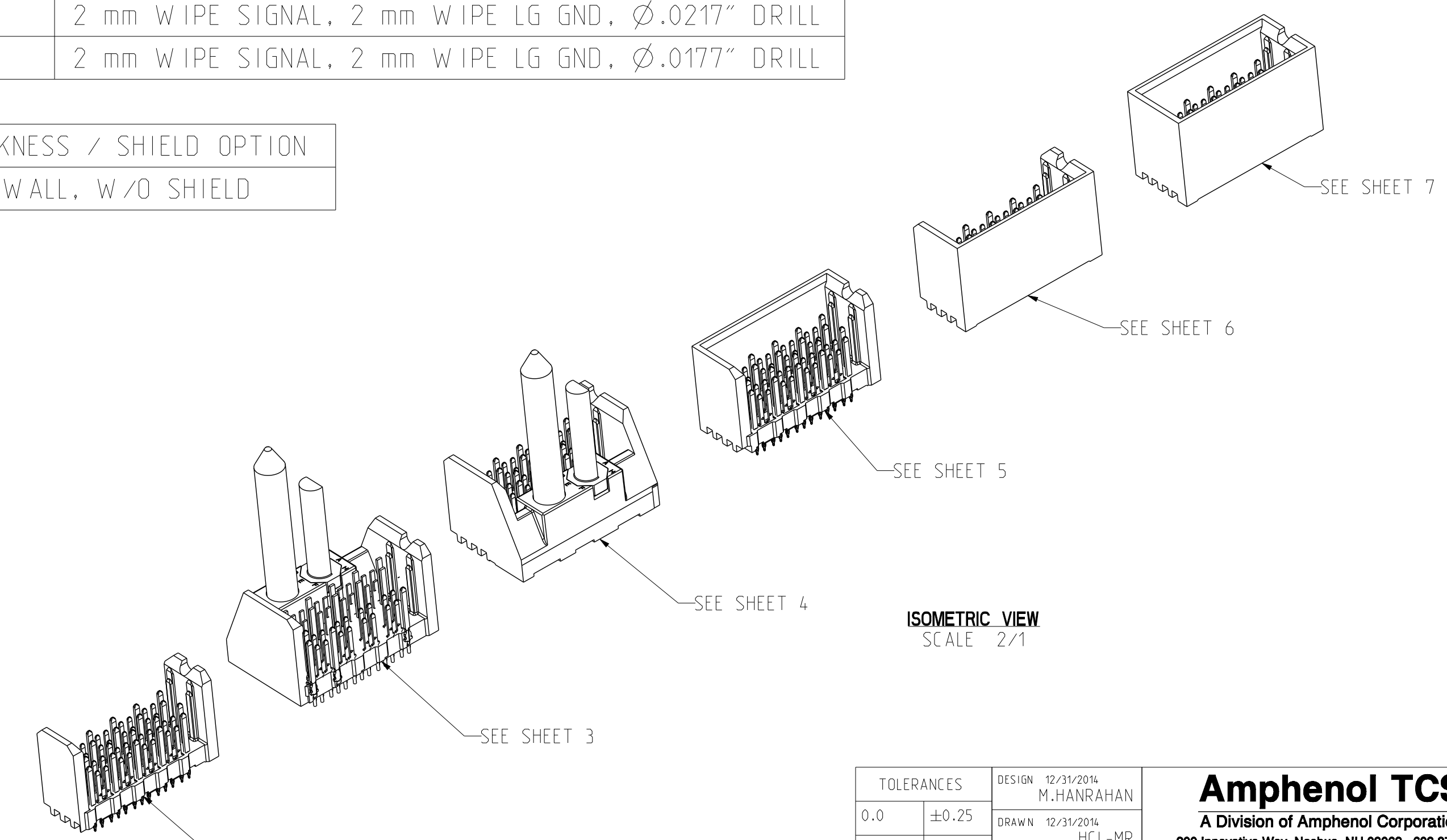
LETTER	PLATING
D	NI SULFAMATE, STANDARD GOLD, LEADFREE
E	NI SULFAMATE, HIGH GOLD, LEADFREE
H	NANO NI, STANDARD GOLD, LEADFREE
J	NANO NI, HIGH GOLD, LEADFREE

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, $\phi$ .0217" DRILL
2	3 mm WIPE SIGNAL, 4 mm WIPE LG GND, $\phi$ .0217" DRILL
3	2 mm WIPE SIGNAL, 4 mm WIPE LG GND, $\phi$ .0177" DRILL
4	3 mm WIPE SIGNAL, 4 mm WIPE LG GND, $\phi$ .0177" DRILL
5	2 mm WIPE SIGNAL, 3 mm WIPE LG GND, $\phi$ .0217" DRILL
6	3 mm WIPE SIGNAL, 3 mm WIPE LG GND, $\phi$ .0217" DRILL
7	2 mm WIPE SIGNAL, 3 mm WIPE LG GND, $\phi$ .0177" DRILL
8	3 mm WIPE SIGNAL, 3 mm WIPE LG GND, $\phi$ .0177" DRILL
C	2 mm WIPE SIGNAL, 2 mm WIPE LG GND, $\phi$ .0217" DRILL
D	2 mm WIPE SIGNAL, 2 mm WIPE LG GND, $\phi$ .0177" DRILL

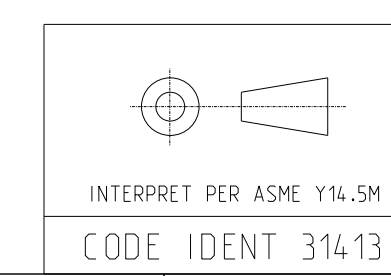
	WALL THICKNESS / SHIELD OPTION
1	THICK WALL, W/O SHIELD

	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								



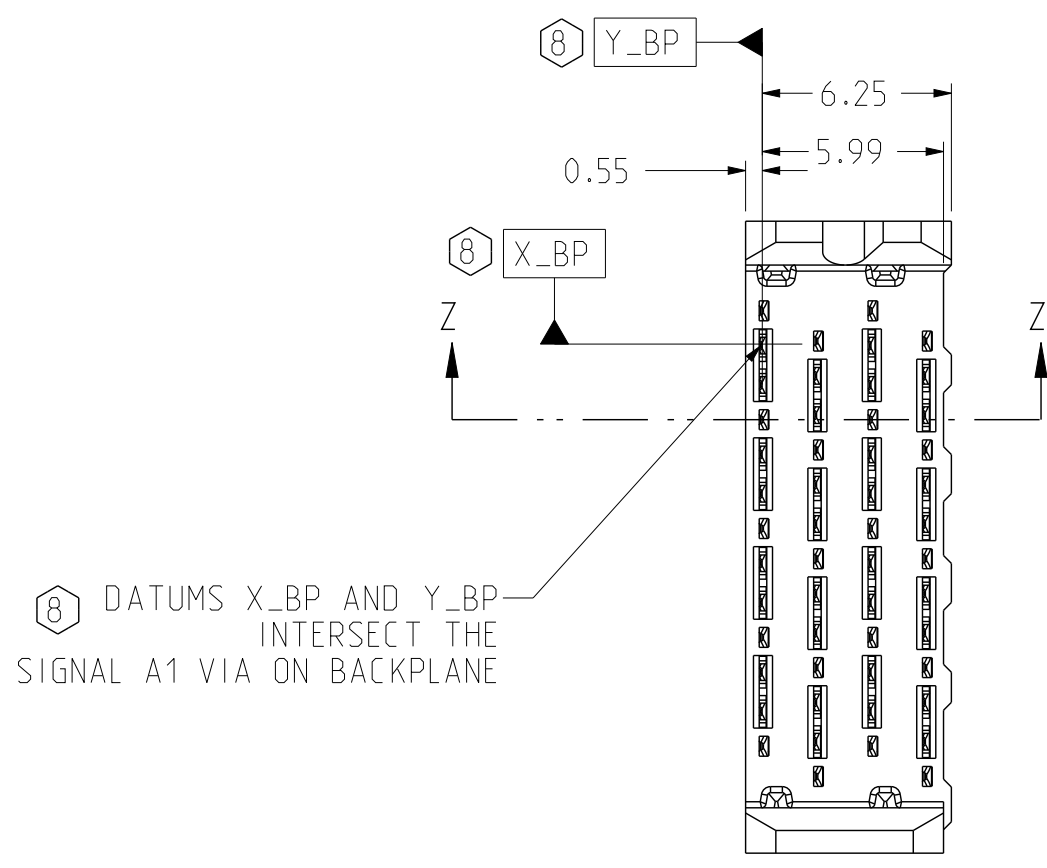
ISOMETRIC VIEW  
SCALE 2/1

- 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 REQUIREMENTS.
  - 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.

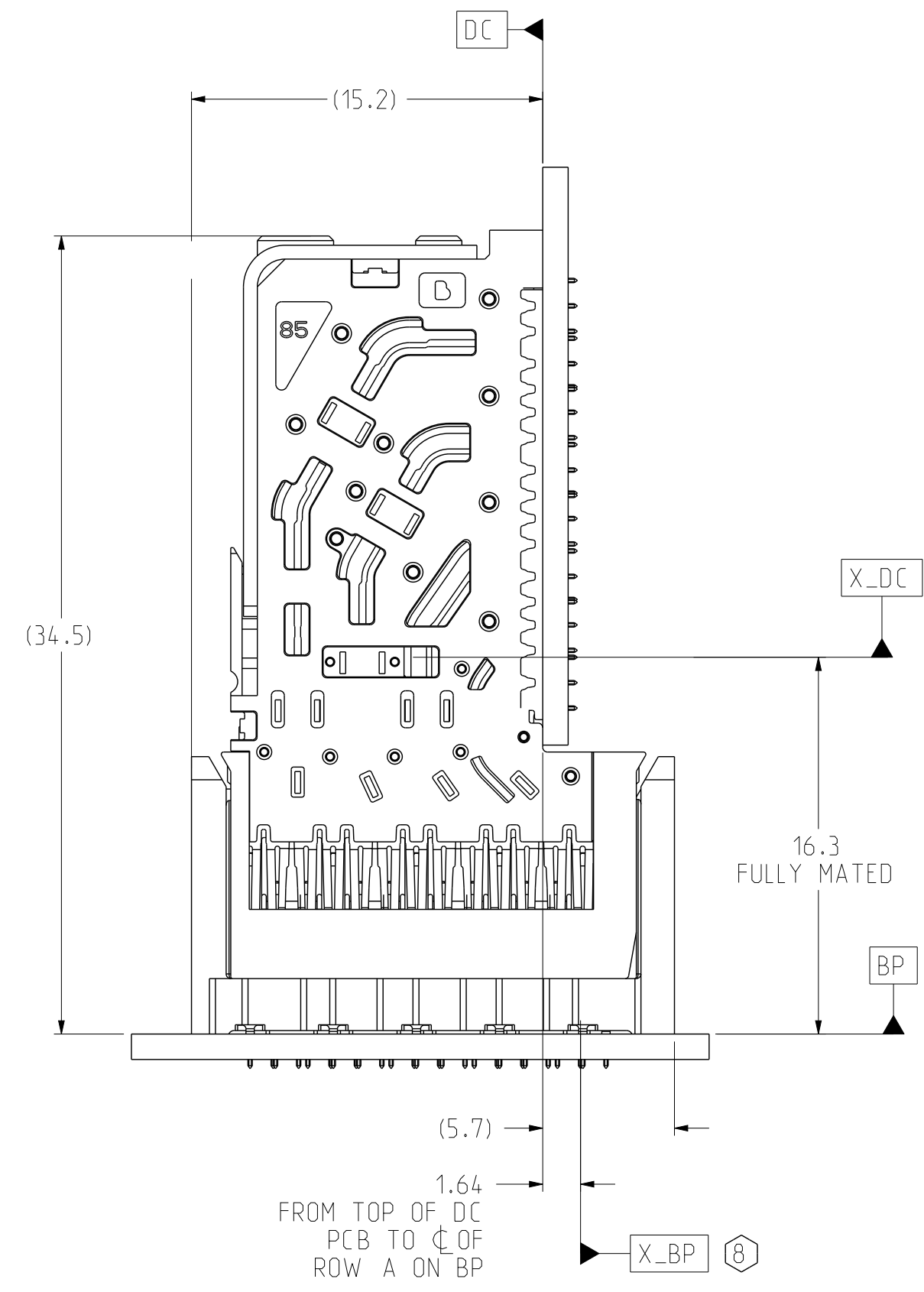


TOLERANCES	DESIGN	DATE	Amphenol TCS	
0.0	±0.25	12/31/2014	A Division of Amphenol Corporation	
0.00	±0.13	12/31/2014	200 Innovative Way, Nashua, NH 03062 603.879.3000	
0.000	± -	12/31/2014	TITLE: BACKPLANE MODULES, VERTICAL MALE HEADER	
ANGLES	± 3°	12/31/2014	XCede HD PLUS, 4 PAIR 4 POS, THICK WALL WITH EXTRA GROUND	
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-926-401J-500	C
			ASSEM C926-401J-500_XG_	0.1
			DRAWING C926-401J-500_XG_	0.7
			SIZE D	SHEET 1 OF 9
			SCALE 1/1	

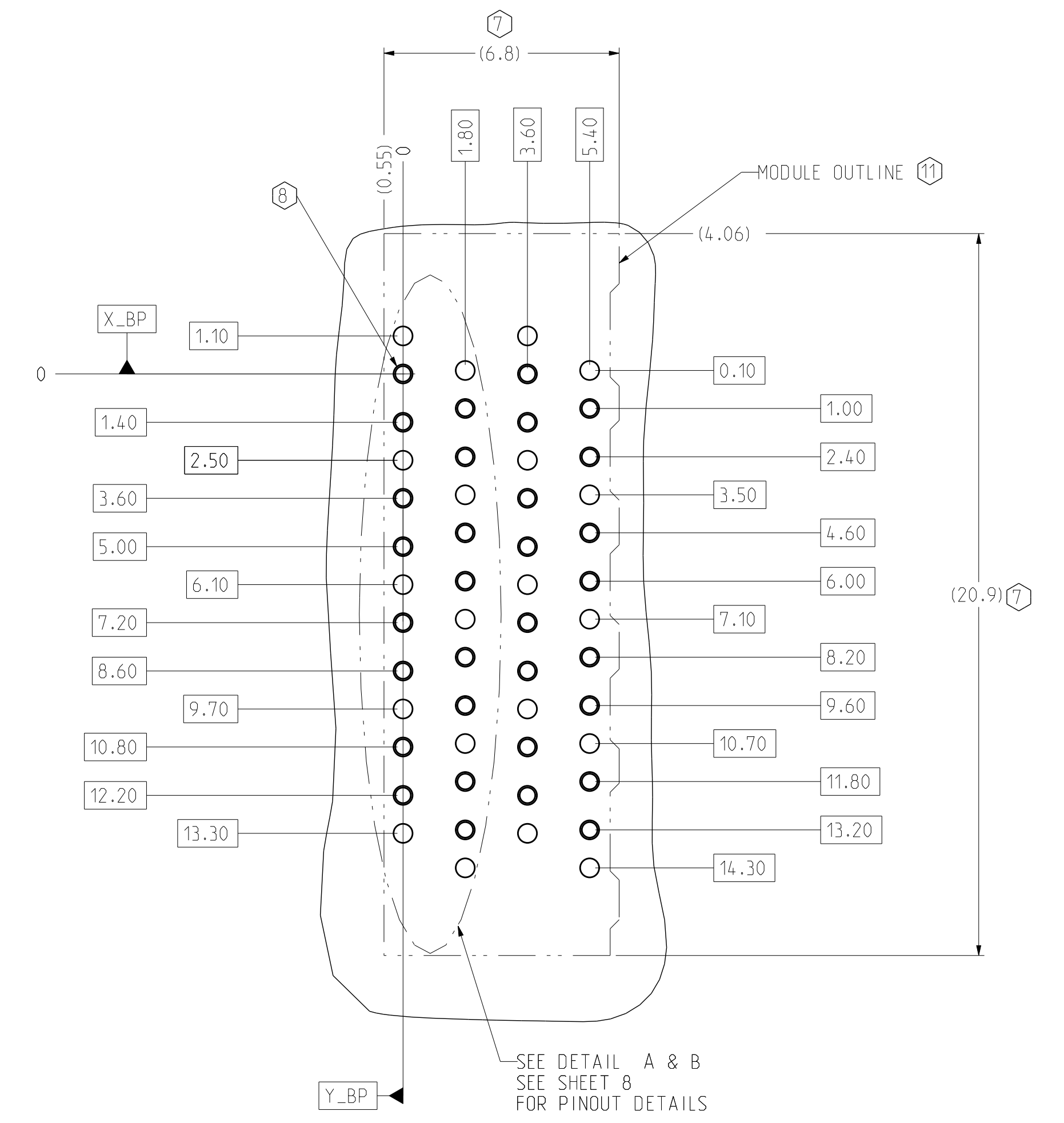
CUSTOMER USE  
DRAWING



**OPEN BACKPLANE MODULE DIMENSION**

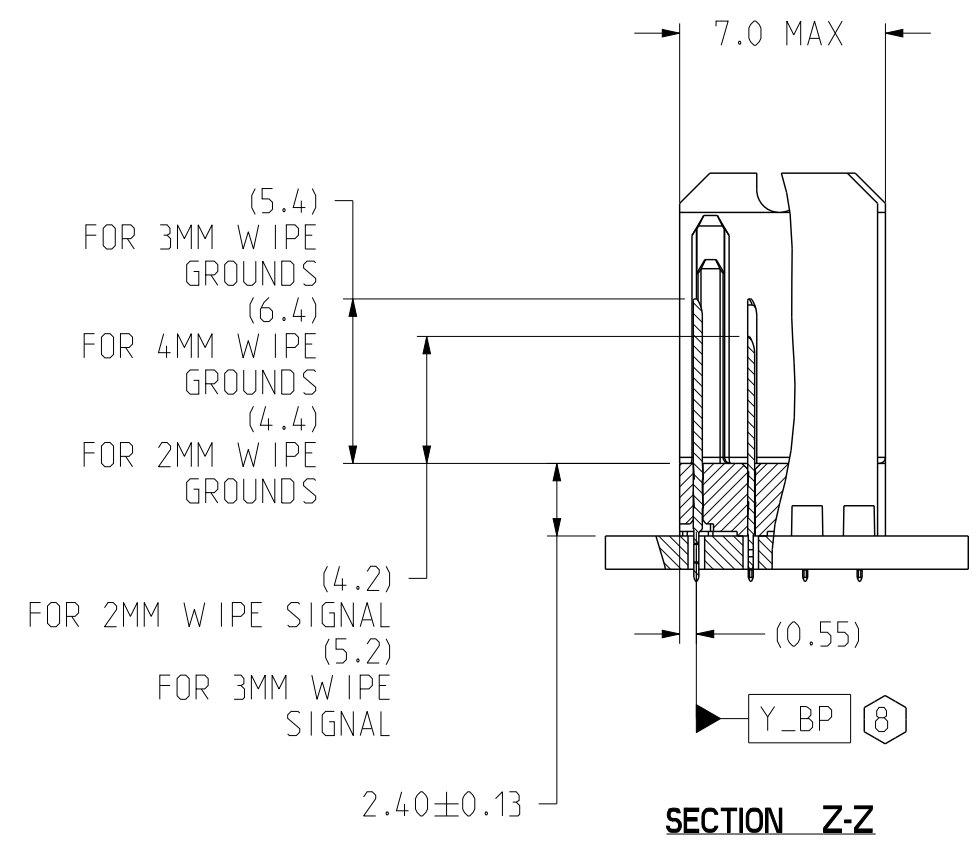


**CONNECTOR REFERENCE**  
SCALE 4/1

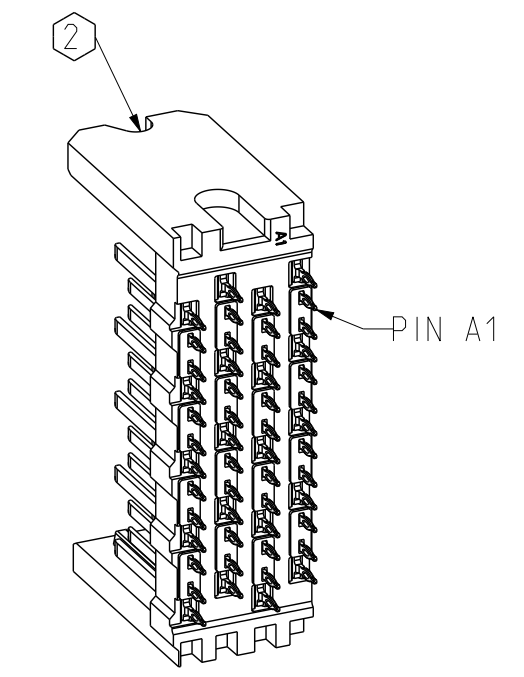
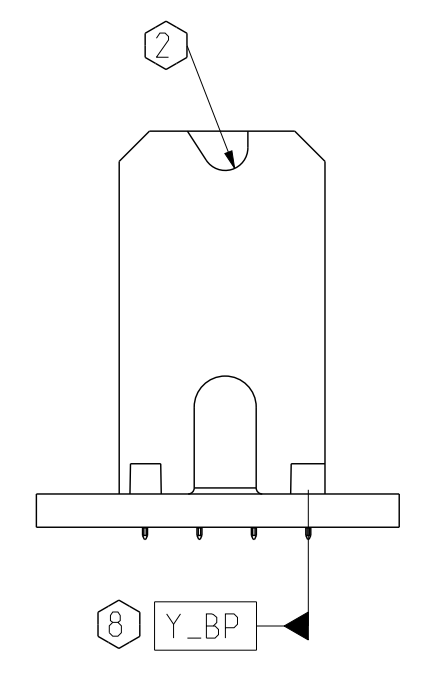
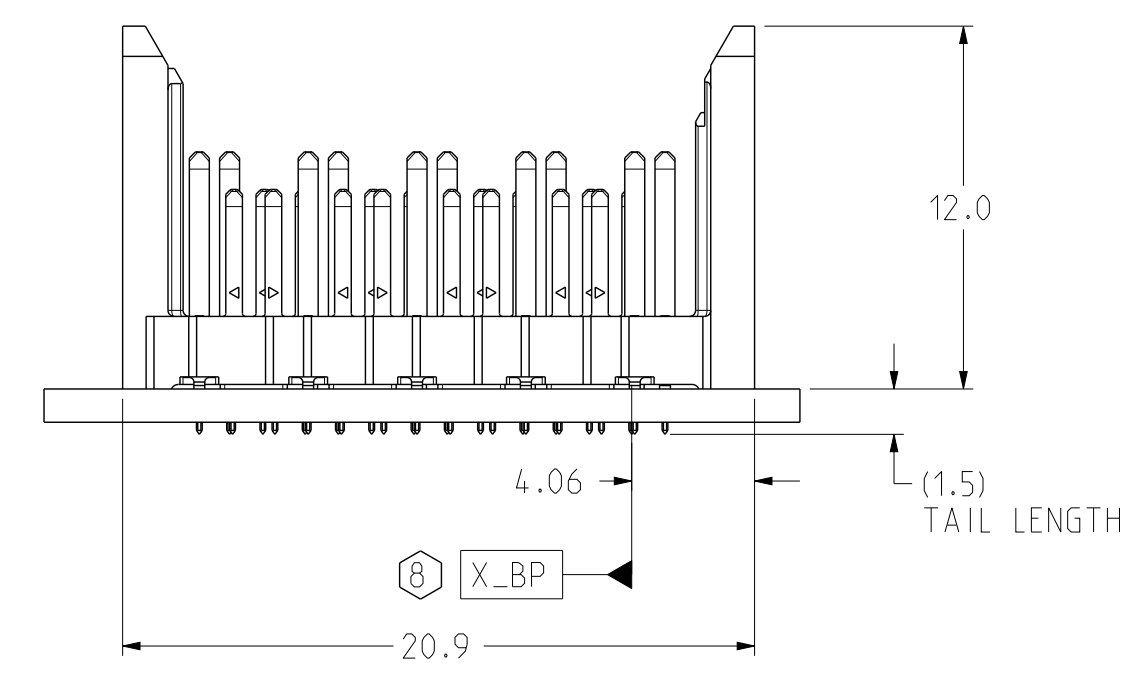


**BP HOLE PATTERN**  
COMPONENT SIDE  
SCALE 8/1

**OPEN BACKPLANE FOOTPRINT**



**SECTION Z-Z**

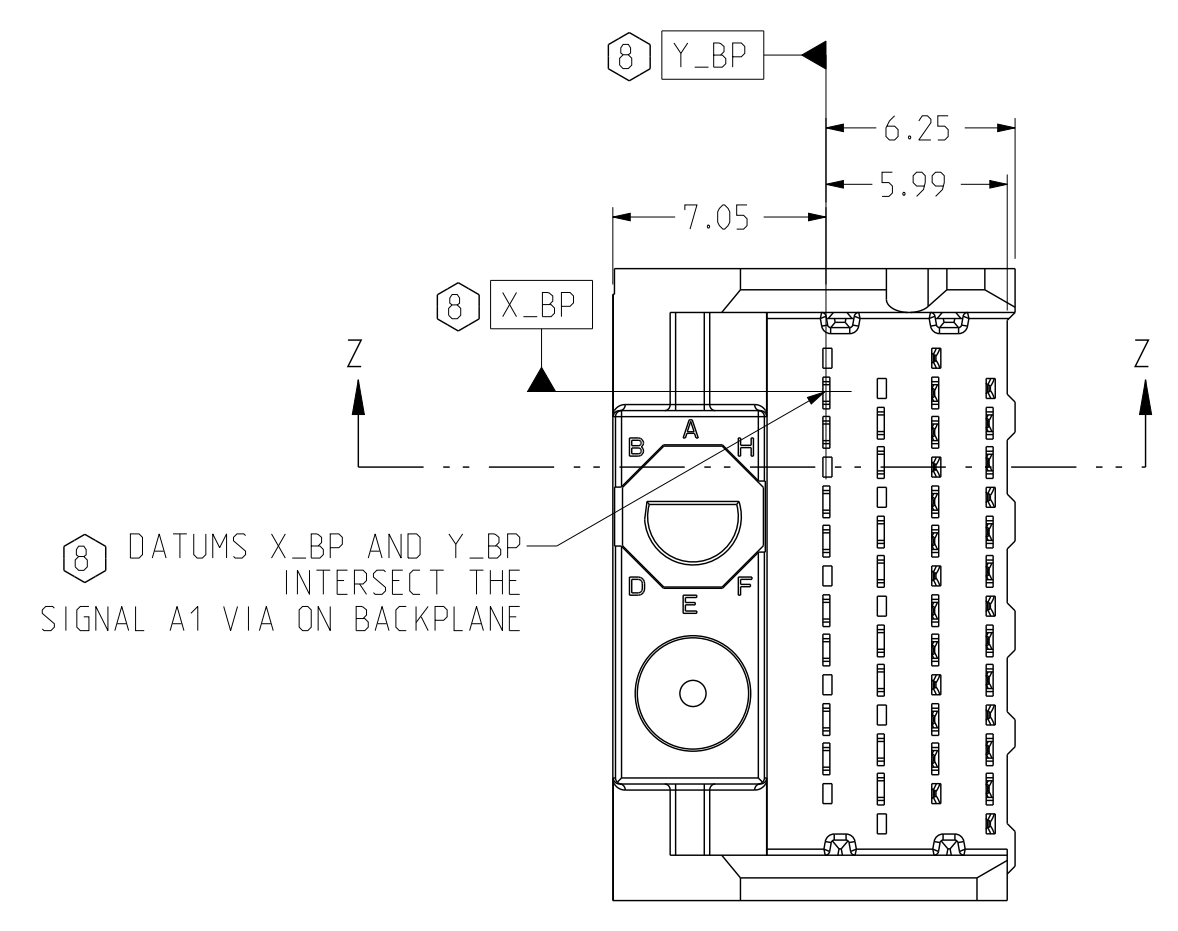


**ISOMETRIC VIEW**  
SCALE 3/1

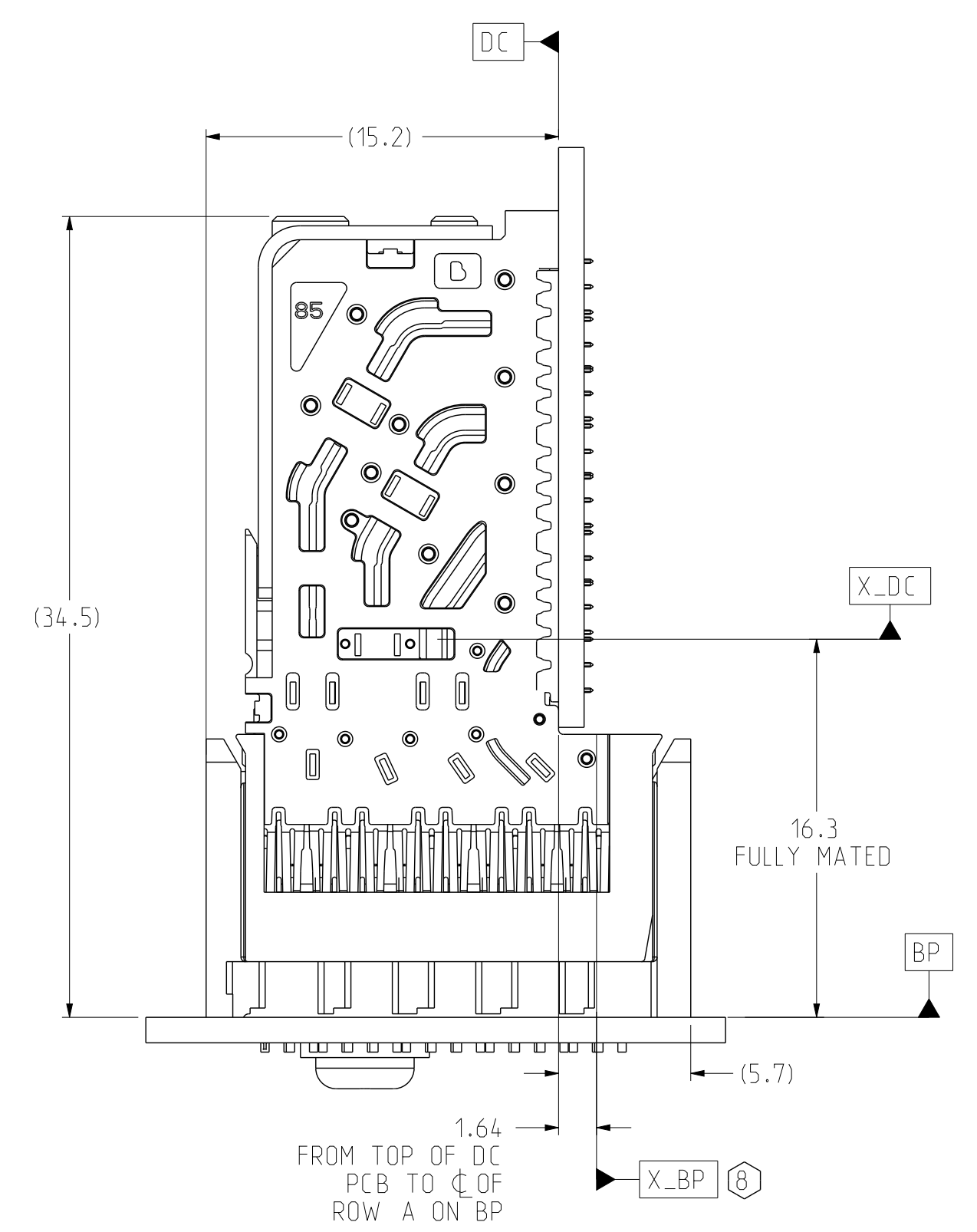
TOLERANCES		DESIGN 12/31/2014 M.HANRAHAN	<b>Amphenol TCS</b> A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03062 603.879.3000	TITLE	BACKPLANE MODULES, VERTICAL MALE HEADER X/E/68 HD PLUS, 4 PAIR 4 POS, THICK WALL WITH EXTRA GROUND			
0.0	±0.25	DRAWN 12/31/2014 HCL-MR		PART NO.	SEE PN TREE SHEET 1	REV N/A		
0.00	±0.13	CHK 12/31/2014 M.HANRAHAN		DRAWING NO.	C-926-401J-500	REV C		
0.000	±	APVD 12/31/2014 M.HANRAHAN		ASSEM C-926-401J-500_XG_	0.1	DRAWING C-926-401J-500_XG_	0.1	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD		INTERPRET PER ASME Y14.5M		CUSTOMER USE DRAWING		SIZE D	SCALE 1/1	SHEET 2 OF 9

INTERPRET PER ASME Y14.5M  
CODE IDENT 31413

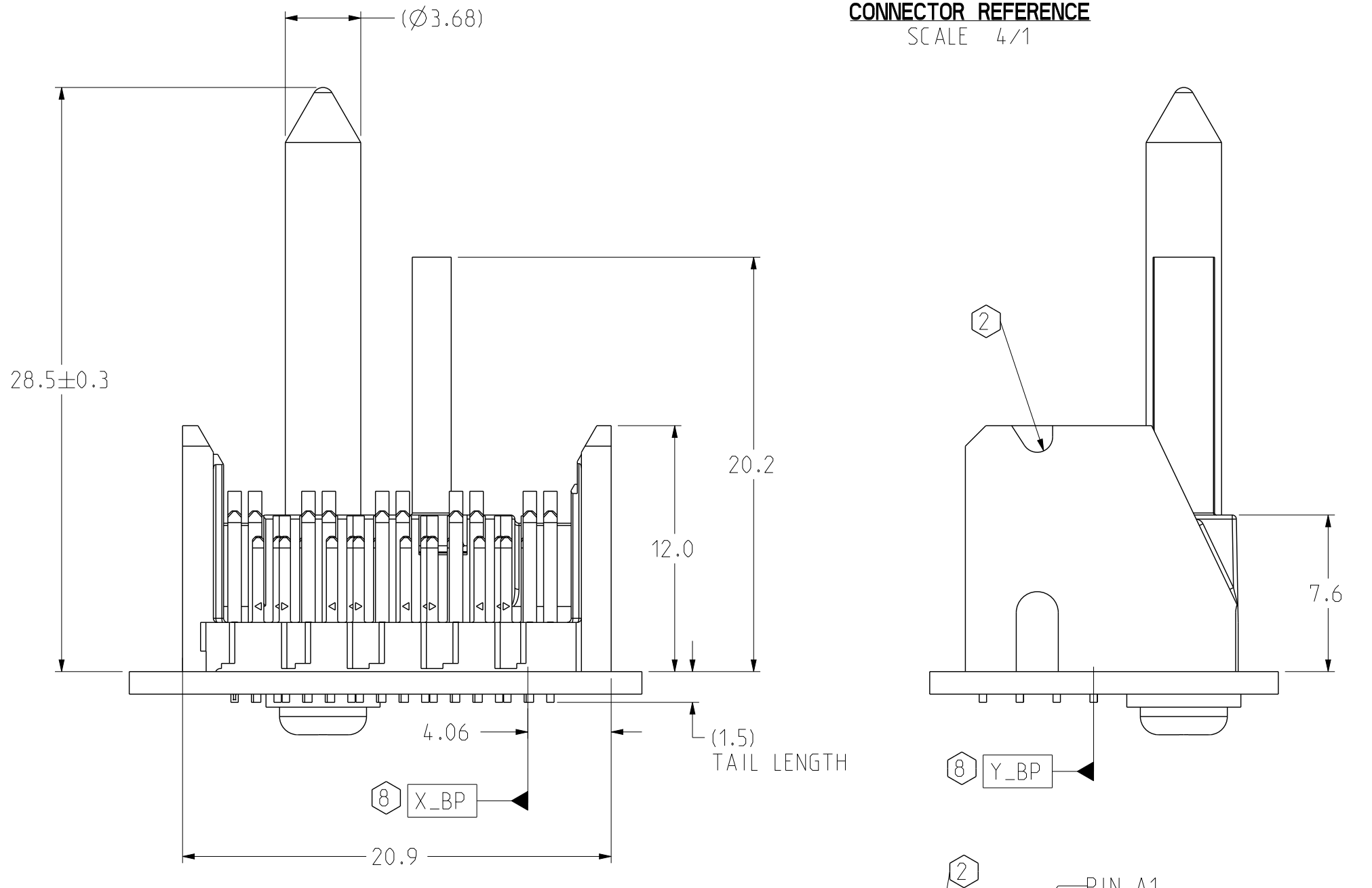
ZONE	REV	ECN	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



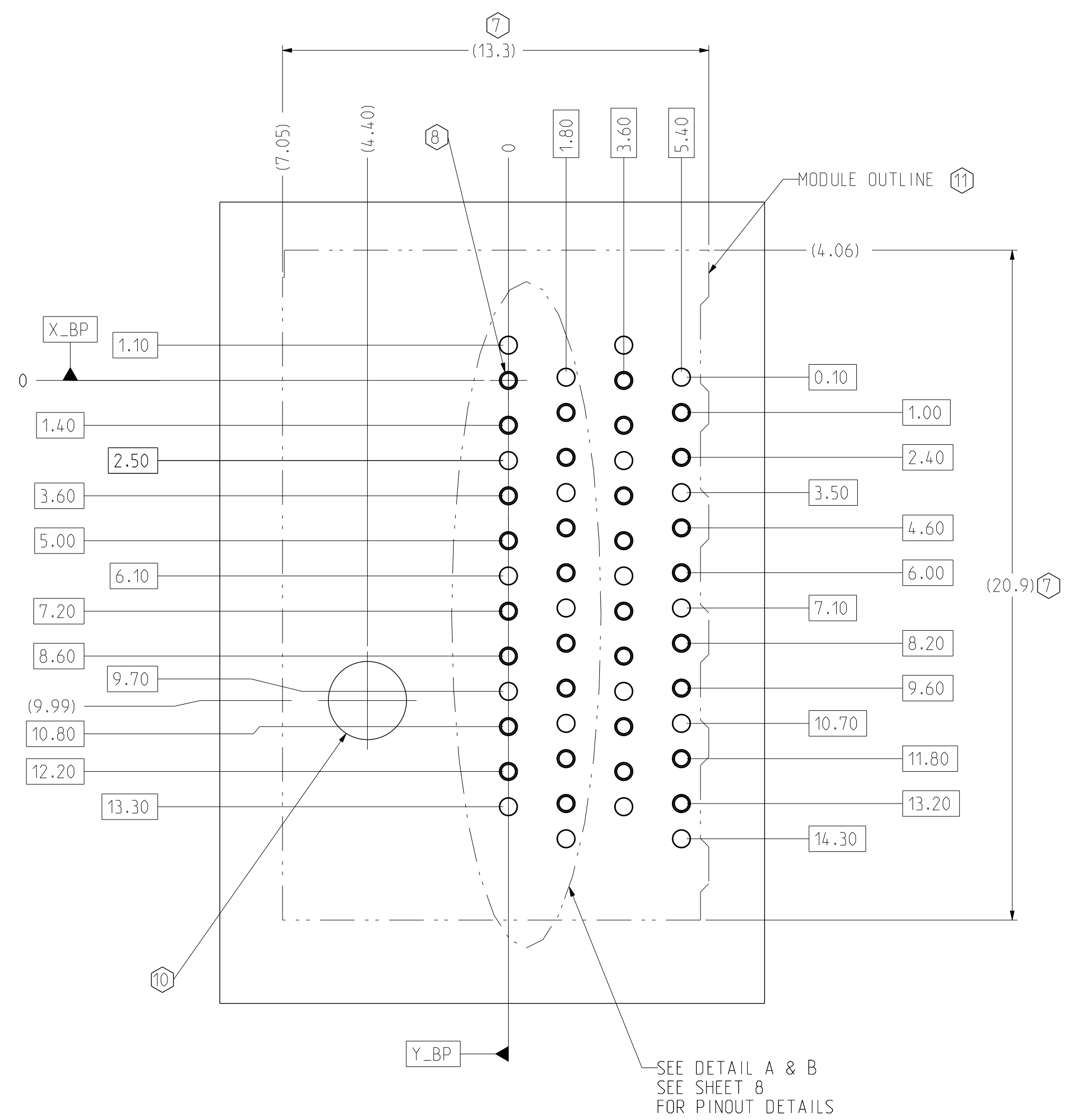
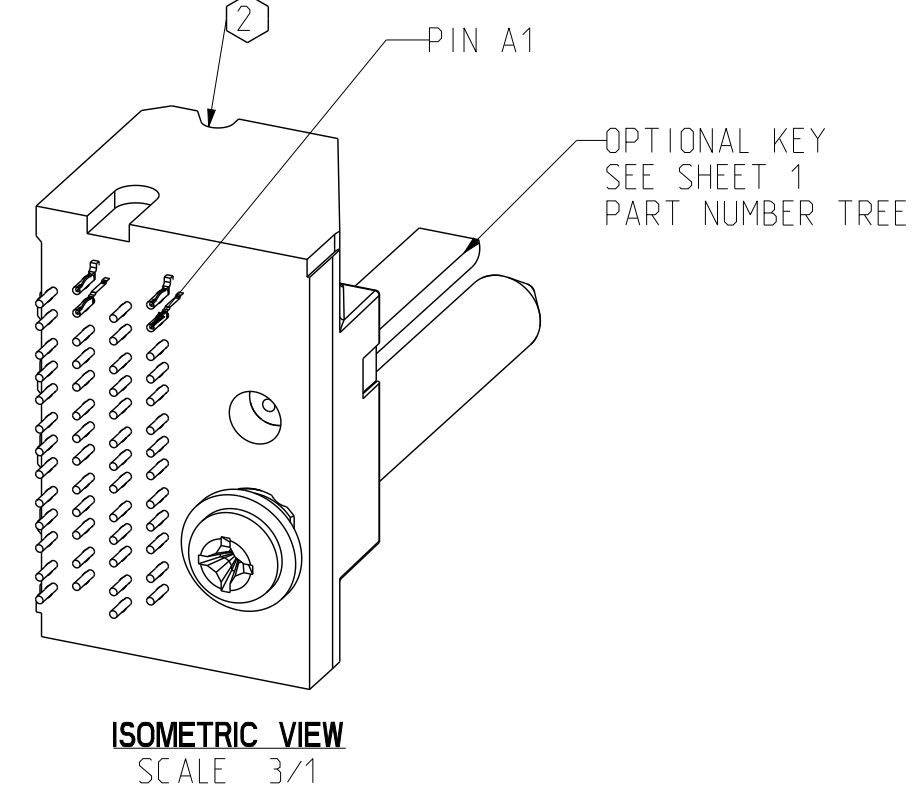
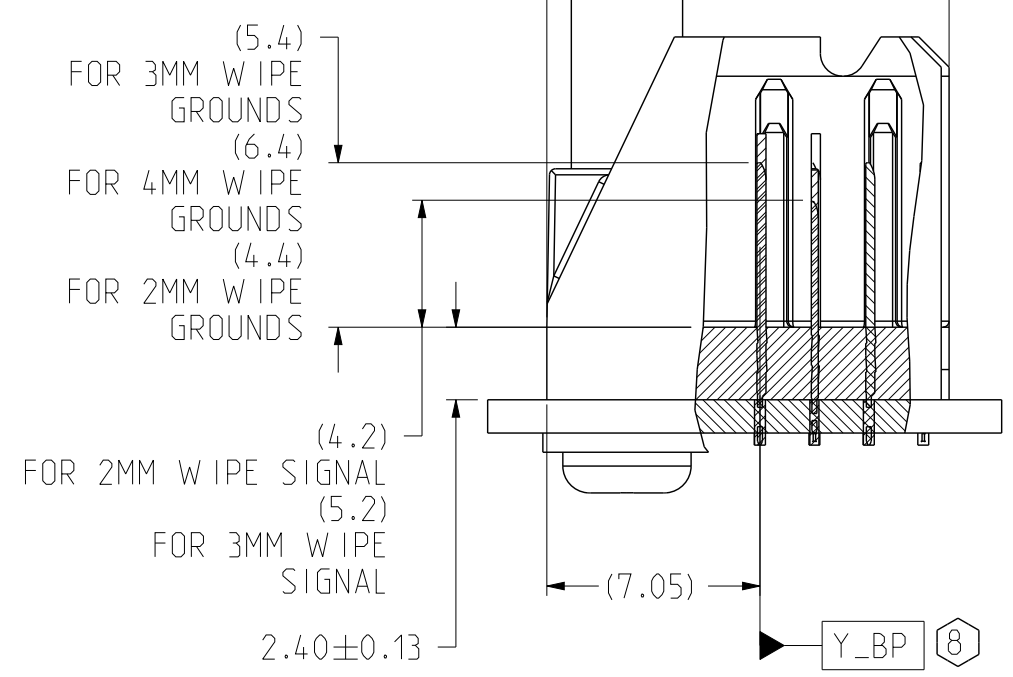
**LEFT POLARIZING/GUIDE BACKPLANE MODULE DIMENSION**



**CONNECTOR REFERENCE SCALE 4/1**



**SECTION Z-Z**

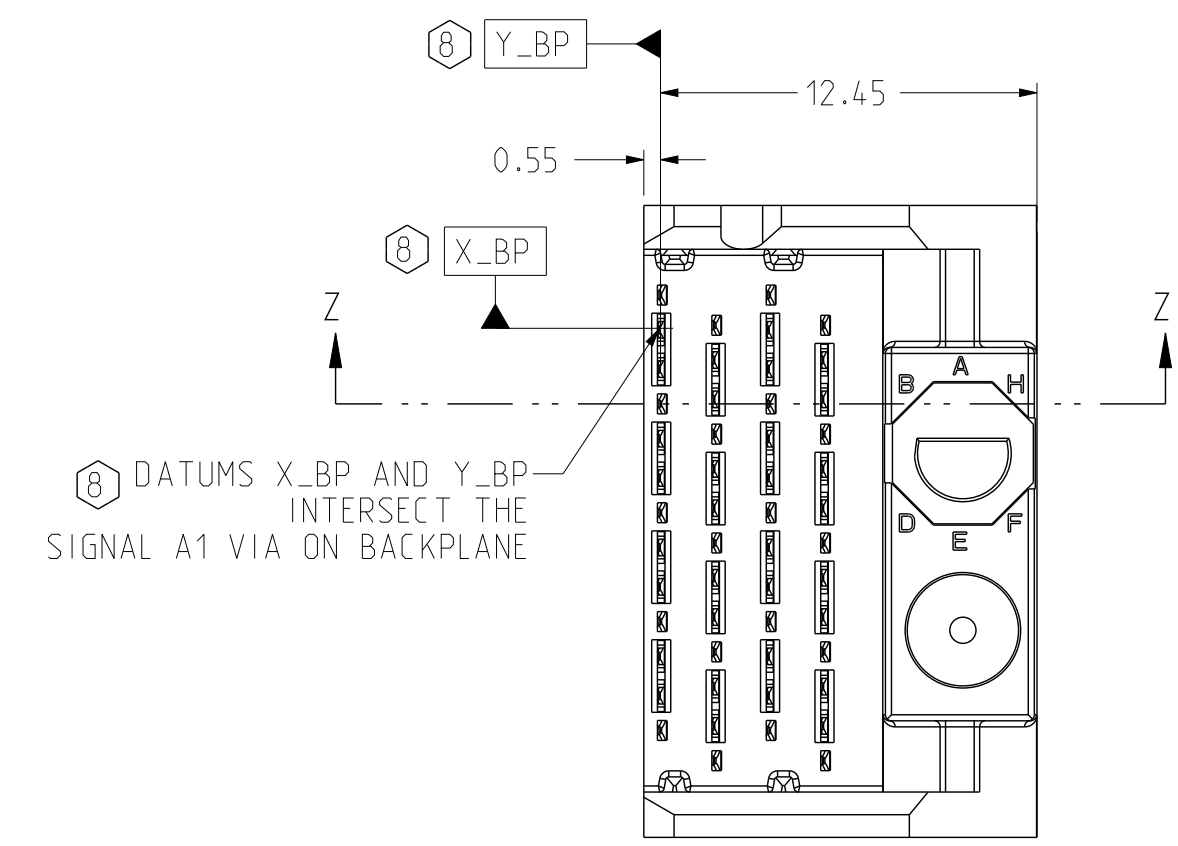


**LEFT POLARIZING/GUIDE BACKPLANE FOOTPRINT**

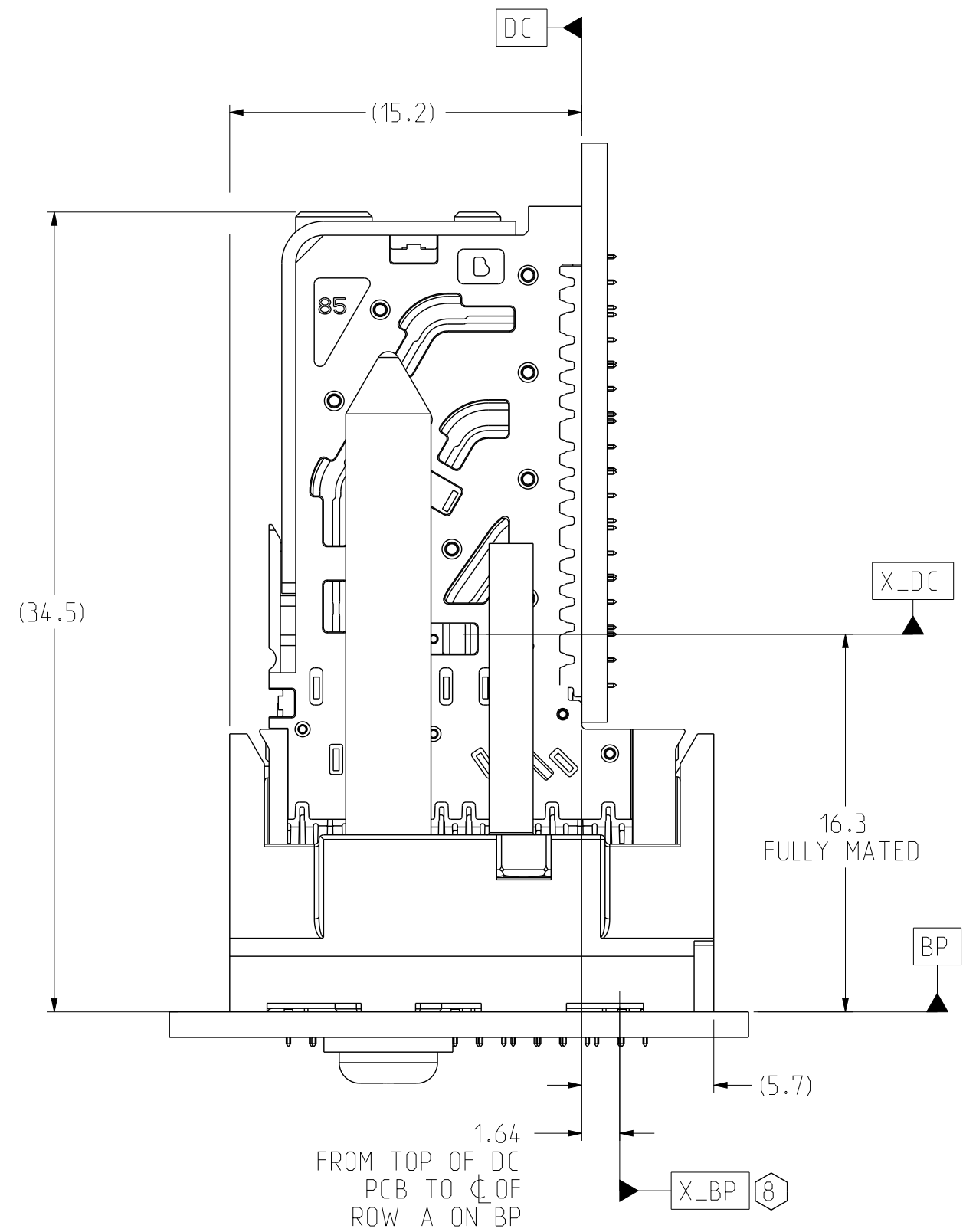
TOLERANCES		DESIGN 12/31/2014 M.HANRAHAN	<b>Amphenol TCS</b> A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03062 603.879.3000	
0.0	±0.25	DRAWN 12/31/2014 HCL-MR	TITLE BACKPLANE MODULES, VERTICAL MALE HEADER X/EHD HD PLUS, 4 PAIR 4 POS. THICK WALL WITH EXTRA GROUND	REV N/A
0.00	±0.13	CHK 12/31/2014 M.HANRAHAN	PART NO. SEE PN TREE SHEET 1	REV C
0.000	± -	APVD 12/31/2014 M.HANRAHAN	DRAWING NO. C-926-401J-500	ASSEM C926-401J-500_XG_ 0.1 DRAWING C926-401J-500_XG_ 0.7
ANGLES ± 3°		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD		
CODE IDENT 31413		CUSTOMER USE DRAWING		SIZE D SCALE 1/1 SHEET 3 OF 9

INTERPRET PER ASME Y14.5M  
 CODE IDENT 31413

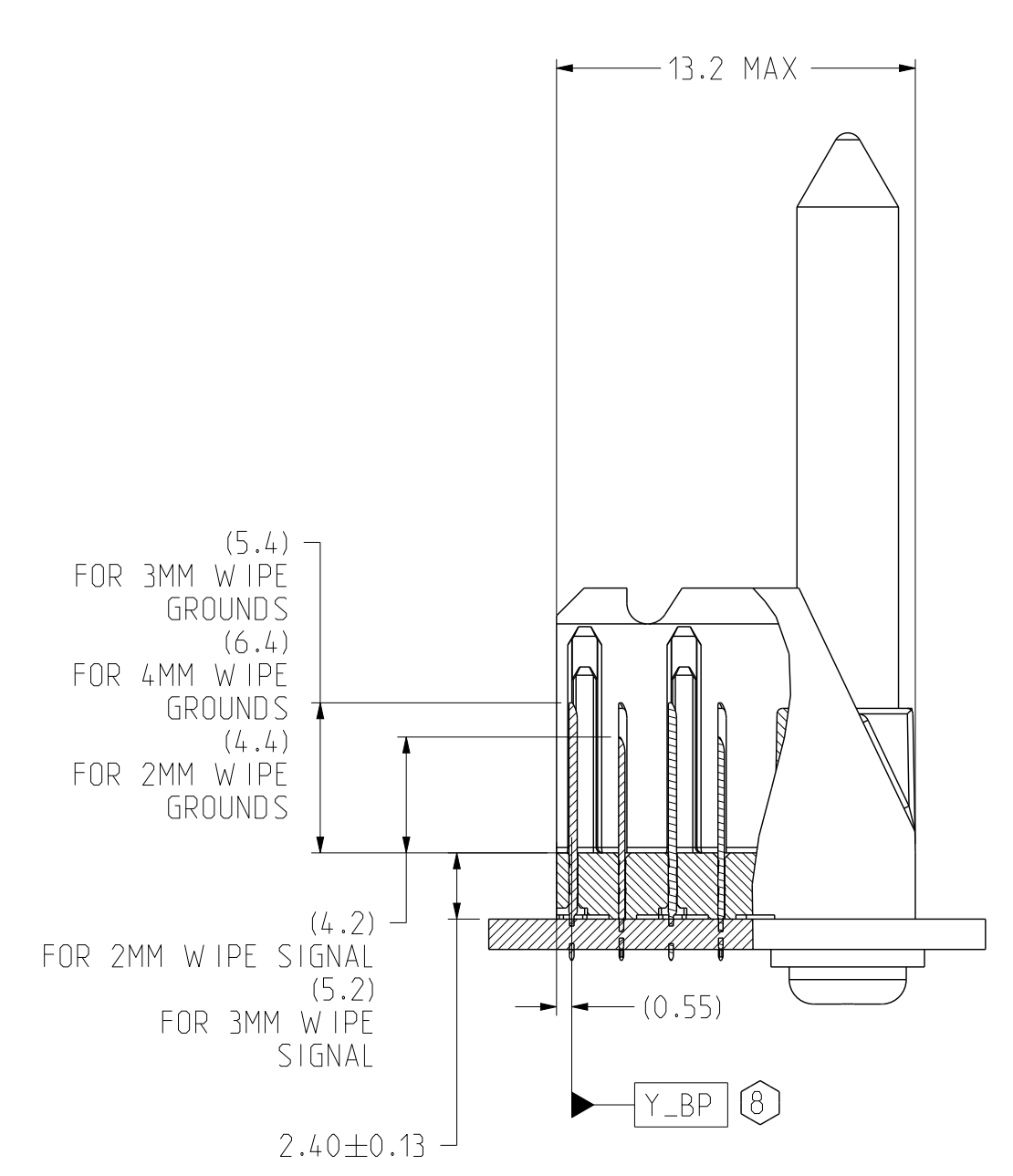
ZONE	REV	ECN	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



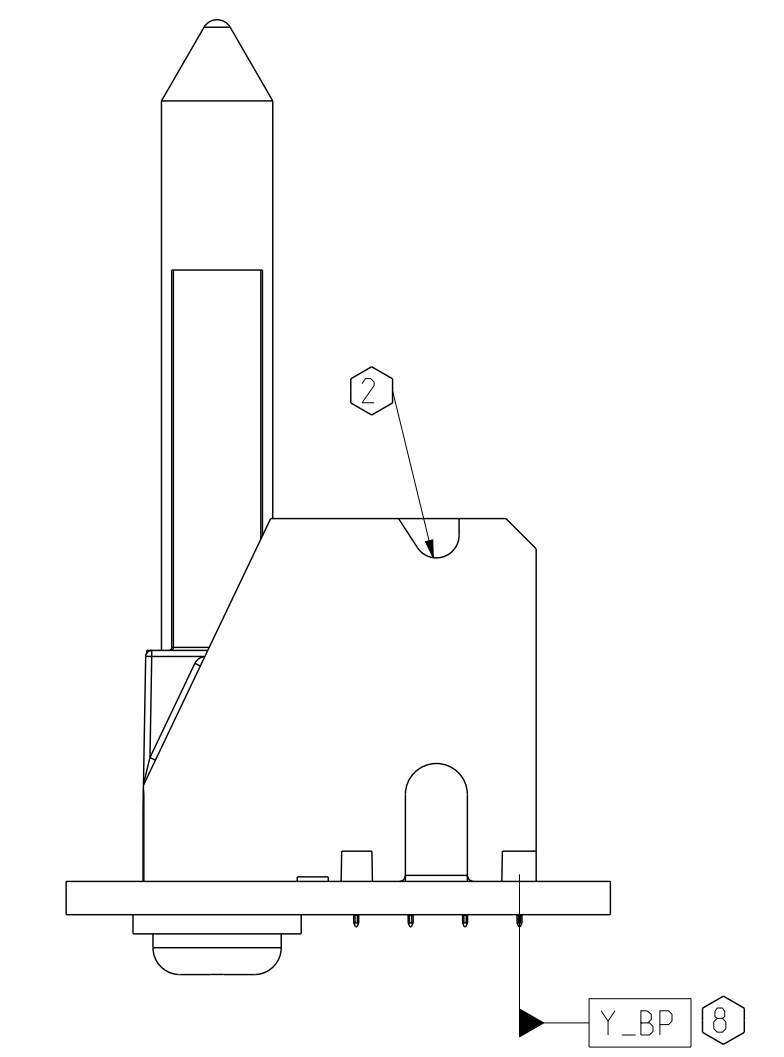
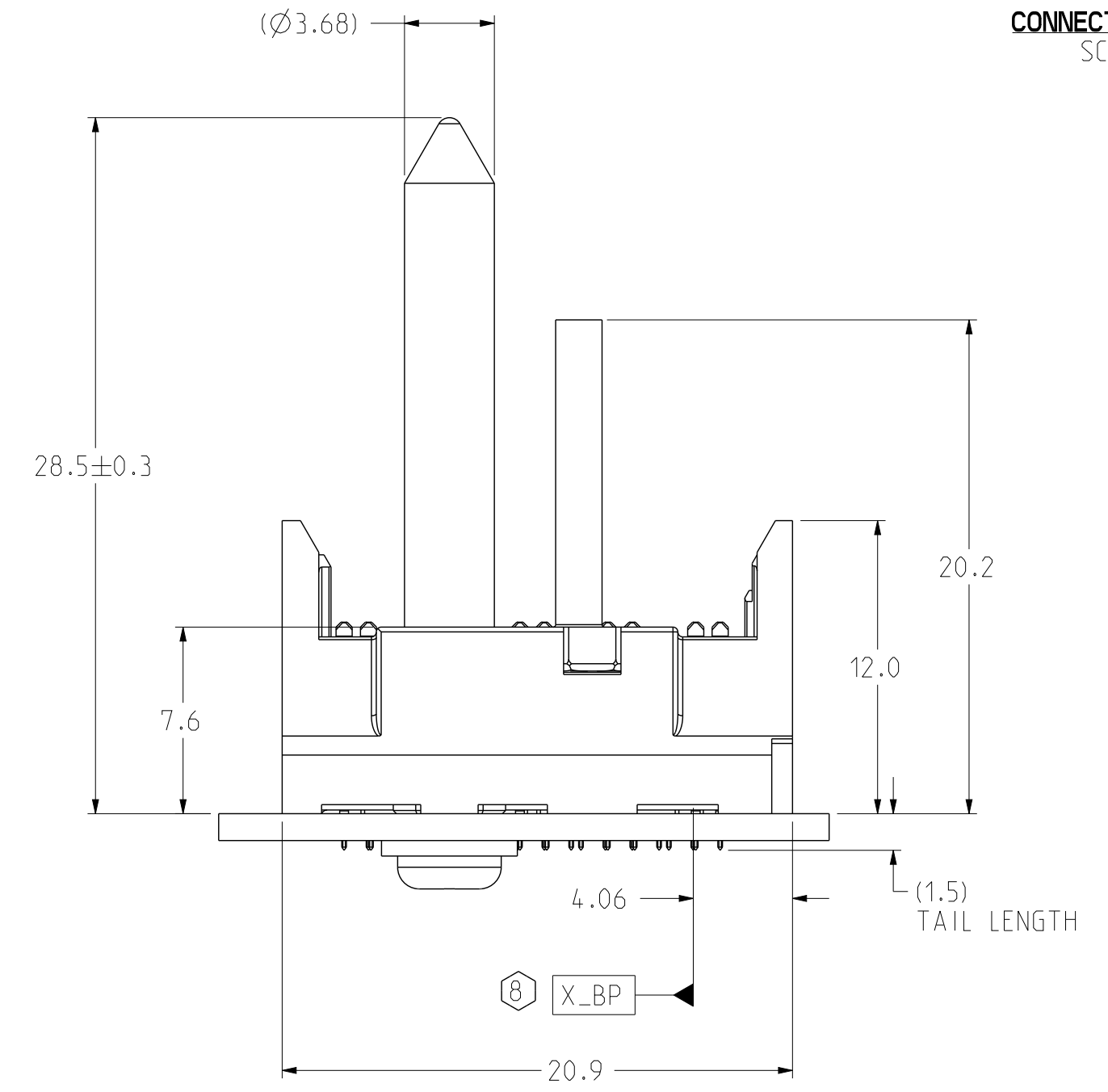
**RIGHT POLARIZING/GUIDE BACKPLANE MODULE DIMENSION**



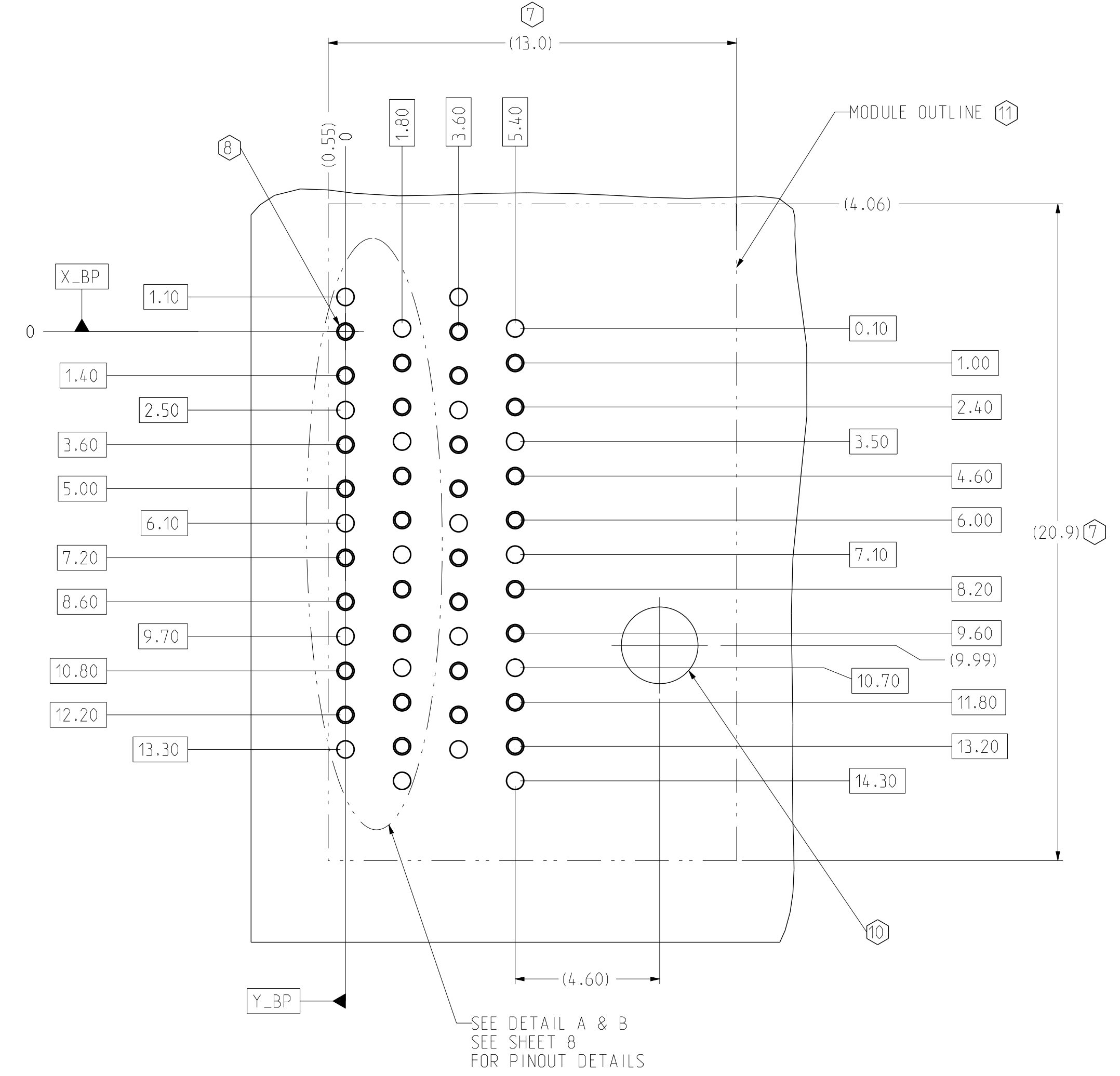
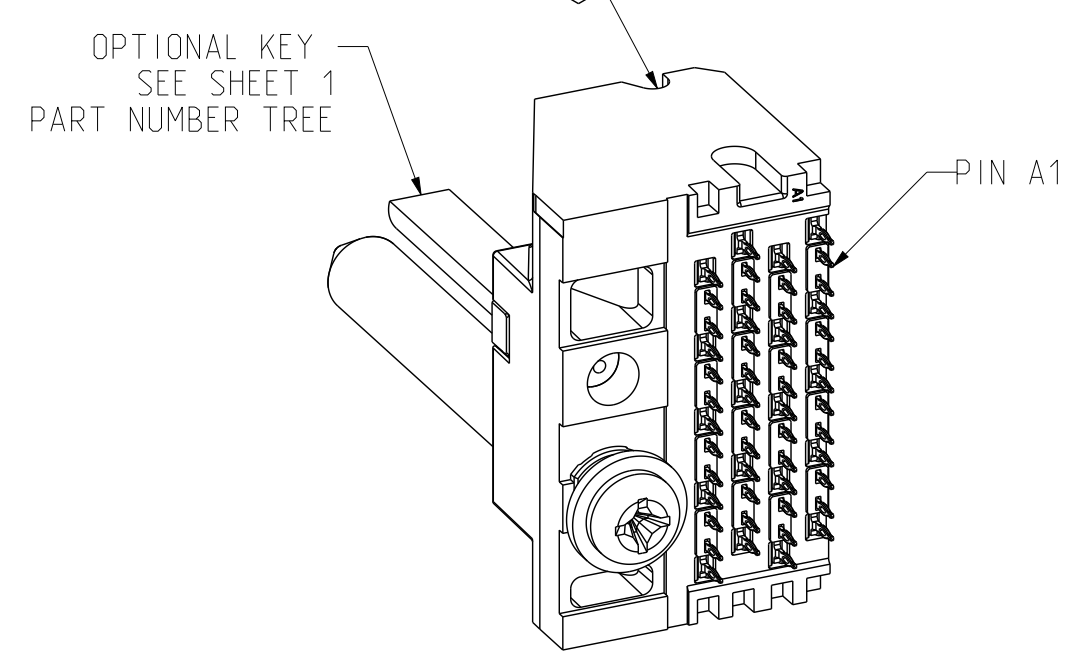
**CONNECTOR REFERENCE SCALE 4/1**



**SECTION Z-Z**



**ISOMETRIC VIEW SCALE 3/1**



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

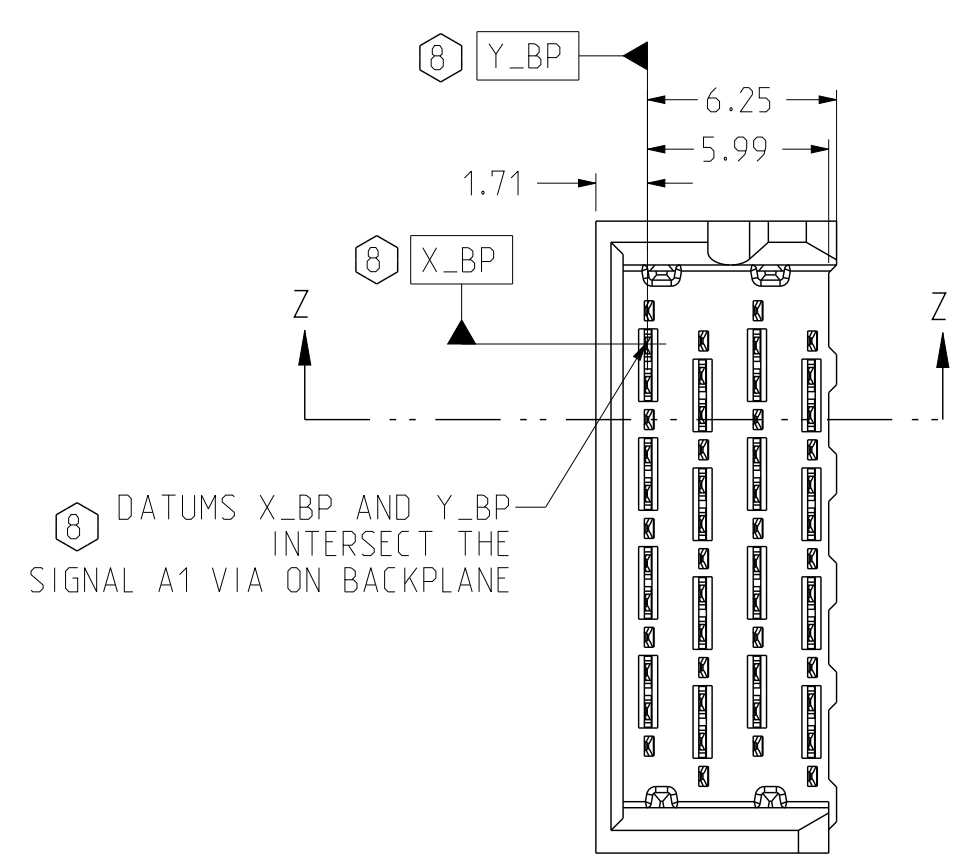
**RIGHT POLARIZING/GUIDE BACKPLANE FOOTPRINT**

TOLERANCES		DESIGN 12/31/2014	<b>Amphenol TCS</b>		
0.0	±0.25	M.HANRAHAN	A Division of Amphenol Corporation		
0.00	±0.13	HCL-MR	200 Innovative Way, Nashua, NH 03082 603.879.3000		
0.000	± -	M.HANRAHAN	TITLE BACKPLANE MODULES, VERTICAL MALE HEADER		
ANGLES	± 3°	M.HANRAHAN	X/E/HD PLUS, 4 PAIR 4 POS, THICK WALL WITH EXTRA GROUND		
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-926-401J-500	C	
			ASSEM C926-401J-500_XG_	0.1	
			DRAWING C926-401J-500_XG_	0.7	
SIZE	D	SCALE	1/1	SHEET	4 OF 9

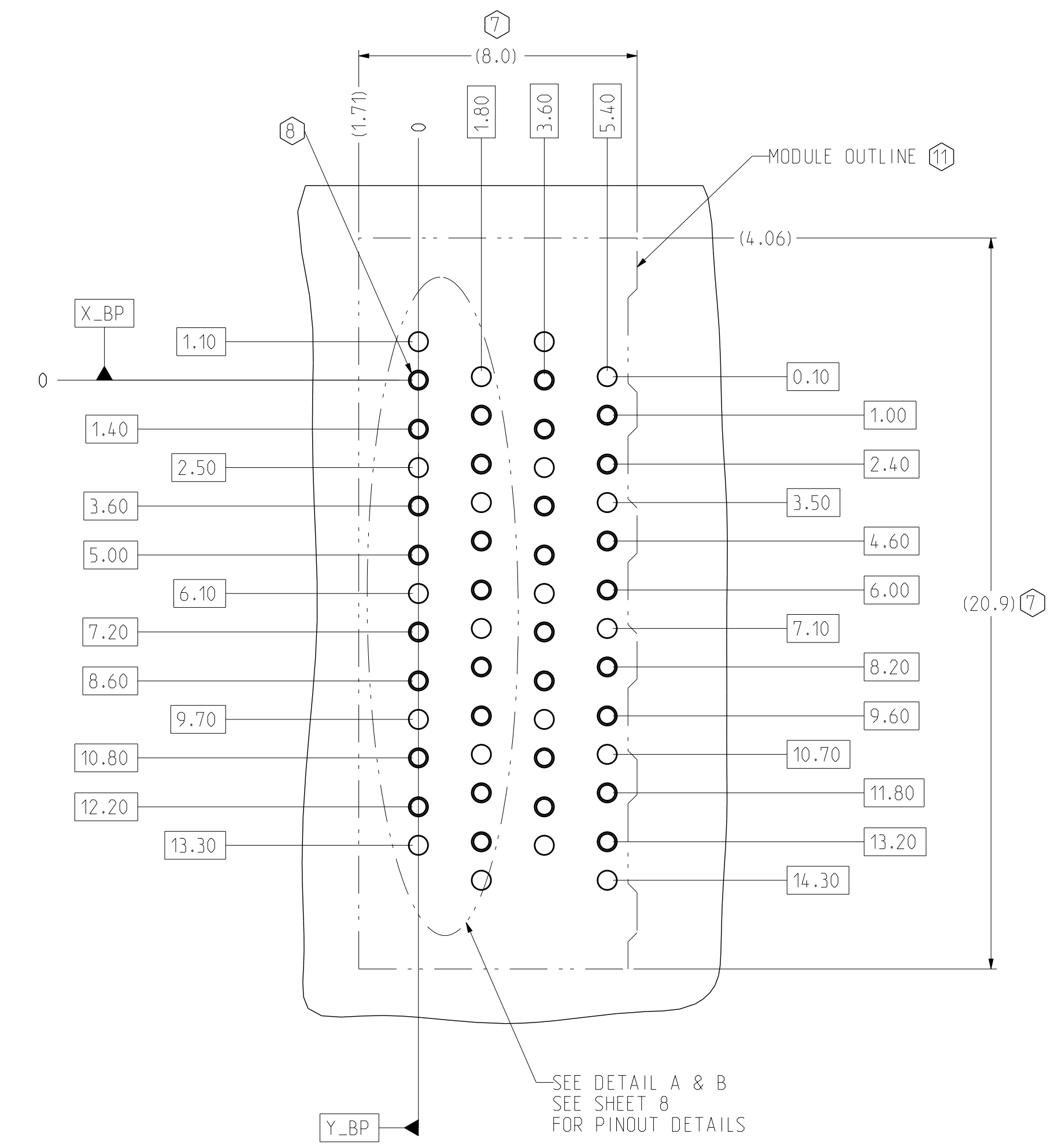
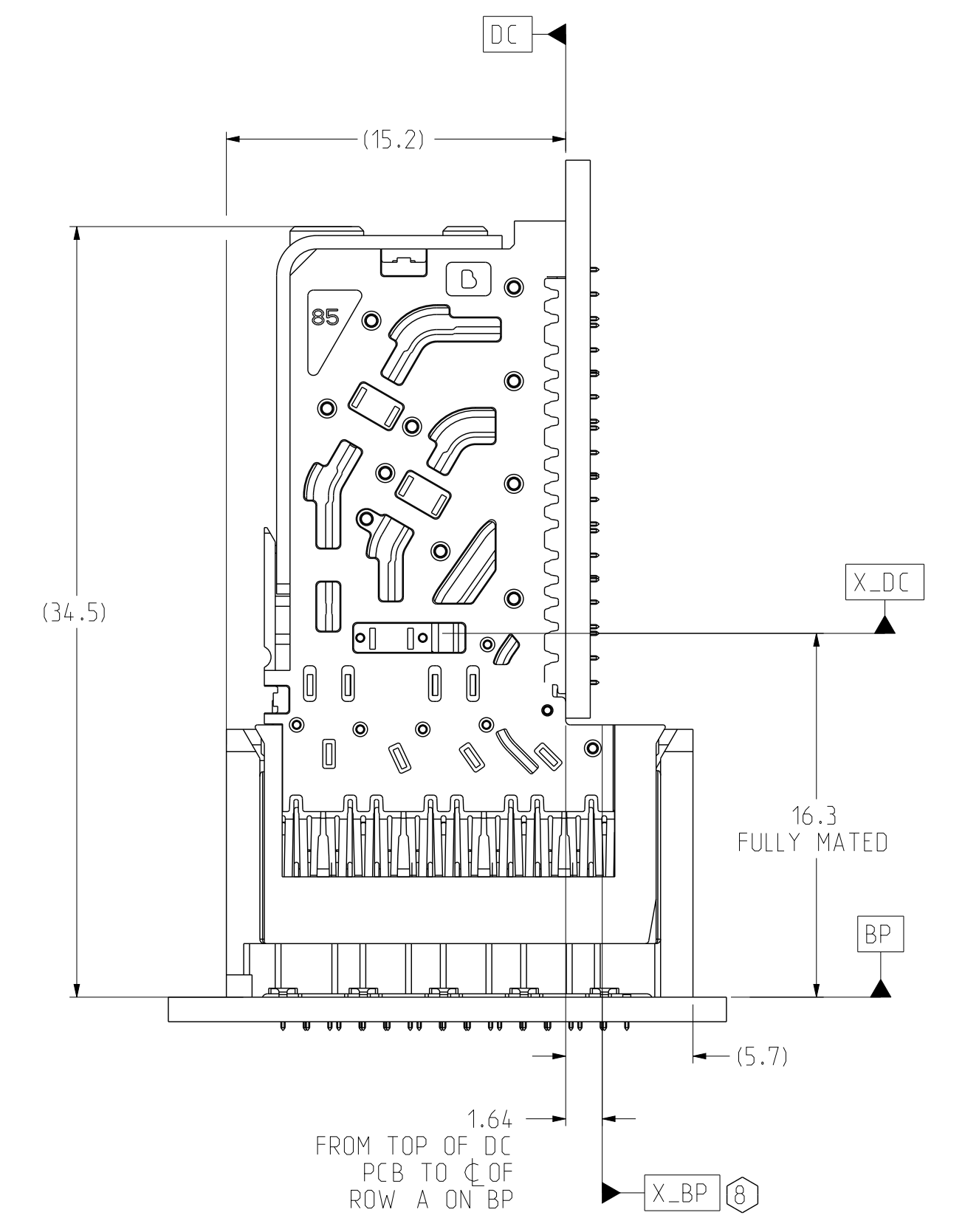
INTERPRET PER ASME Y14.5M  
CODE IDENT 31413

**CUSTOMER USE DRAWING**

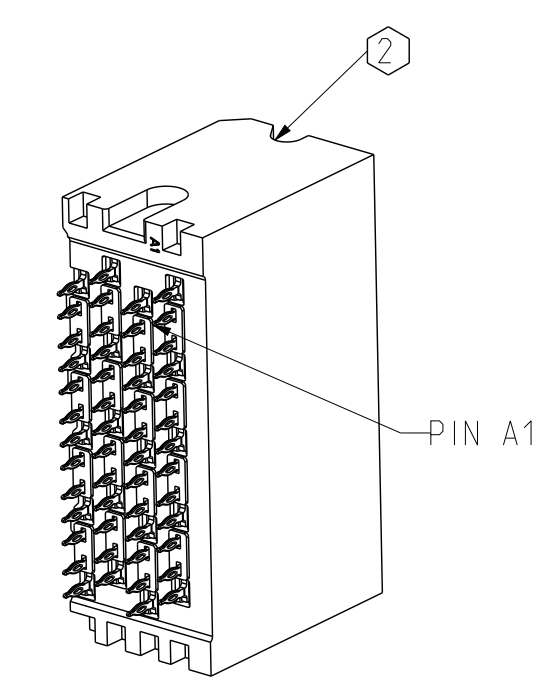
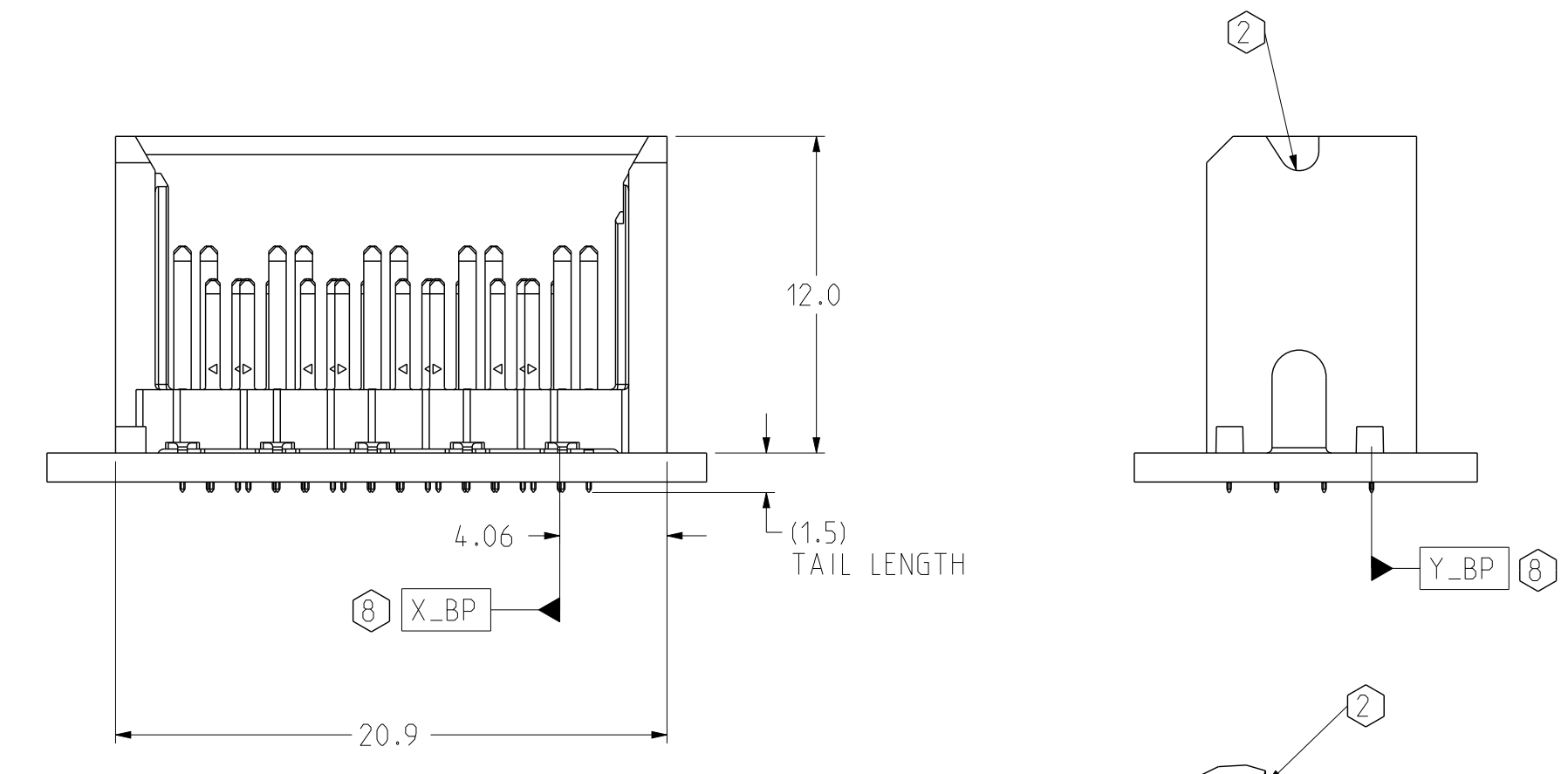
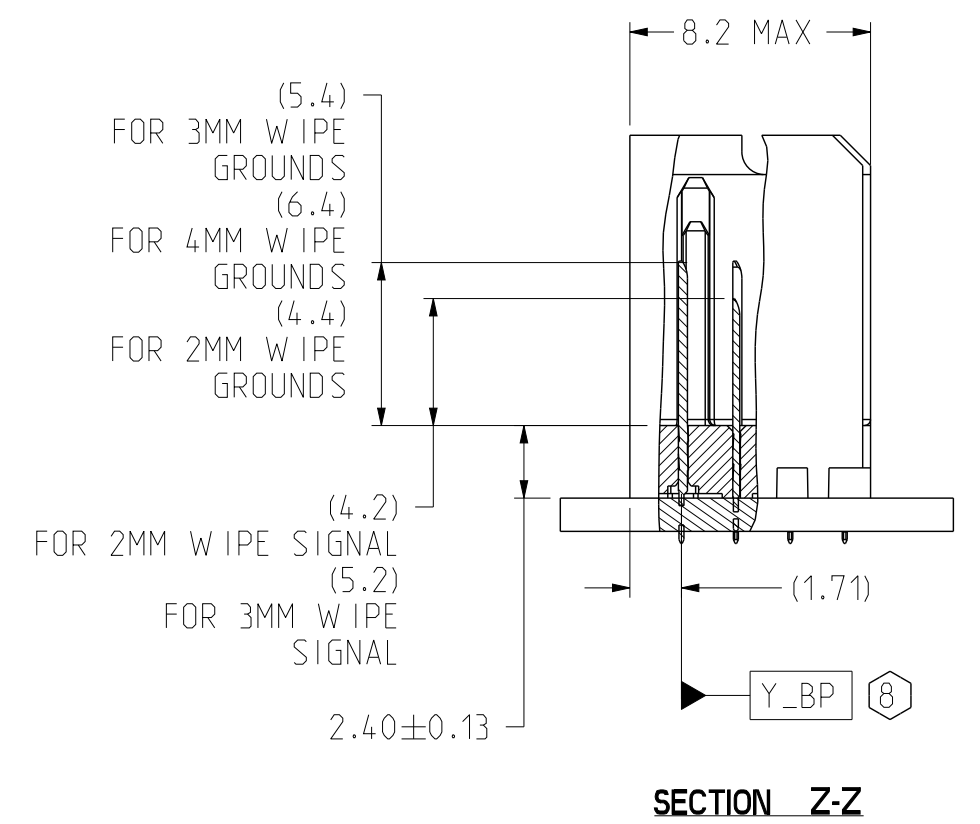
DRW NO.	C-926-401J-500	SH	5	REV	C	
ZONE	REV	ECN	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



**LEFT WALL BACKPLANE MODULE DIMENSION**



**LEFT WALL BACKPLANE FOOTPRINT**

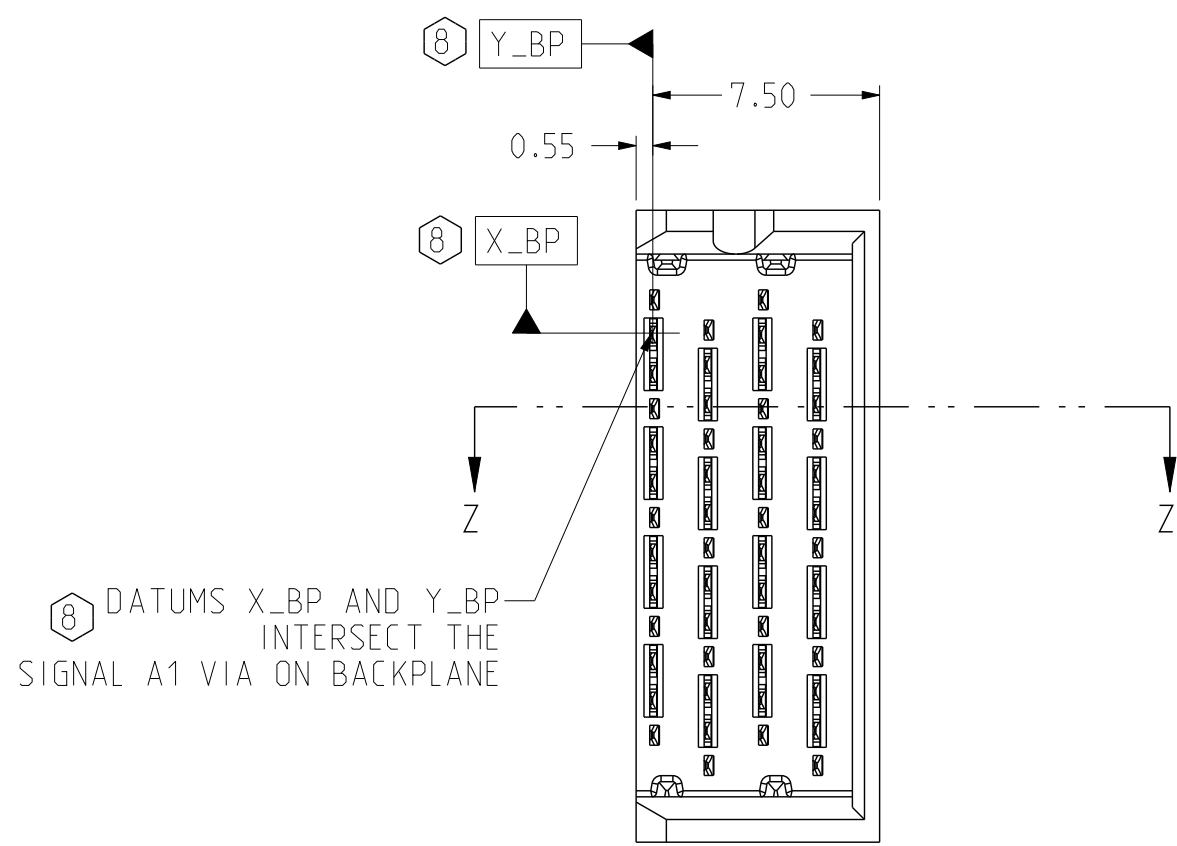


TOLERANCES		DESIGN 12/31/2014 M.HANRAHAN	<b>Amphenol TCS</b> A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03062 603.879.3000	TITLE	BACKPLANE MODULES, VERTICAL MALE HEADER X#868 HD PLUS, 4 PAIR 4 POS, THICK WALL WITH EXTRA GROUND	
0.0	±0.25	DRAWN 12/31/2014 HCL-MR		PART NO.	SEE PN TREE SHEET 1	REV N/A
0.00	±0.13	CHK 12/31/2014 M.HANRAHAN		DRAWING NO.	C-926-401J-500	REV C
0.000	± -	APVD 12/31/2014 M.HANRAHAN		ASSEM C926-401J-500_XG_	0.1	DRAWING C926-401J-500_XG_
ANGLES ± 3°		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD		SIZE D	SCALE 1/1	SHEET 5 OF 9

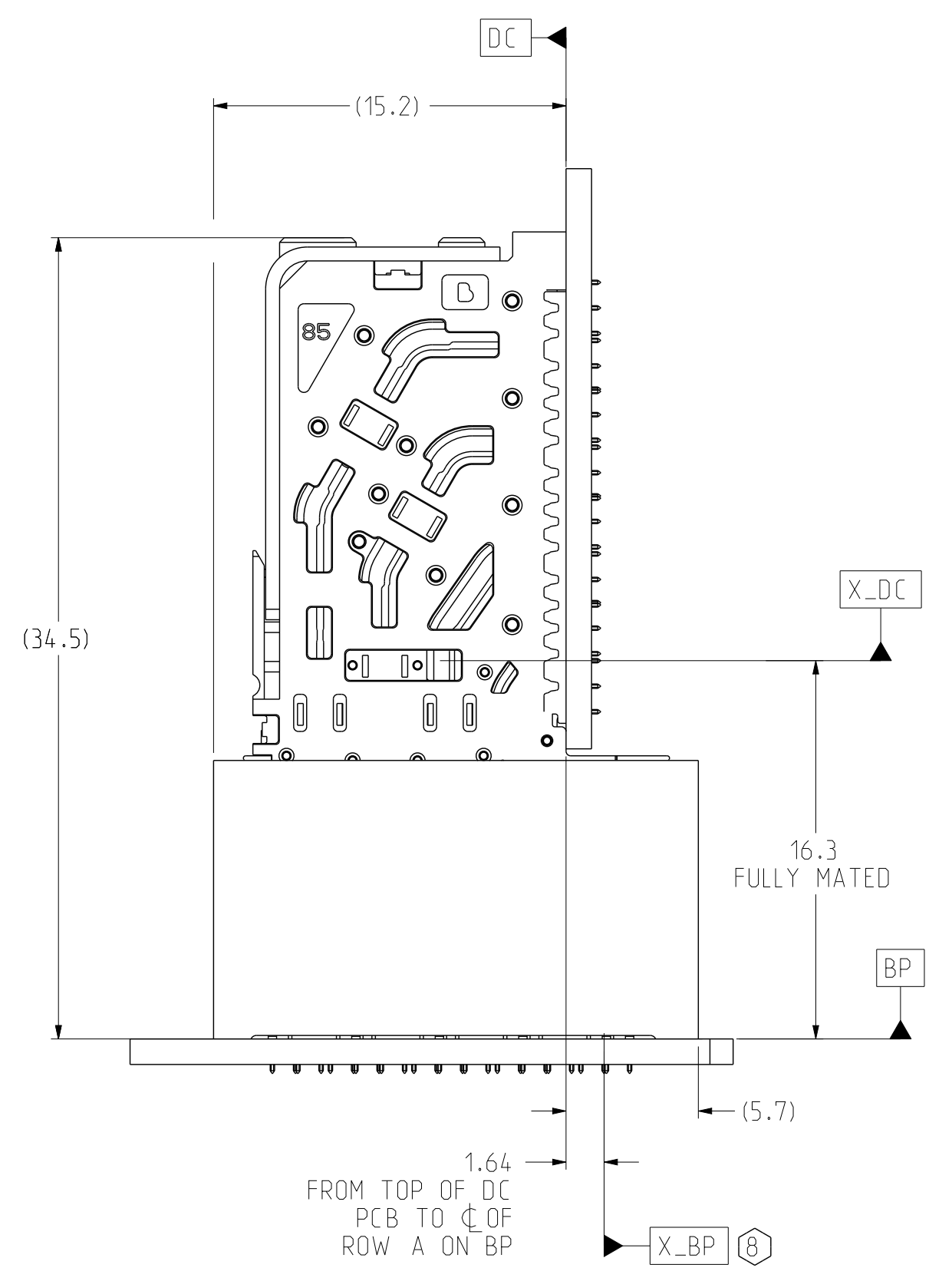
INTERPRET PER ASME Y14.5M  
CODE IDENT 31413

CUSTOMER USE  
DRAWING

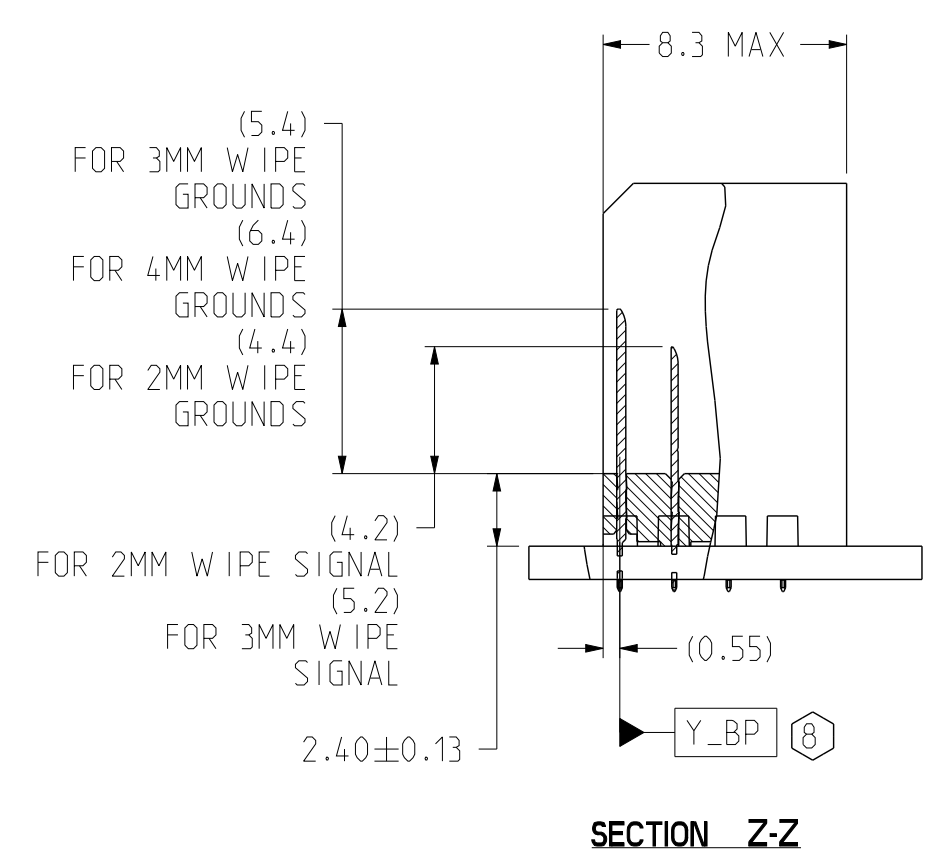
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ZONE	REV	ECN	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



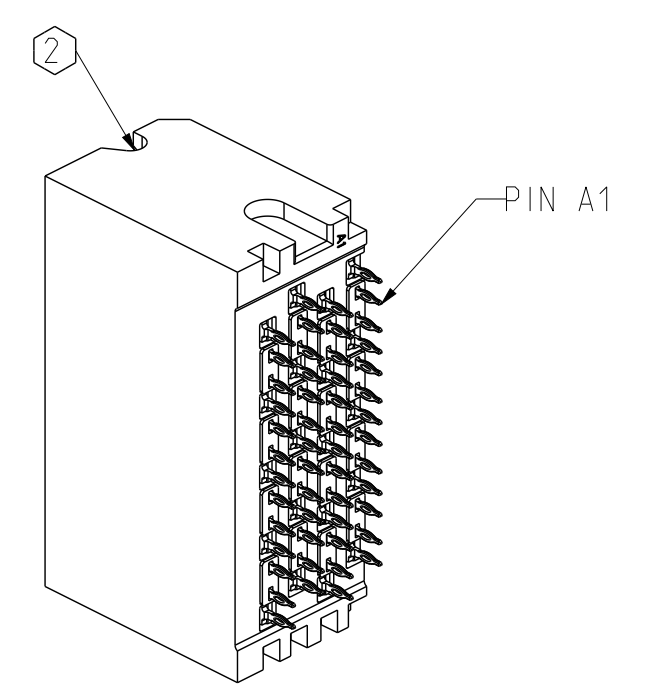
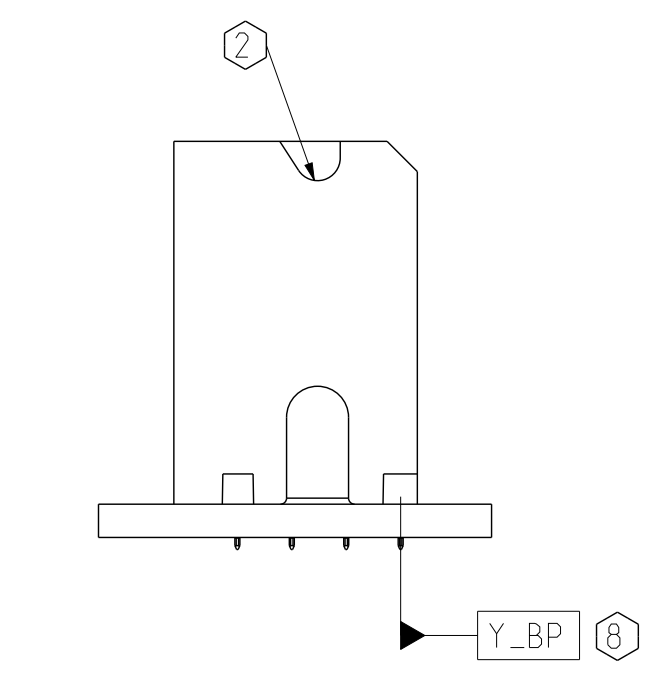
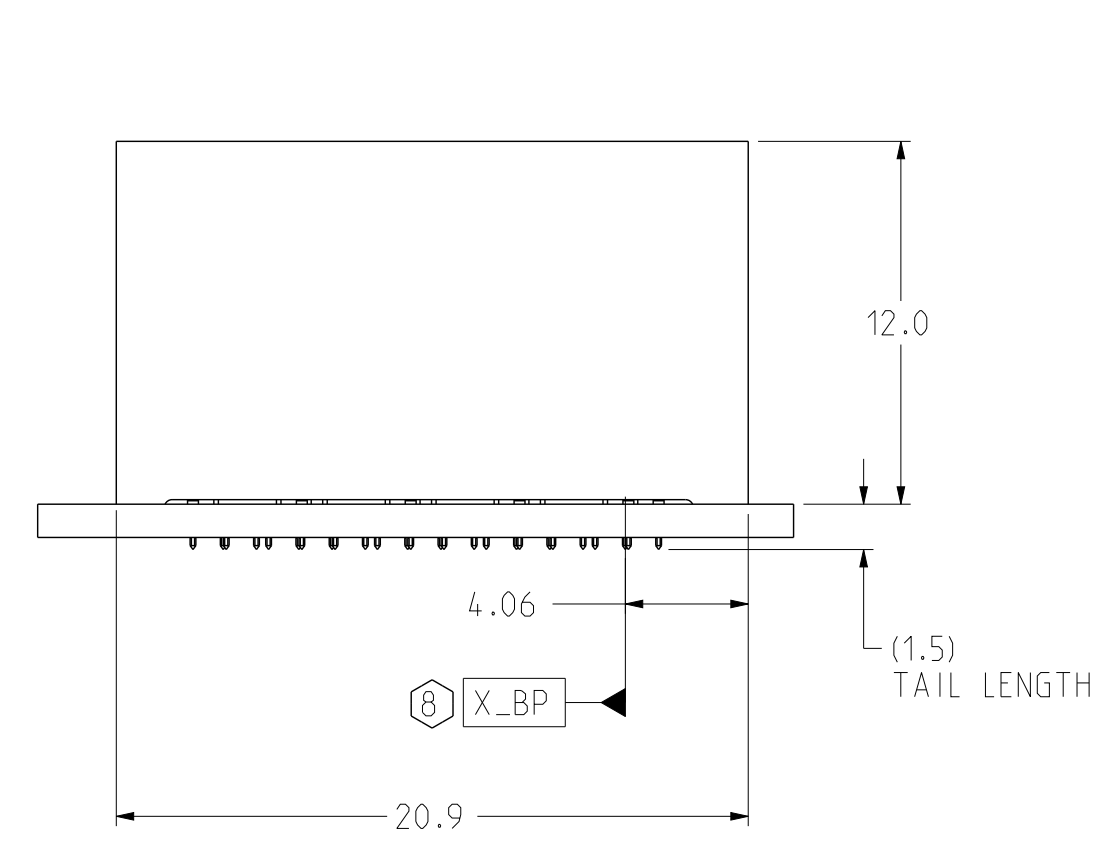
**RIGHT WALL BACKPLANE MODULE DIMENSION**



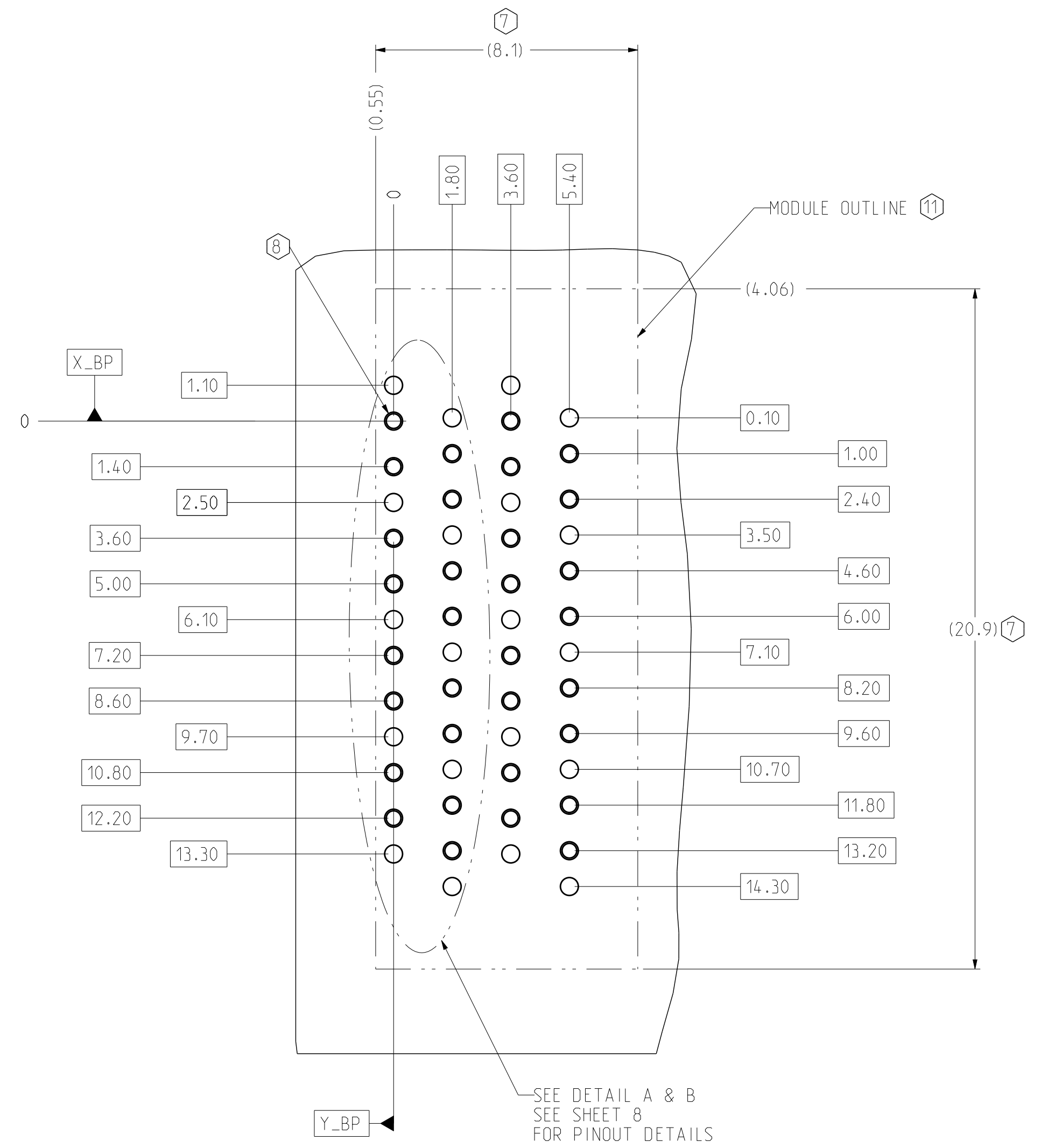
**CONNECTOR REFERENCE**  
SCALE 4/1



**SECTION Z-Z**



**ISOMETRIC VIEW**  
SCALE 3/1



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

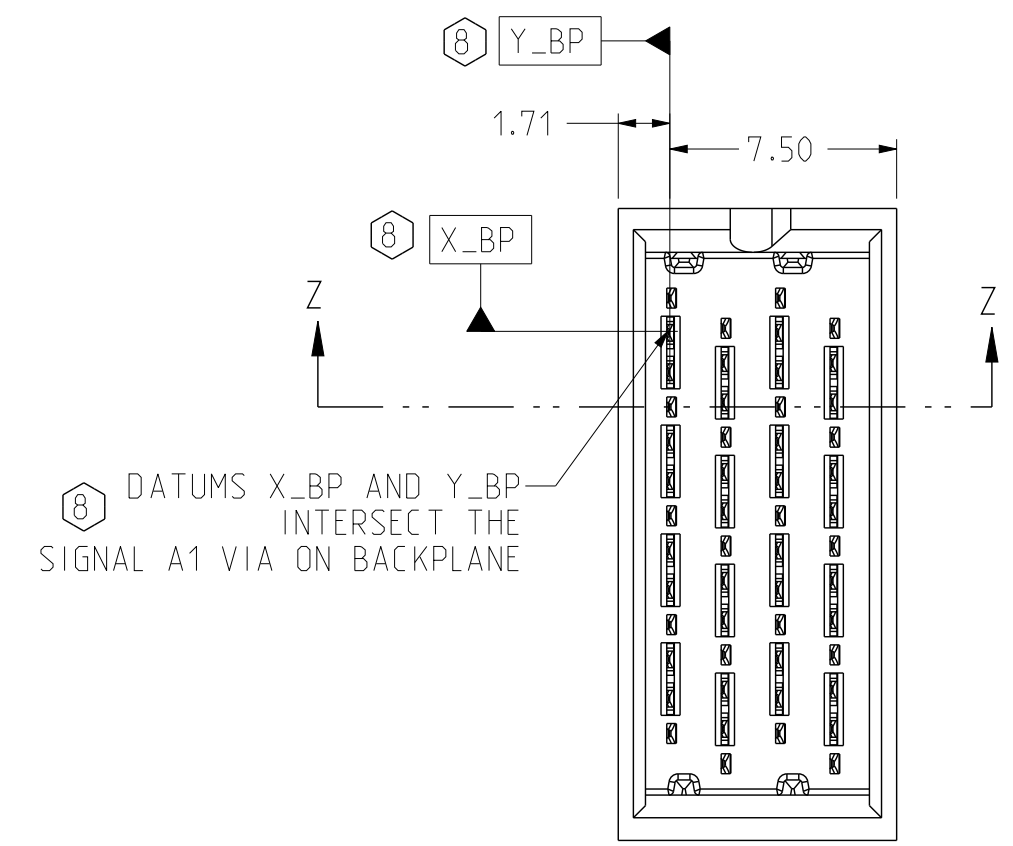
**RIGHT WALL BACKPLANE FOOTPRINT**

TOLERANCES		DESIGN 12/31/2014 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 XESIDE HD PLUS, 4 PAIR 4 POS, THICK WALL WITH EXTRA GROUND	
0.0	±0.25	DRAWN 12/31/2014 HCL-MR		PART NO.	SEE PN TREE SHEET 1	REV N/A
0.00	±0.13	CHK 12/31/2014 M.HANRAHAN		DRAWING NO.	C-926-401J-500	REV C
0.000	±	APVD 12/31/2014 M.HANRAHAN		ASSEM C926-401J-500_XG_	0.1	DRAWING C926-401J-500_XG_
ANGLES ± 3°		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD.		SIZE D	SCALE 1/1	SHEET 6 OF 9

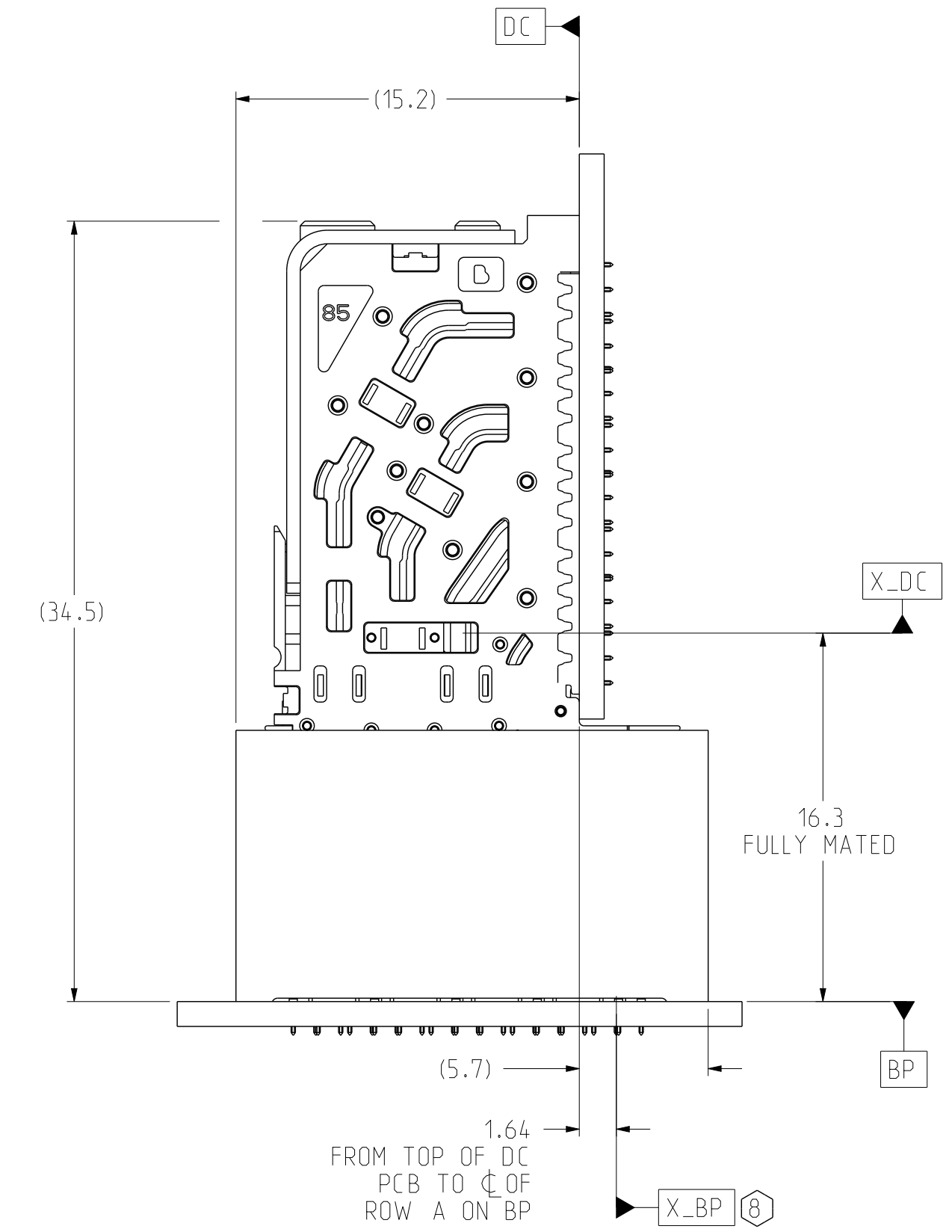
INTERPRET PER ASME Y14.5M  
CODE IDENT 31413

**CUSTOMER USE**  
**DRAWING**

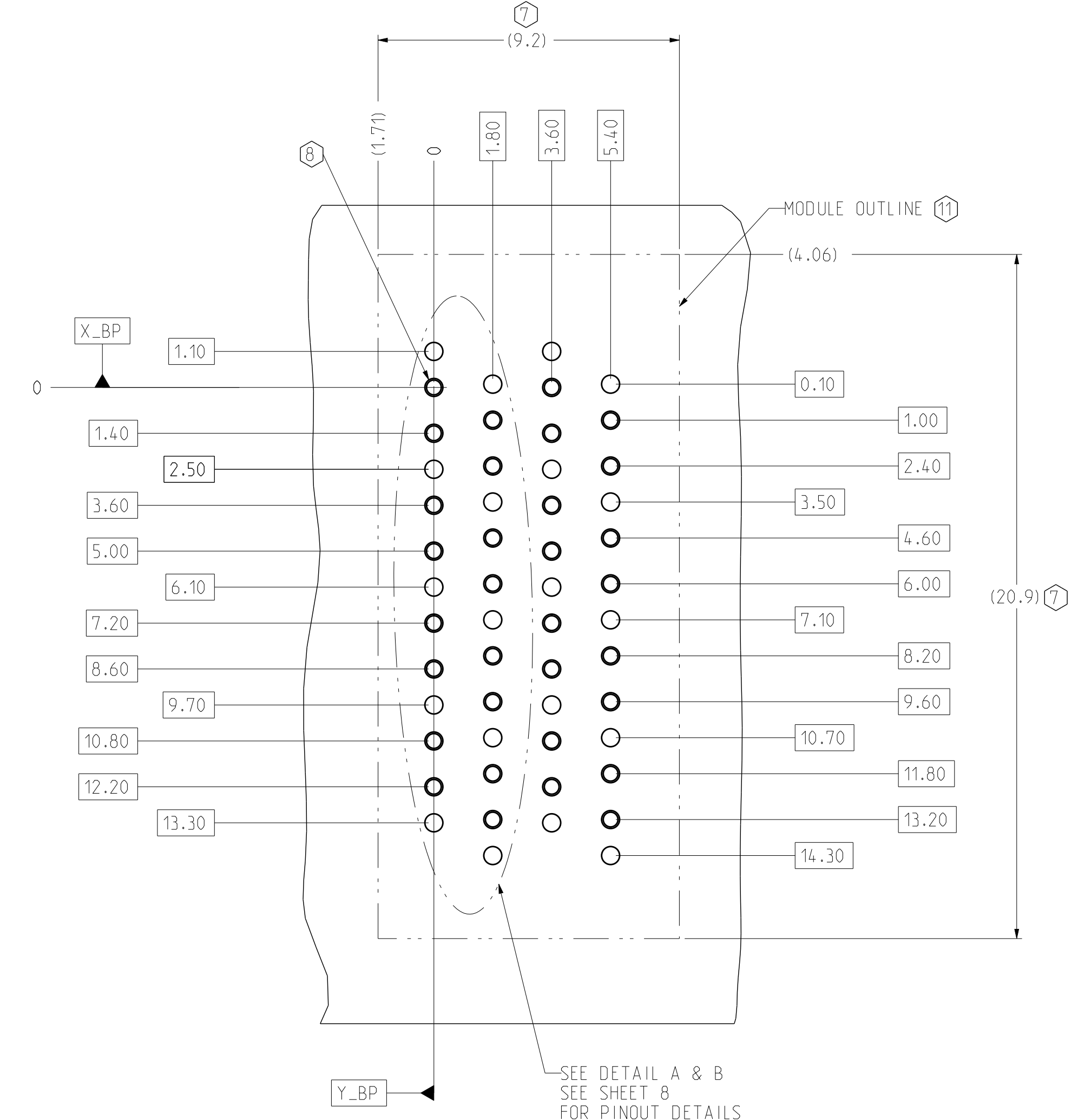
DRW NO.	C-926-401J-500	SH	7	REV	C	
ZONE	REV	ECN	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



**TWO WALL BACKPLANE MODULE DIMENSION**

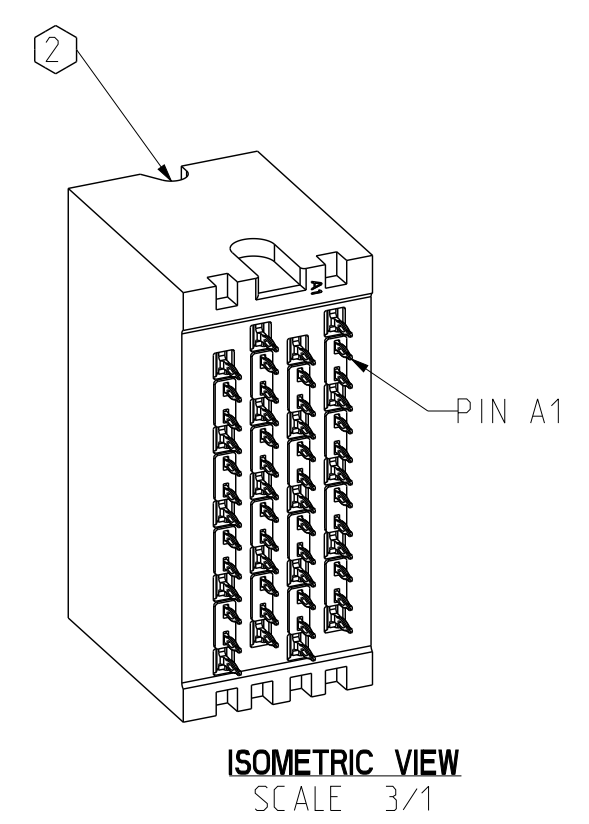
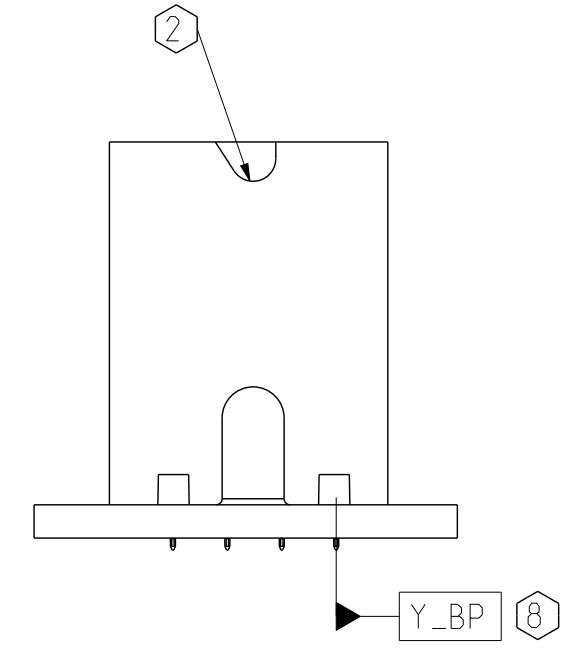
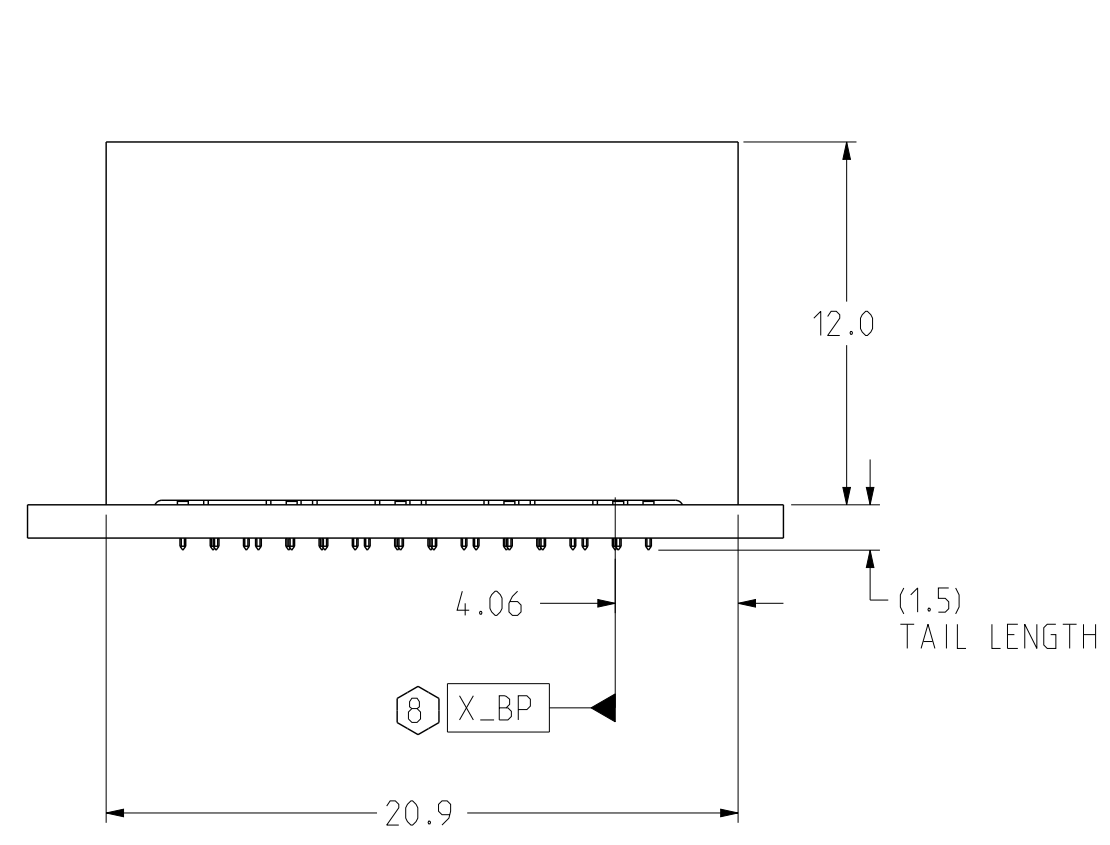
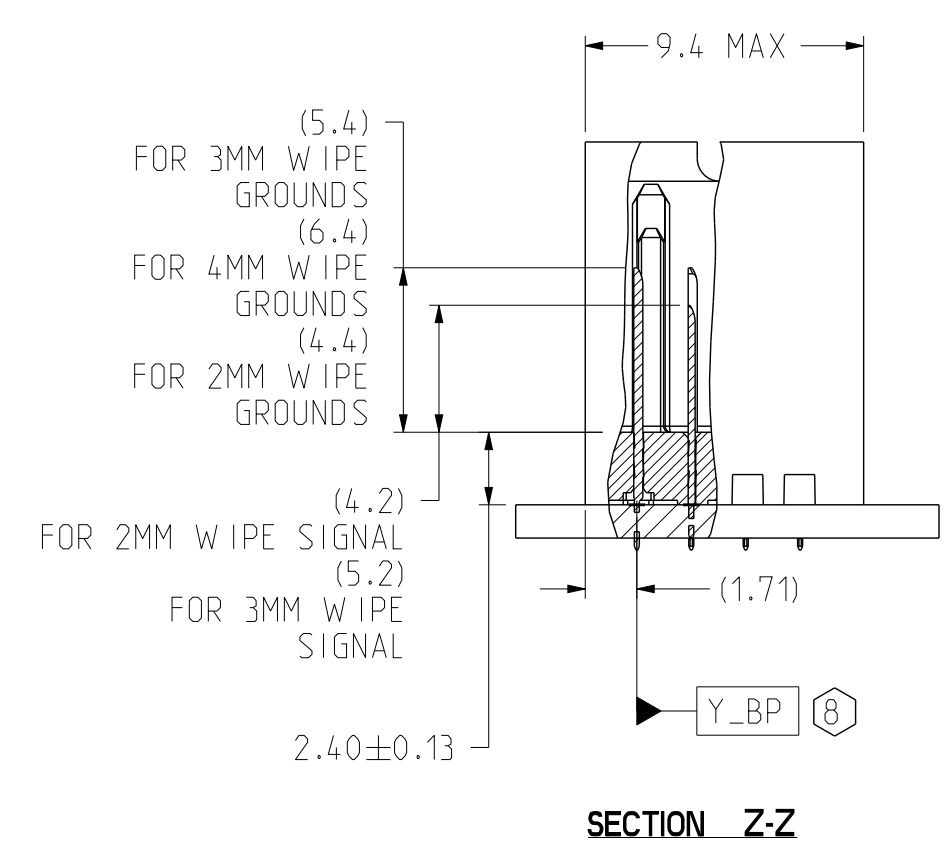


CONNECTOR REFERENCE  
SCALE 4/1



BP HOLE PATTERN  
COMPONENT SIDE  
SCALE 8/1

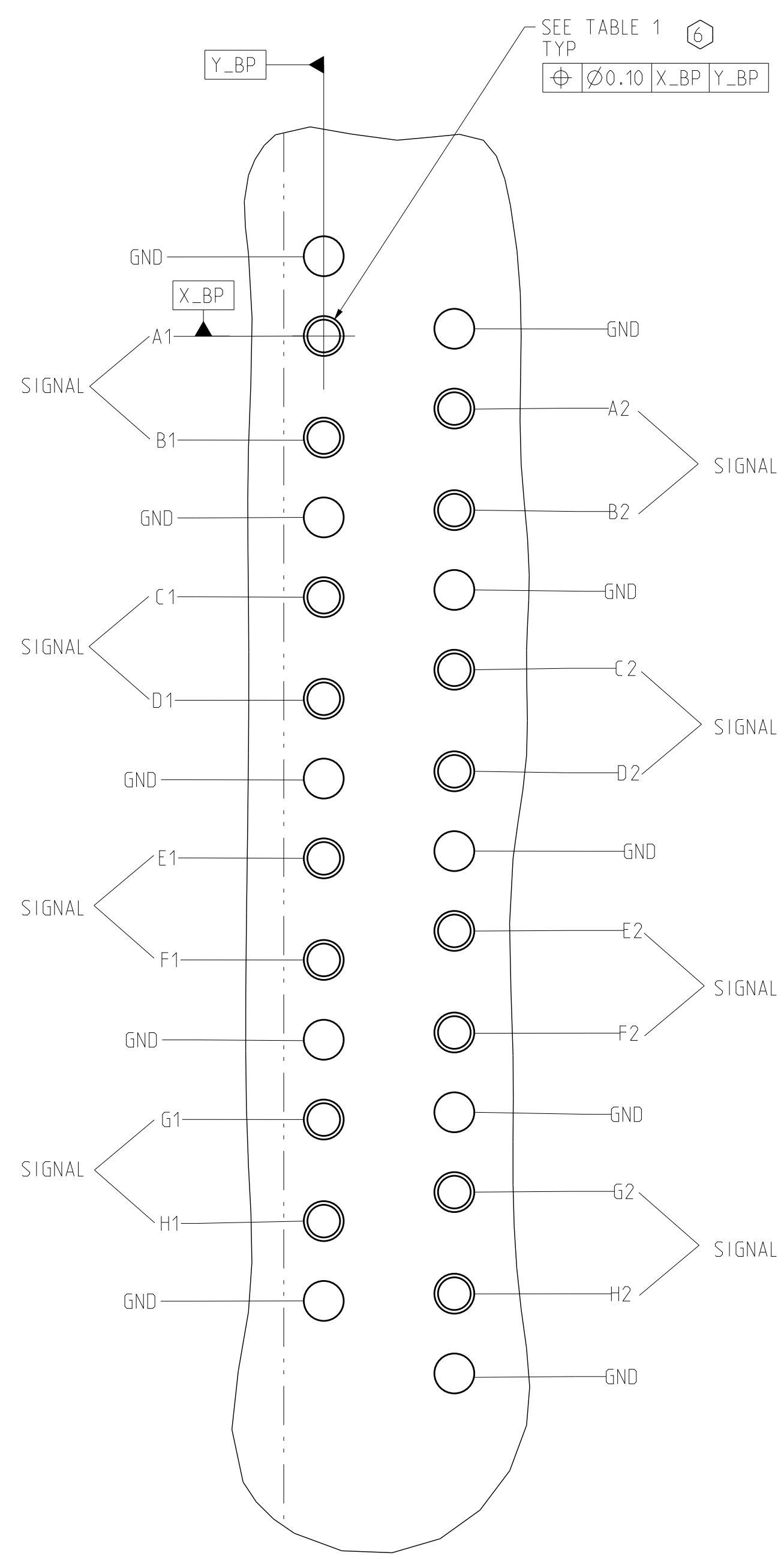
**TWO WALL BACKPLANE FOOTPRINT**



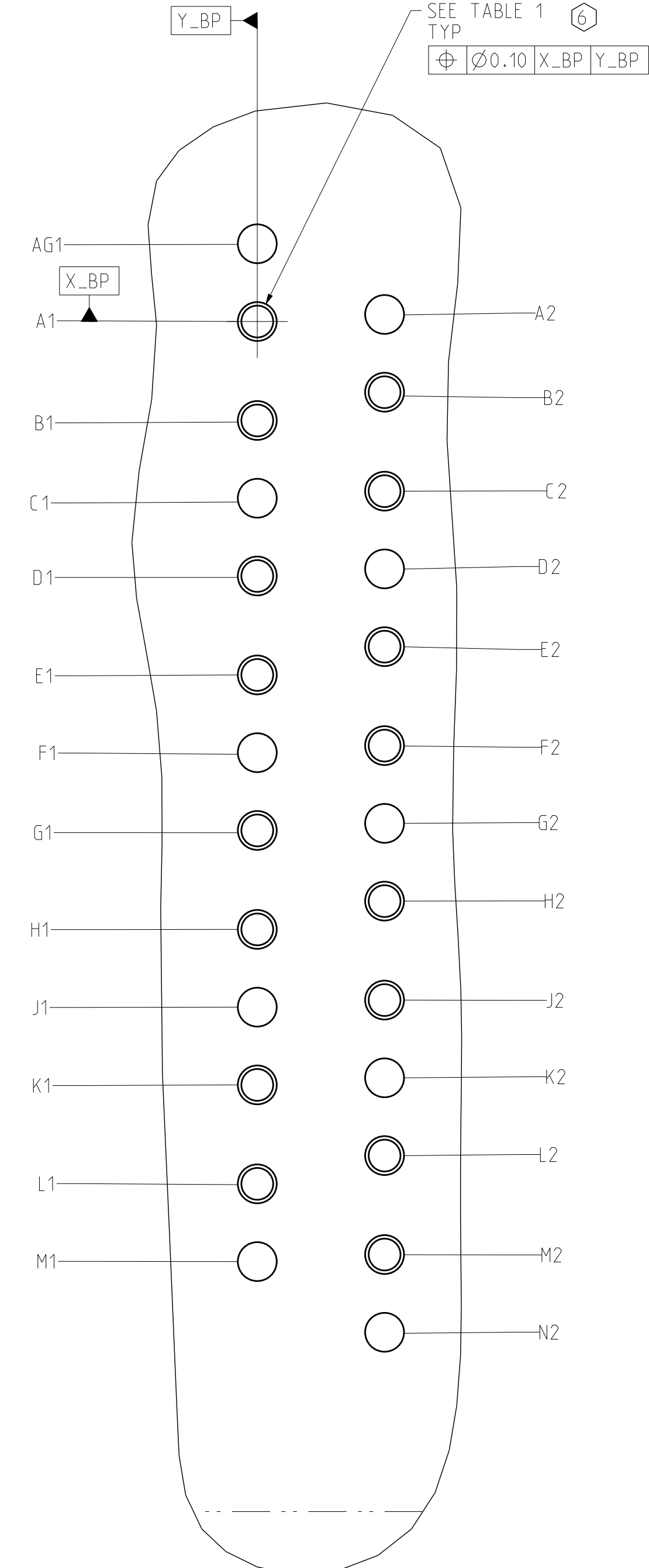
TOLERANCES		DESIGN 12/31/2014 M.HANRAHAN	<b>Amphenol TCS</b> A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03062 603.879.3000
0.0	±0.25	DRAWN 12/31/2014 HCL-MR	
0.00	±0.13	CHK 12/31/2014 M.HANRAHAN	TITLE BACKPLANE MODULES, VERTICAL MALE HEADER XES66 HD PLUS, 4 PAIR 4 POS, THICK WALL WITH EXTRA GROUND
0.000	± -	APVD 12/31/2014 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-926-401J-500
INTERPRET PER ASME Y14.5M CODE IDENT 31413			ASSEM C926-401J-500.XG_ 0.1 DRAWING C926-401J-500.XG_ 0.7
CUSTOMER USE DRAWING			SIZE D SCALE 1/1 SHEET 7 OF 9

ZONE	REV	ECN	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			

TABLE 1		
	COMPLIANT PIN DRILL $\phi$ .0217"	COMPLIANT PIN DRILL $\phi$ .0177"
PTH	$\phi$ 0.45 $\pm$ 0.05	$\phi$ 0.36 $\pm$ 0.05
DRILL	$\phi$ 0.55 [.0217"]	$\phi$ 0.45 [.0177"]
PAD	$\phi$ 0.85	$\phi$ 0.75

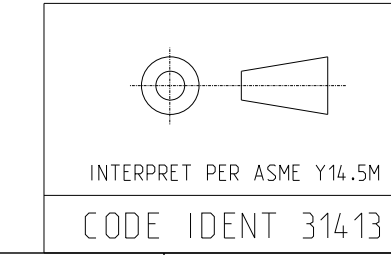


**DETAIL A**  
HSD PINOUTS  
SCALE 16/1



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

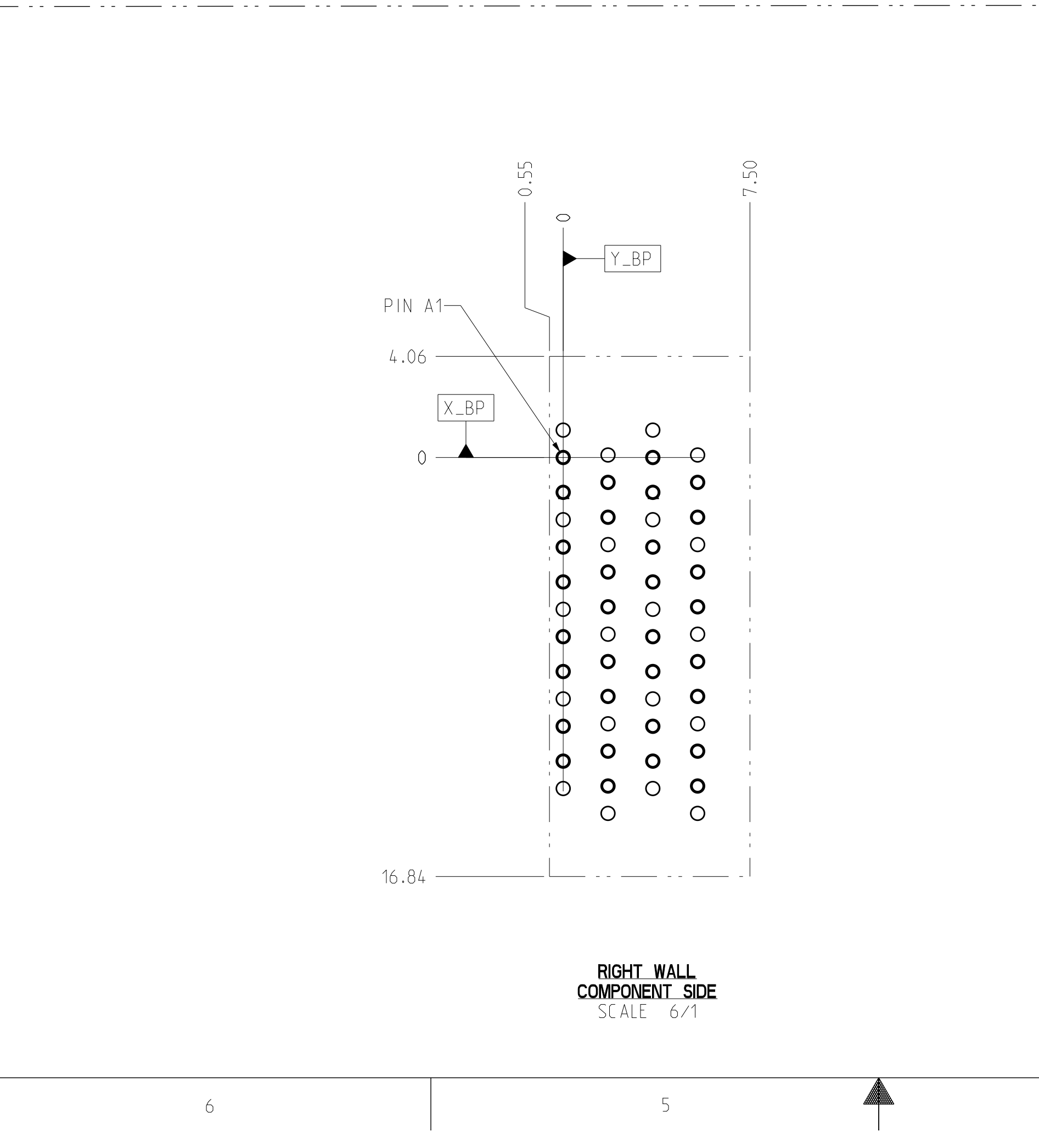
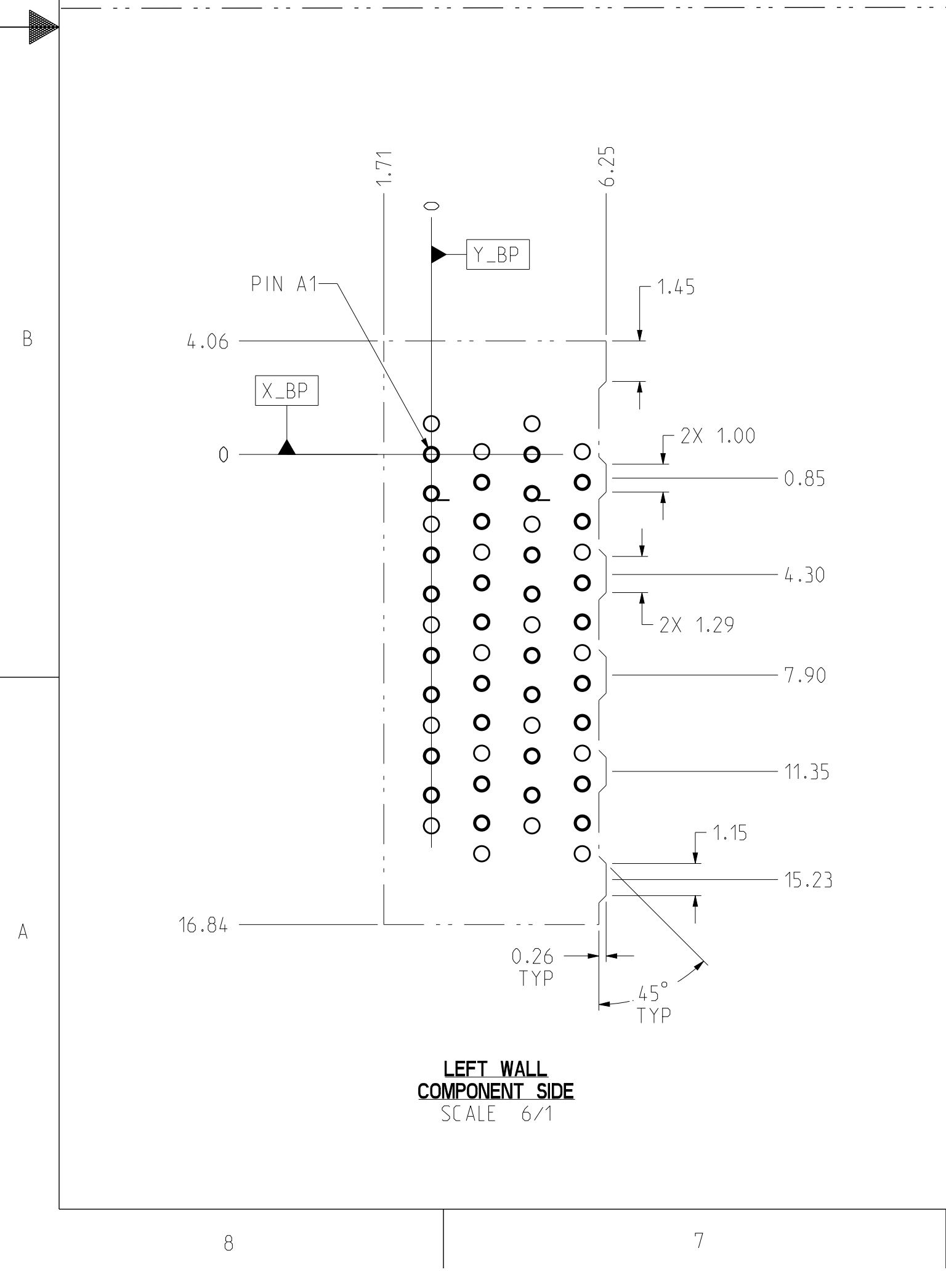
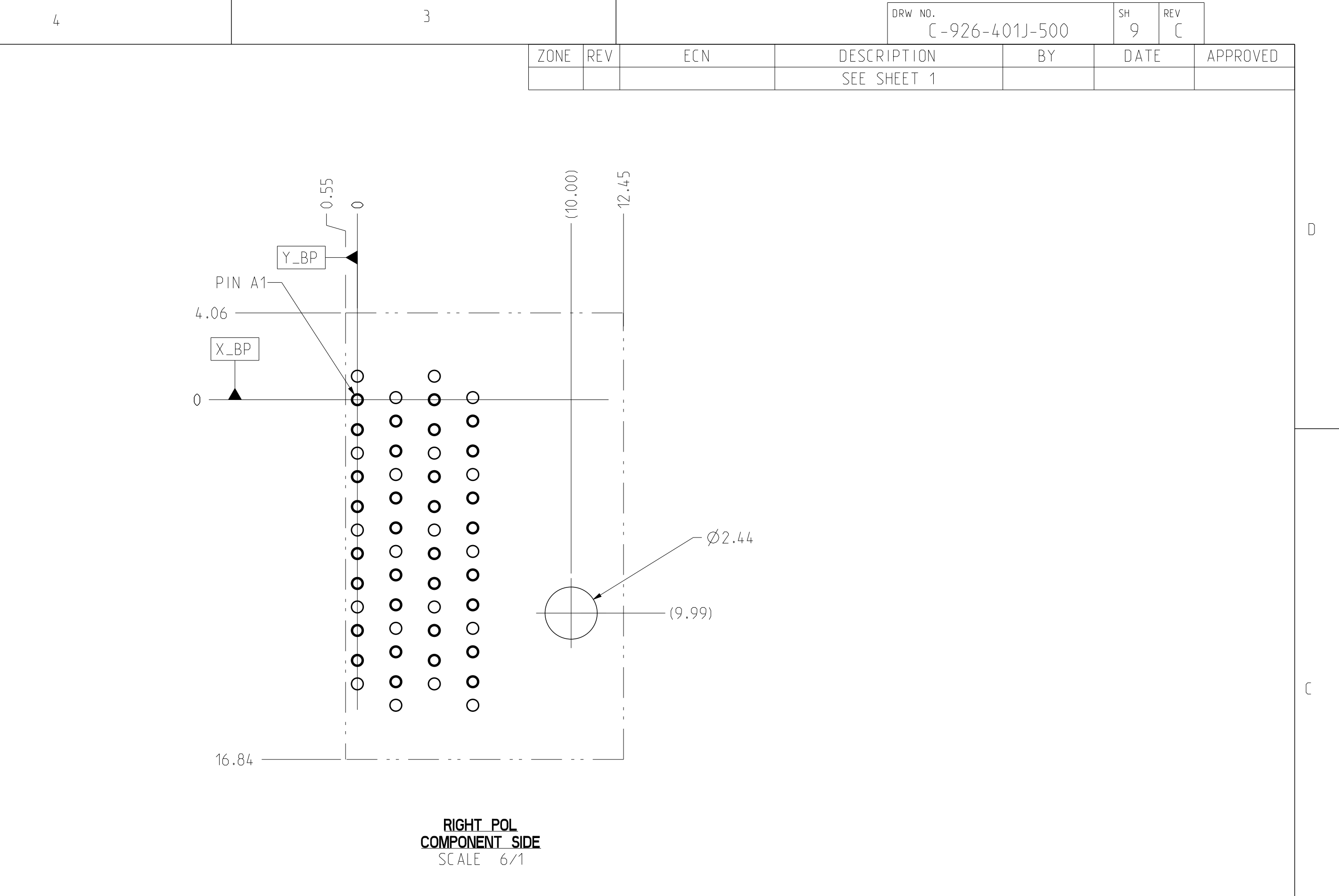
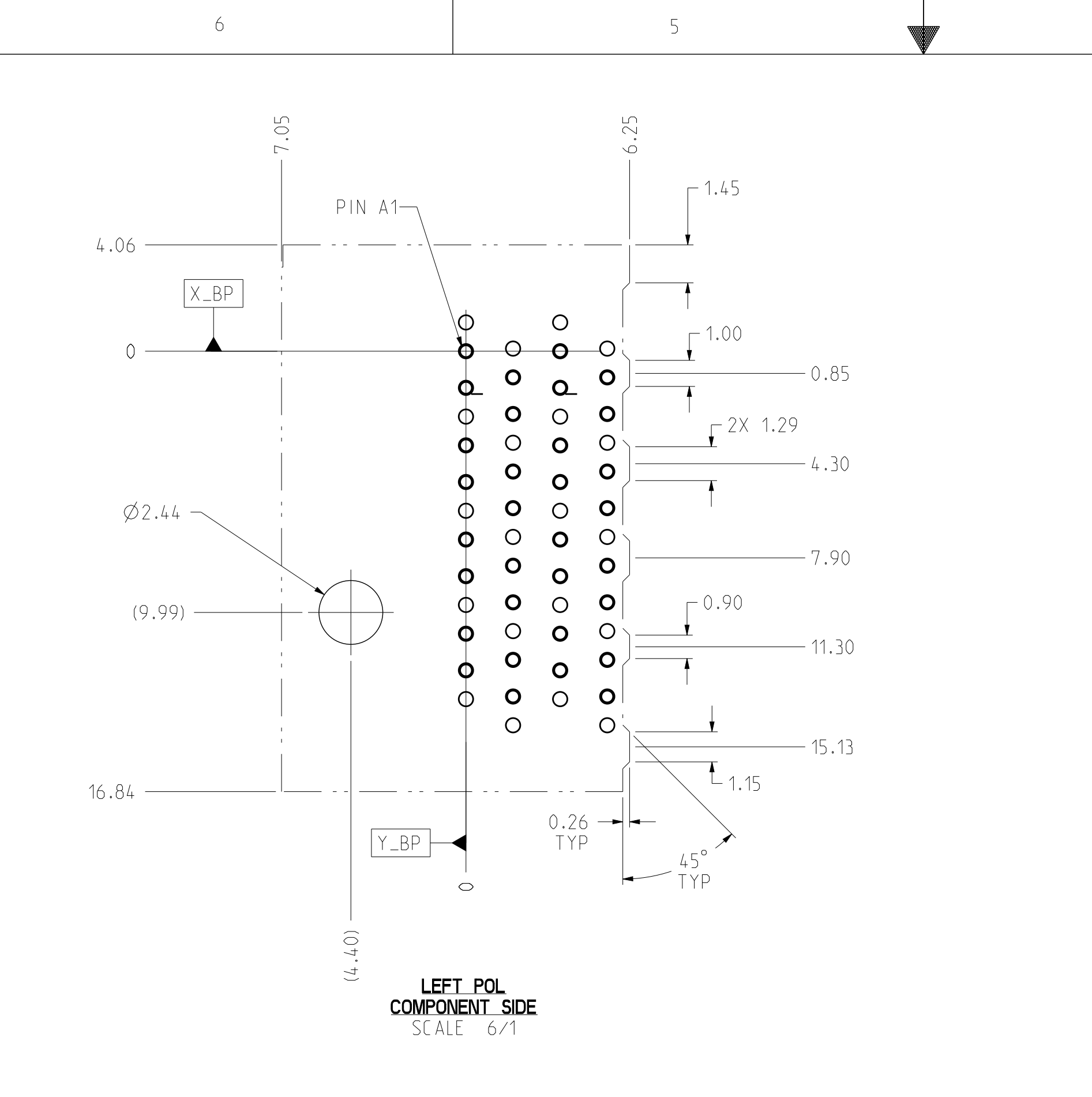
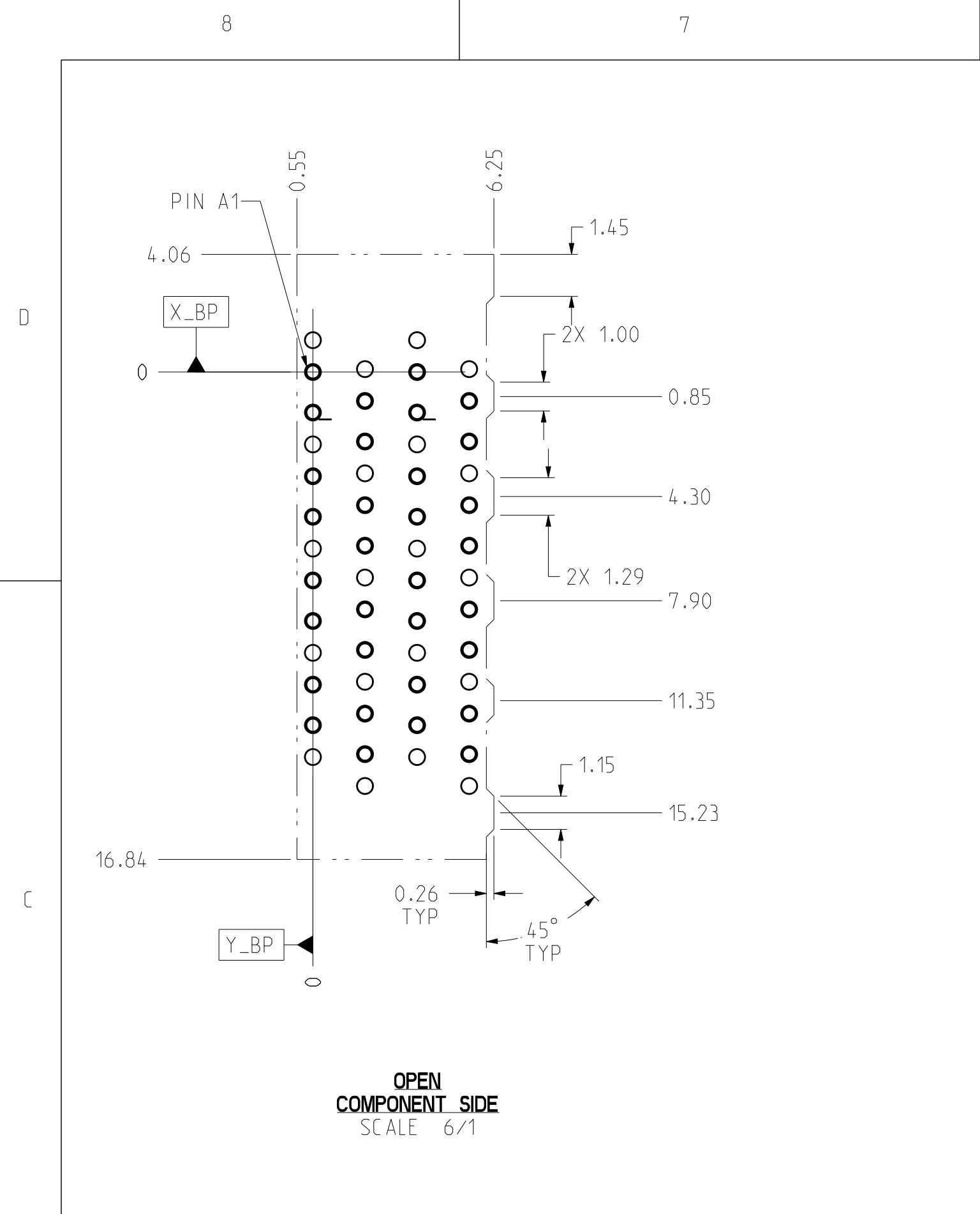
TOLERANCES		DESIGN 12/31/2014 M.HANRAHAN	<b>Amphenol TCS</b> A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03082 603.879.3000	TITLE	
0.0	$\pm$ 0.25	DRAWN 12/31/2014 HCL-MR		BACKPLANE MODULES, VERTICAL MALE HEADER	
0.00	$\pm$ 0.13	CHK 12/31/2014 M.HANRAHAN		Xc666 HD PLUS, 4 PAIR 4 POS. THICK WALL WITH EXTRA GROUND	
0.000	$\pm$ -	APVD 12/31/2014 M.HANRAHAN		PART NO. SEE PN TREE SHEET 1	
ANGLES $\pm$ 3°		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD.		REV N/A	
DRAWING NO. C-926-401J-500			ASSEM C926-401J-500_XG_ 0.3		REV C
DRAWING NO. C-926-401J-500_XG_ 0.7			SCALE 1/1		SHEET 8 OF 9



CUSTOMER USE  
DRAWING



DRW NO.	C-926-401J-500	SH	9	REV	C	
ZONE	REV	ECN	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



## SILK SCREEN DETAILS FOR BACKPLANE MODULE OUTLINE

TOLERANCES		DESIGN 12/31/2014 M.HANRAHAN	<b>Amphenol TCS</b> A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03082 603.879.3000
0.0	±0.25	DRAWN 12/31/2014 HCL-MR	
0.00	±0.13	CHK 12/31/2014 M.HANRAHAN	TITLE BACKPLANE MODULES, VERTICAL MALE HEADER *SEES HD PLUS. 1 PAIR 4 POS. THICK WALL WITH EXTRA GROUND
0.000	± -	APVD 12/31/2014 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-926-401J-500
CUSTOMER USE DRAWING			ASSEM C926-401J-500.XG_ 0.1 DRAWING C926-401J-500.XG_ 0.1
SIZE	D	SCALE 4/1	SHEET 9 OF 9

