DRW NO.	SH	REV
C-923-600E-500	1	G

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
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" REPLACED DC MODULE FROM WAVE TO BIFURCATE	HCL-WS	01/30/2015	M.HANRAHAN
SHT 1 A8	C	MHAN-9ZYQX8.VER01	CORRECTED NOTE 10. C-914-4010-000 WAS C-914-4000-000	HCL-NB	09/07/2015	M.HANRAHAN
SHT1 C8 SHT1 C4	D	DCOY-A2DJPL.VER01	REMOVED N AND Z FROM POL GUIDE TABLE. REMOVED ROLLED GUIDE PIN OPTION IN PIN STYLE TABLE.	HCL-NB	10/09/2015	D.COVEY
SHT1. B8	E	DCOY-AB4NPZ.VER01	UPDATED PART MARKING REQUIREMENTS	HCL-DC	06/22/2016	D.COVEY
SHT1. C3	F	DCOY-AFANCB.VER01	ADDED 819 PLATING OPTION TO PN TREE	HCL-PV	11/02/2016	D.COVEY
	G	BWAG-AG948F.VER01	REMOVED THIN WALL NEAR AUTOMATION FEATURE FOR OPEN, RIGHT POLARIZING, RIGHT WALL.TWO WALL MODULES	HCL-DC	12/09/2016	B.WANG

923 - 6 X 0 E - X X X

- 923 — XCede HD BACKPLANE MODULE MALE STANDARD LOAD
- 6 — 6 PAIR
- X — LETTER
- 0 — OPEN (SEE SHEET 2)
- E — 8-POSITION
- X — NUMBER
- X — LETTER
- X — LETTER

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								

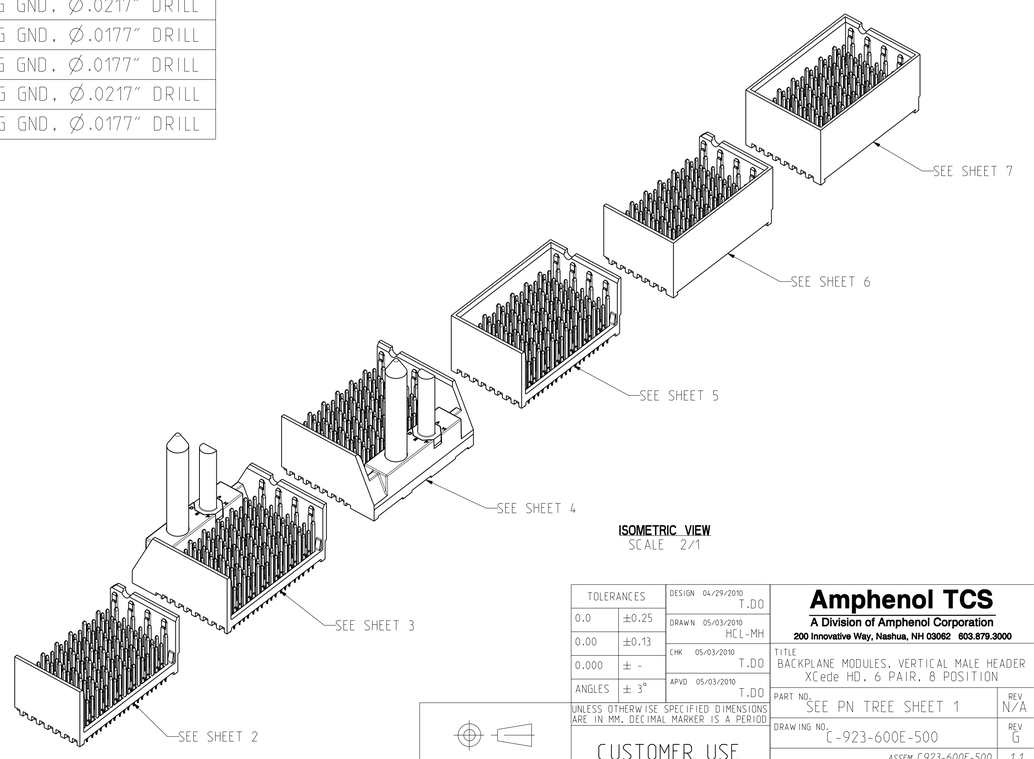
NUMBER	PIN STYLE, HEIGHT
0	GUIDE PIN MACHINED, 28.5mm / OPEN MODULE

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
K	Ni SULFAMATE, STANDARD GOLD, 60/40 TIN/LEAD

NOTES:

1. REFER TO TB-2235 FOR XCede HD PRODUCT SPECIFICATIONS.
2. NOTCH DESIGNATES "ROW A" SIDE OF SHROUD. NOTCH FEATURE ON OPPOSITE SIDE FROM PART MARKING.
3. SEE TB-2325 FOR PART MARKING REQUIREMENTS.
4. PLATING THICKNESS OF SIGNAL CONTACT AND GROUND CONTACT IS DETERMINED BY PLATING CODE. SEE PART NUMBER TREE SHEET 1.
5. REPAIR PROCEDURE FOR MODULE. SEE TB-2245.
6. SEE TB-2237 FOR ROUTING GUIDELINES & PTH REQ'S.
7. SEE DOC C-190-0009-000 FOR TOOLING KEEPOUT ZONES.
8. BACKPLANE DATUM REFERENCE.
9. DIMENSIONS APPLY FOR BOTH COMPLIANT PIN SIZES.
10. 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	
0.0	±0.25
0.00	±0.13
0.000	± -
ANGLES	± 3°

DESIGN 04/29/2010 T.DO
DRAWN 05/03/2010 HCL-MH
CHK 05/03/2010 T.DO
APVD 05/03/2010 T.DO

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

INTERPRET PER ASME Y14.5M

CUSTOMER USE DRAWING

CODE IDENT 31413

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

TITLE: BACKPLANE MODULES, VERTICAL MALE HEADER XCede HD, 6 PAIR, 8 POSITION

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

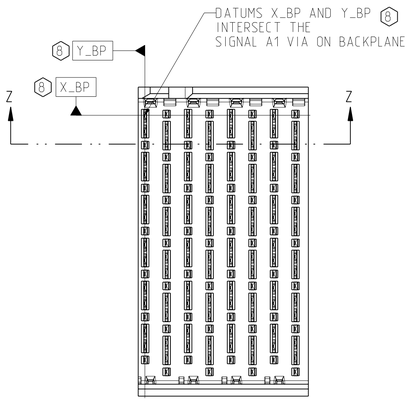
DRAWING NO. C-923-600E-500 REV G

ASSEM C923-600E-500 1.1
DRAWING C923-600E-500 A.9

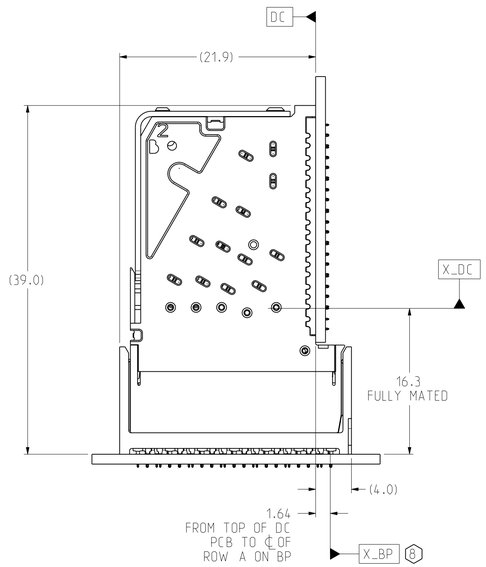
SIZE D | SCALE 1/1 | SHEET 1 OF 8

DRW NO. C-923-600E-500 | SH 1 | REV G

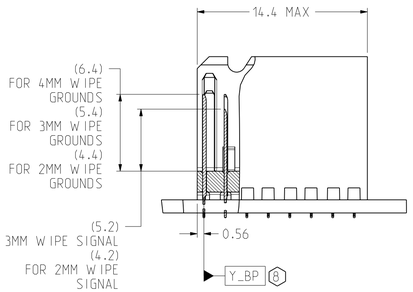
ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



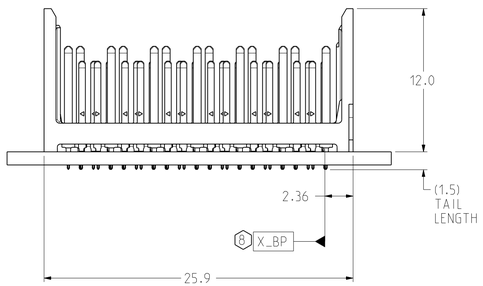
OPEN BACKPLANE MODULE DIMENSION

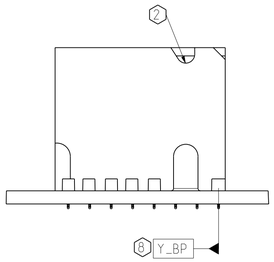


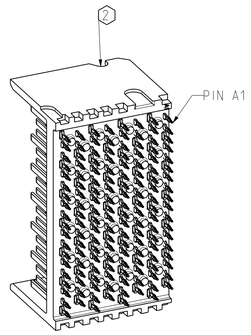
CONNECTOR REFERENCE
SCALE 3/1



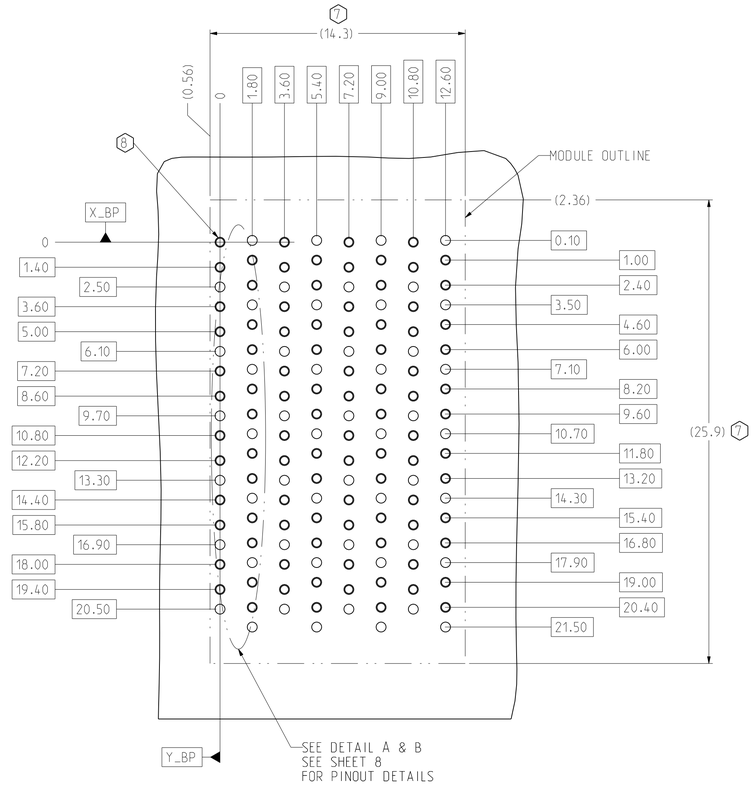
SECTION Z-Z







ISOMETRIC VIEW
SCALE 3/1



BP HOLE PATTERN COMPONENT SIDE
SCALE 6/1

OPEN BACKPLANE FOOTPRINT

TOLERANCES	
0.0	±0.25
0.00	±0.13
0.000	± -
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

DESIGN 04/29/2010 T.DO
DRAWN 05/03/2010 HCL-MH
CHK 05/03/2010 T.DO
APVD 05/03/2010 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, 6 PAIR, 8 POSITION

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

DRAWING NO. C-923-600E-500 REV G

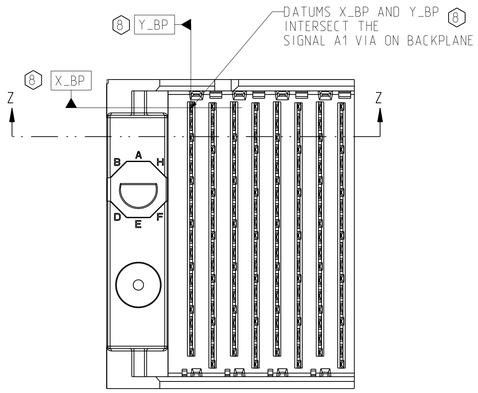
ASSEM C923-600E-500 1.1
DRAWING C923-600E-500 A.9

SIZE D | SCALE 1/1 | SHEET 2 OF 8

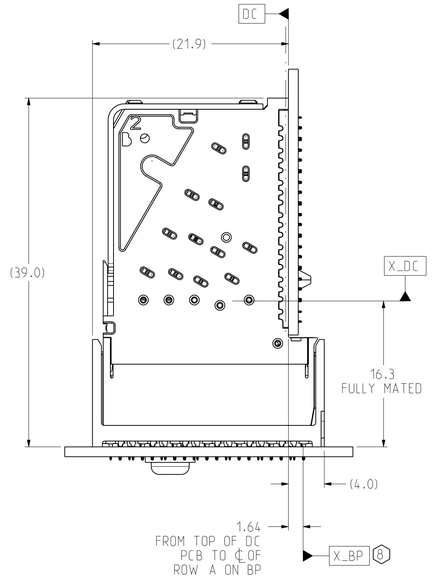
DRW NO. C-923-600E-500 | SH 2 | REV G

DRW NO.	SH	REV
C-923-600E-500	3	G

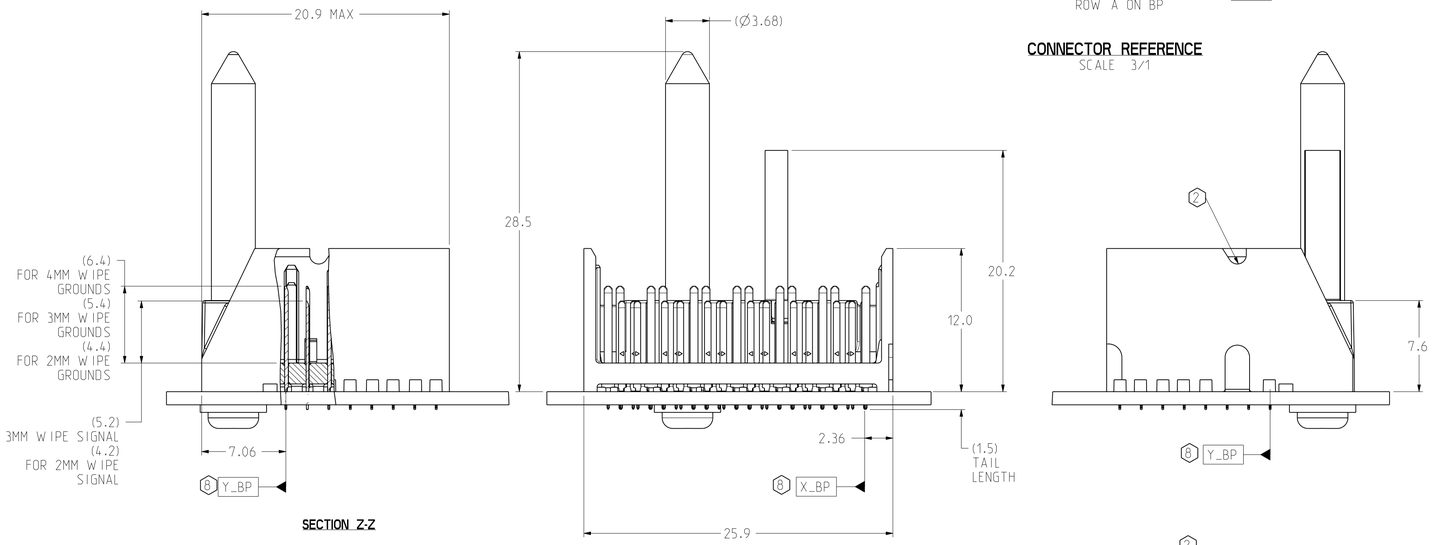
ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



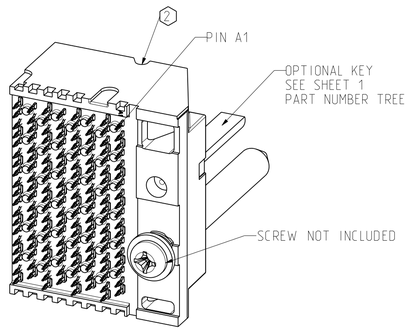
LEFT POLARIZING/GUIDE BACKPLANE MODULE DIMENSION



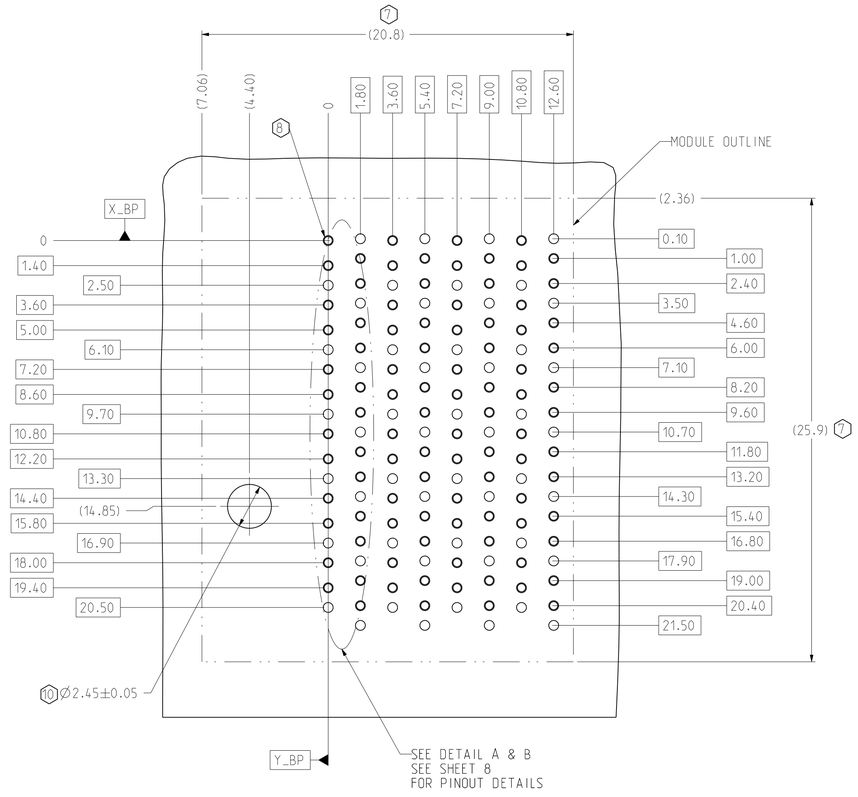
CONNECTOR REFERENCE
SCALE 3/1



SECTION Z-Z



ISOMETRIC VIEW
SCALE 3/1



BP HOLE PATTERN COMPONENT SIDE
SCALE 6/1

LEFT POLARIZING/GUIDE BACKPLANE FOOTPRINT

TOLERANCES	
0.0	±0.25
0.00	±0.13
0.000	± -
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

DESIGN 04/29/2010 T.DO
DRAWN 05/03/2010 HCL-MH
CHK 05/03/2010 T.DO
APVD 05/03/2010 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, 6 PAIR, 8 POSITION

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

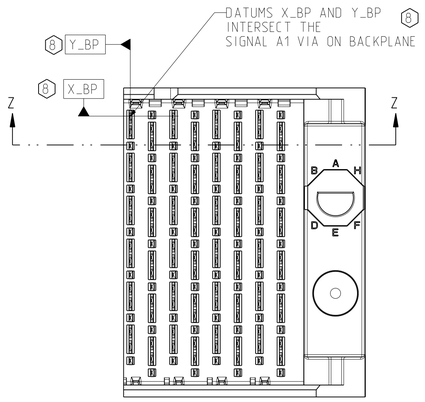
DRAWING NO. C-923-600E-500 REV G

ASSEM C923-600E-500 1.1
DRAWING C923-600E-500 A.9

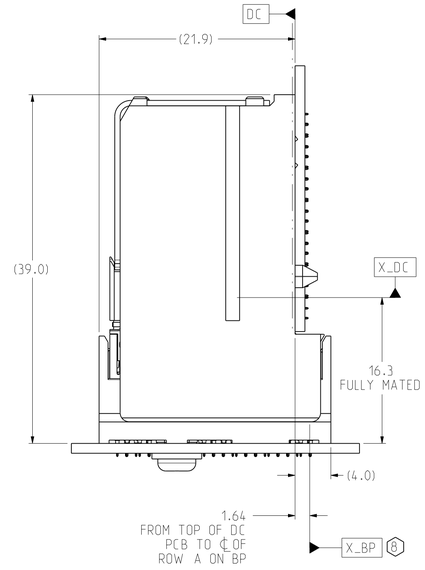
SIZE D | SCALE 1/1 | SHEET 3 OF 8

DRW NO. C-923-600E-500 | SH 3 | REV G

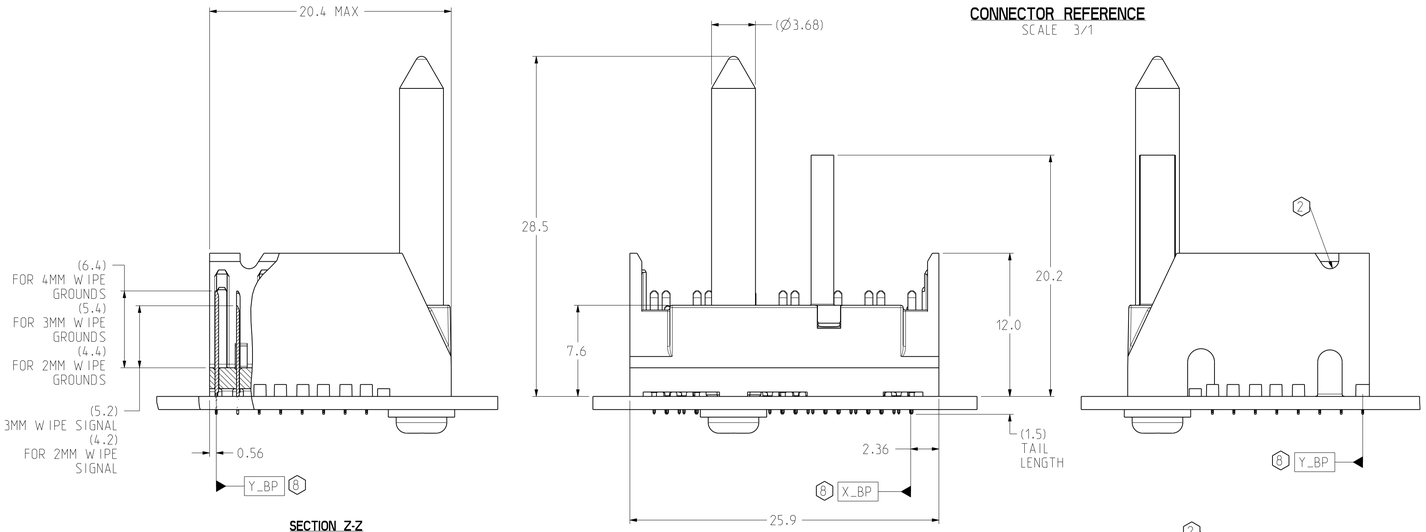
ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



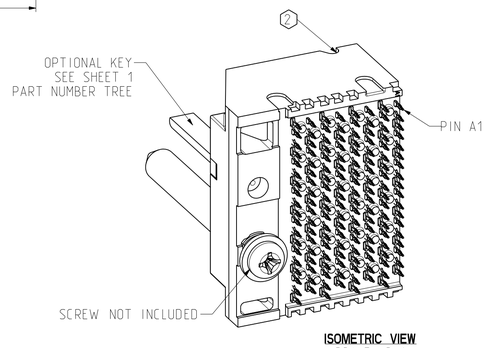
RIGHT POLARIZING/GUIDE BACKPLANE MODULE DIMENSION



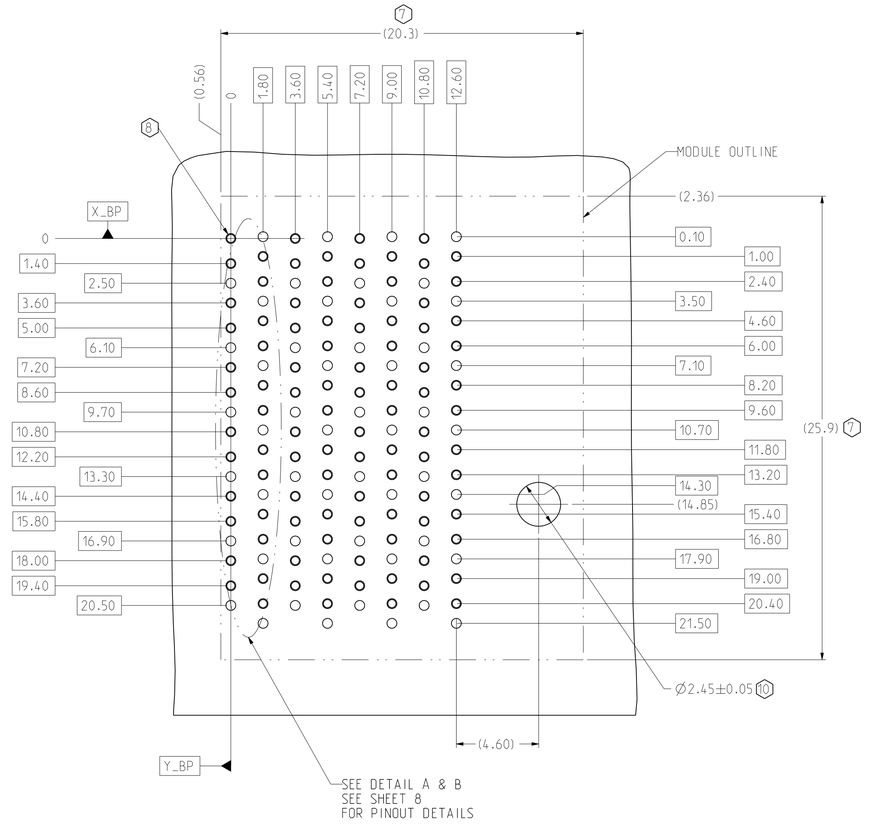
CONNECTOR REFERENCE
SCALE 3/1



SECTION Z-Z



ISOMETRIC VIEW
SCALE 3/1



BP HOLE PATTERN COMPONENT SIDE
SCALE 6/1

RIGHT POLARIZING/GUIDE BACKPLANE FOOTPRINT

TOLERANCES	
0.0	±0.25
0.00	±0.13
0.000	± -
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

DESIGN 04/29/2010 T.DO
DRAWN 05/03/2010 HCL-MH
CHK 05/03/2010 T.DO
APVD 05/03/2010 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, 6 PAIR, 8 POSITION

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

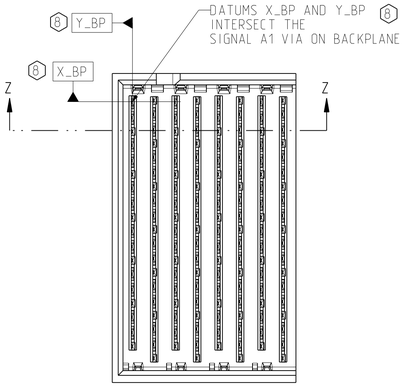
DRAWING NO. C-923-600E-500 REV G

ASSEM C923-600E-500 1.1
DRAWING C923-600E-500 A.9

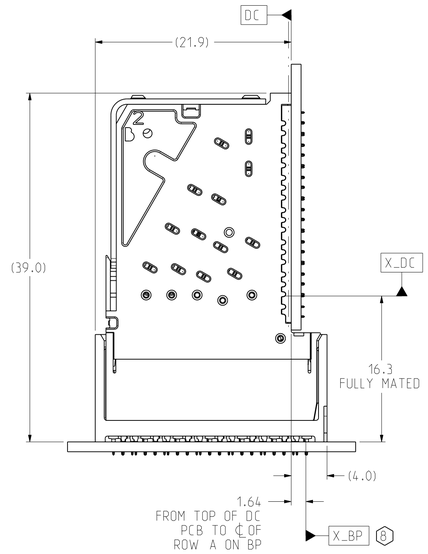
SIZE D | SCALE 1/1 | SHEET 4 OF 8

DRW NO. C-923-600E-500 | SH 4 | REV G

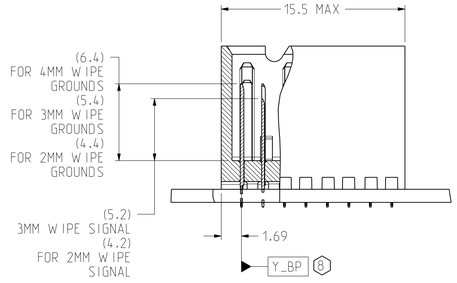
ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



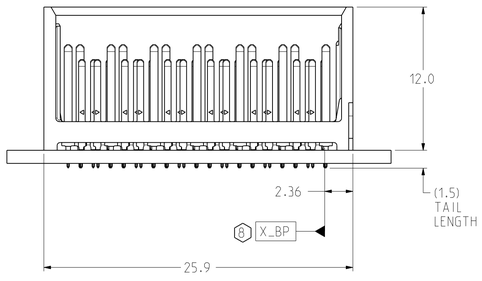
LEFT WALL BACKPLANE MODULE DIMENSION

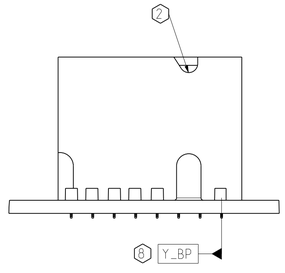


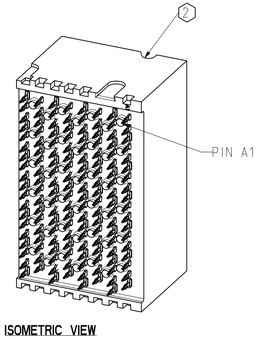
CONNECTOR REFERENCE
SCALE 3/1



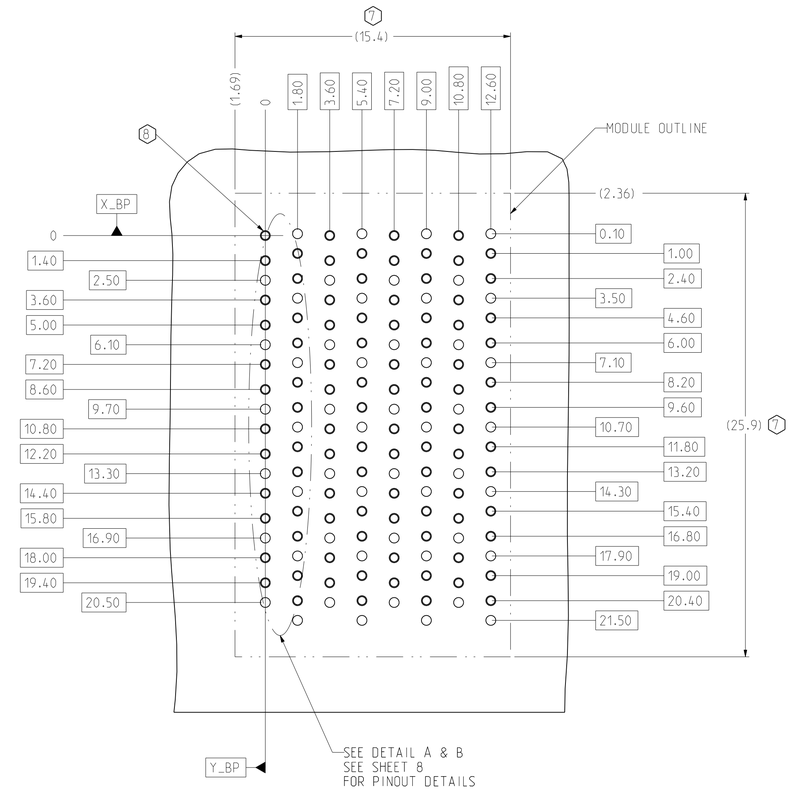
SECTION Z-Z







ISOMETRIC VIEW
SCALE 3/1



BP HOLE PATTERN
COMPONENT SIDE
SCALE 6/1

LEFT WALL BACKPLANE FOOTPRINT

TOLERANCES	
0.0	±0.25
0.00	±0.13
0.000	± -
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

DESIGN 04/29/2010 T.DO
DRAWN 05/03/2010 HCL-MH
CHK 05/03/2010 T.DO
APVD 05/03/2010 T.DO

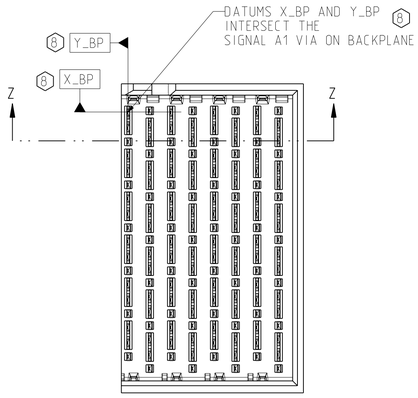
Amphenol TCS
A Division of Amphenol Corporation
200 Innovative Way, Nashua, NH 03062 603.879.3000

TITLE
BACKPLANE MODULES, VERTICAL MALE HEADER
XCede HD, 6 PAIR, 8 POSITION

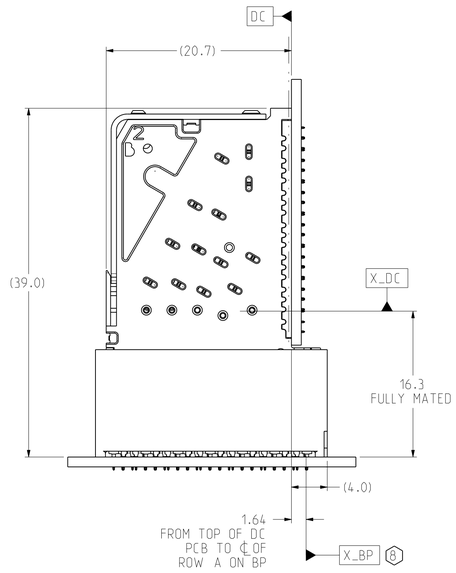
PART NO. SEE PN TREE SHEET 1 REV N/A
DRAWING NO. C-923-600E-500 REV G
ASSEM C923-600E-500 1.1
DRAWING C923-600E-500 A.9
SIZE D SCALE 1/1 SHEET 5 OF 8

DRW NO. C-923-600E-500 SH 5 REV G

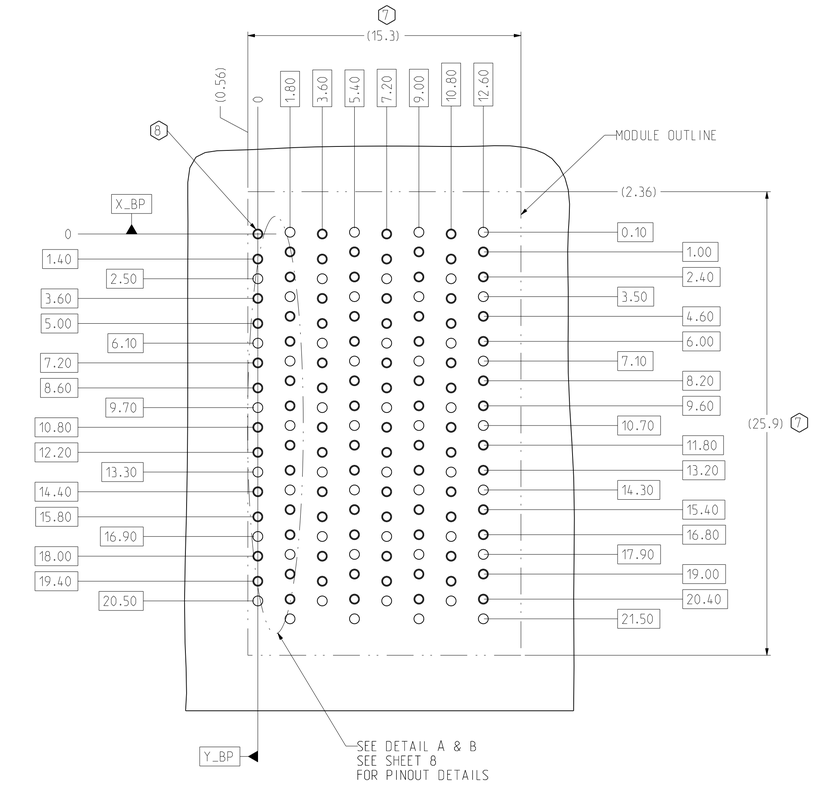
ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



RIGHT WALL BACKPLANE MODULE DIMENSION

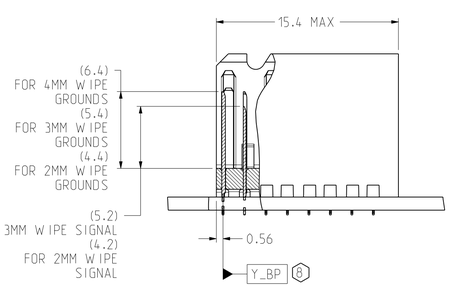


CONNECTOR REFERENCE
SCALE 3/1

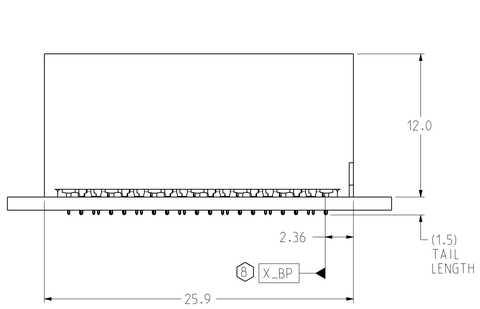


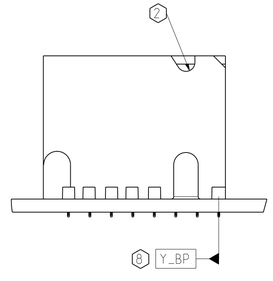
BP HOLE PATTERN
COMPONENT SIDE
SCALE 6/1

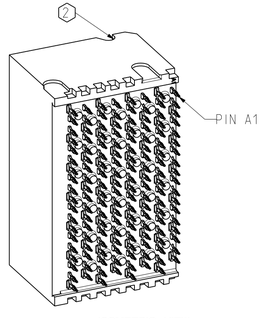
RIGHT WALL BACKPLANE FOOTPRINT



SECTION Z-Z







ISOMETRIC VIEW
SCALE 3/1

TOLERANCES	
0.0	±0.25
0.00	±0.13
0.000	± -
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

DESIGN 04/29/2010 T.DO
DRAWN 05/03/2010 HCL-MH
CHK 05/03/2010 T.DO
APVD 05/03/2010 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, 6 PAIR, 8 POSITION

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

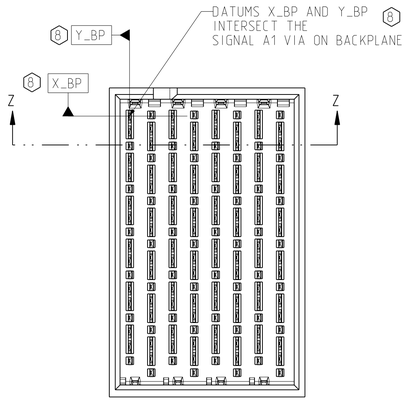
DRAWING NO. C-923-600E-500 REV G

ASSEM C923-600E-500 1.1
DRAWING C923-600E-500 A.9

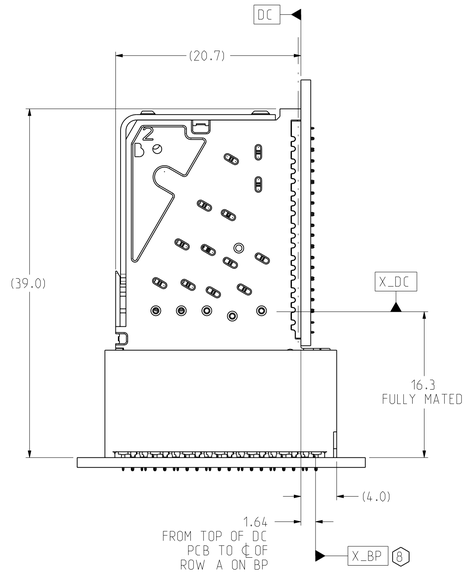
SIZE D | SCALE 1/1 | SHEET 6 OF 8

DRW NO. C-923-600E-500 | SH 6 | REV G

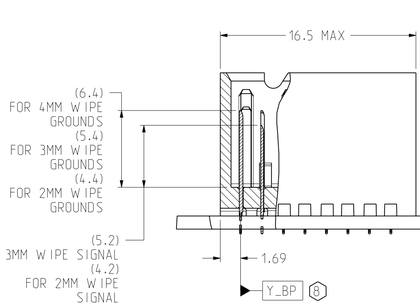
ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



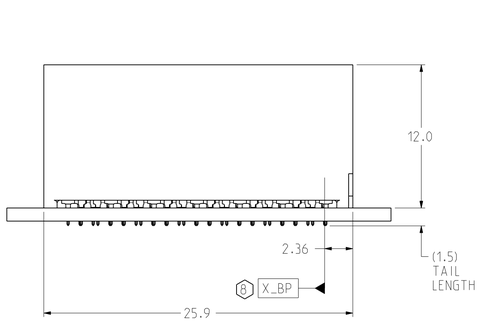
TWO WALL BACKPLANE MODULE DIMENSION

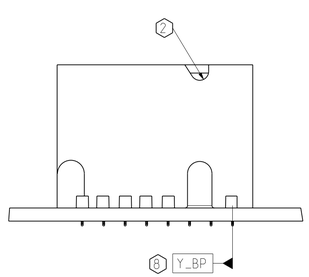


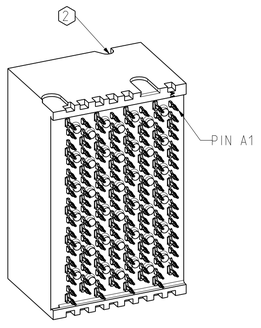
CONNECTOR REFERENCE
SCALE 3/1



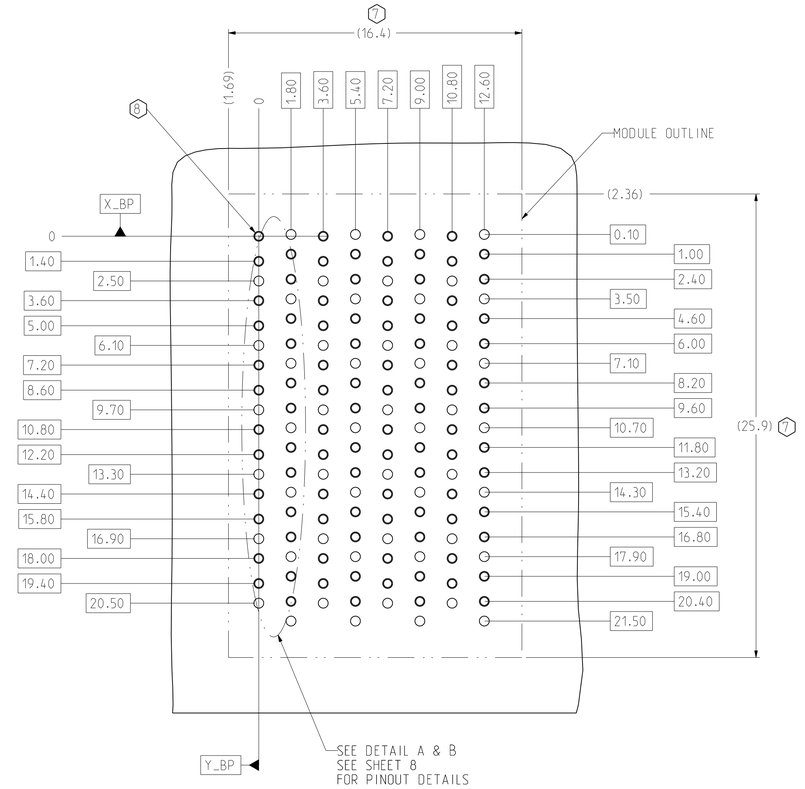
SECTION Z-Z







ISOMETRIC VIEW
SCALE 3/1



BP HOLE PATTERN
COMPONENT SIDE
SCALE 6/1

TWO WALL BACKPLANE FOOTPRINT

TOLERANCES	
0.0	±0.25
0.00	±0.13
0.000	± -
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

DESIGN 04/29/2010 T.DO
DRAWN 05/03/2010 HCL-MH
CHK 05/03/2010 T.DO
APVD 05/03/2010 T.DO

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

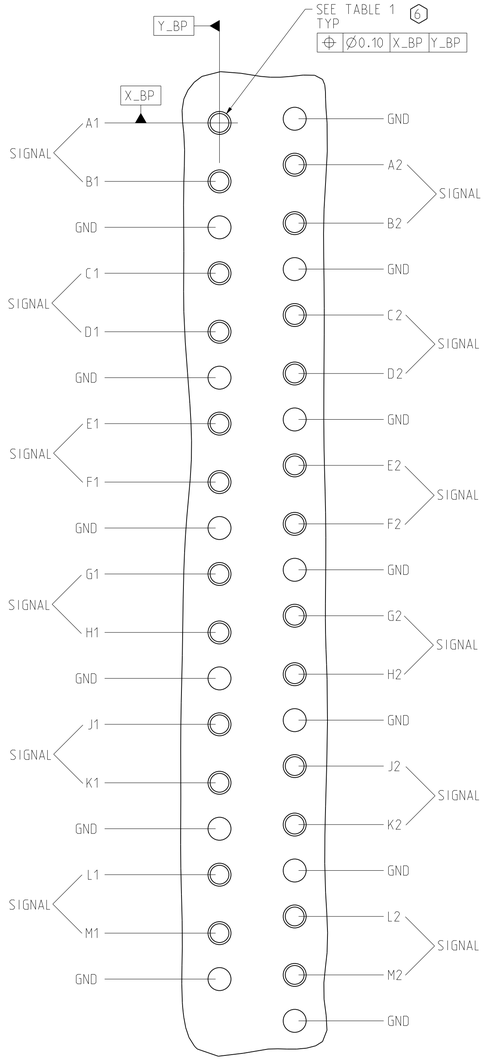
TITLE
BACKPLANE MODULES, VERTICAL MALE HEADER
XCede HD, 6 PAIR, 8 POSITION

PART NO. SEE PN TREE SHEET 1 REV N/A
DRAWING NO. C-923-600E-500 REV G
ASSEM C923-600E-500 1.1
DRAWING C923-600E-500 A.9
SIZE D SCALE 1/1 SHEET 7 OF 8

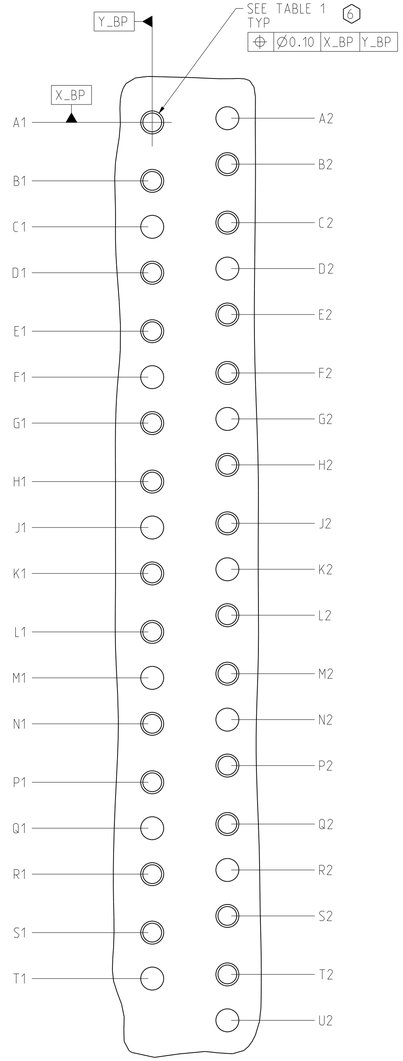
DRW NO. C-923-600E-500 | SH 7 | REV G

DRW NO.	SH	REV
C-923-600E-500	8	G

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



DETAIL A
HSD PINOUTS
SCALE 14/1



DETAIL B
LC PINOUTS
SCALE 14/1

TABLE 1 (6)

	COMPLIANT PIN DRILL Ø.0217"	COMPLIANT PIN DRILL Ø.0177"
PTH	Ø0.45±0.05	Ø0.36±0.05
DRILL	Ø0.55 [.0217"]	Ø0.45 [.0177"]
PAD	Ø0.85	Ø0.75

TOLERANCES	
0.0	±0.25
0.00	±0.13
0.000	± -
ANGLES	± 3°

DESIGN 04/29/2010 T.DO
DRAWN 05/03/2010 HCL-MH
CHK 05/03/2010 T.DO
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ASSEM C923-600E-500 1.1
DRAWING C923-600E-500 A.9

INTERPRET PER ASME Y14.5M
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM, DECIMAL MARKER IS A PERIOD
CUSTOMER USE DRAWING
CODE IDENT 31413
SIZE D | SCALE 1/1 | SHEET 8 OF 8

DRW NO. C-923-600E-500 | SH 8 | REV G