DRW NO.	SH	REV
C-440-6200-500	1	02

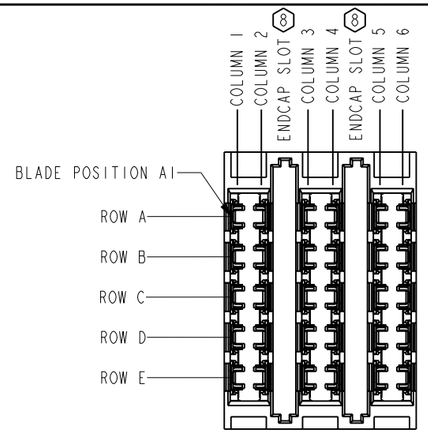
ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
ALL	01		NEW RELEASE	R.CHIFFY	06/03/05	T.COHEN
	02		UPDATED FOR WEB	HCL-BS	03/21/07	J.DUNHAM

TABLE 1

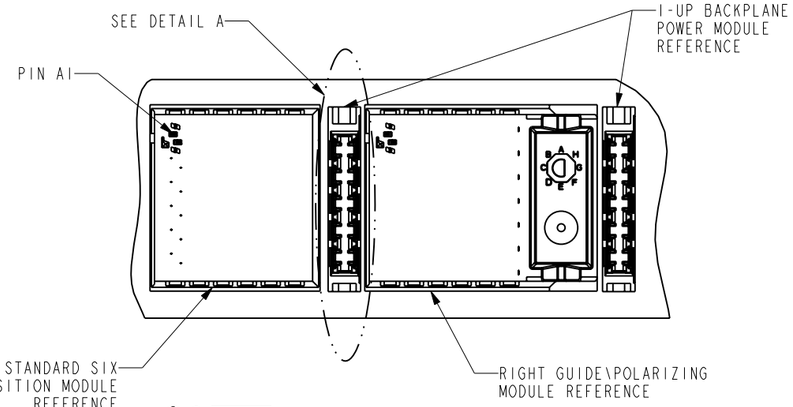
DIFF MATRIX STANDARD BACKPLANE POWER CONNECTOR

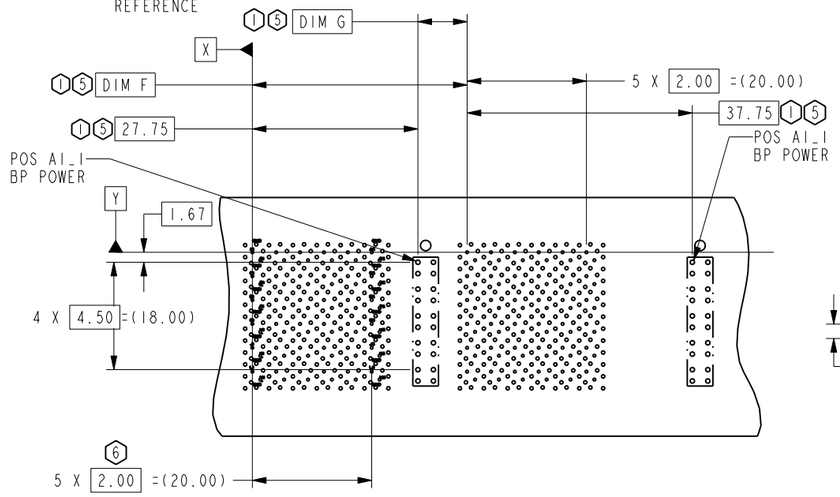
440 - X X X X - X X X

- DIFF MATRIX POWER MODULE LEAD OFF
- (9) 6 = STANDARD LOADED, 7 = CUSTOM LOADED
- 2 = 1 POSITION BP, 50u" GOLD; 5 = 2 POSITION BP, 50u" GOLD; 7 = 3 POSITION BP, 50u" GOLD
- ROW A: 4 = 4.5mm, 6 = 6.0mm, 7 = 7.5mm
- ROW B: 4 = 4.5mm, 6 = 6.0mm, 7 = 7.5mm
- ROW C: 4 = 4.5mm, 6 = 6.0mm, 7 = 7.5mm
- ROW D: 4 = 4.5mm, 6 = 6.0mm, 7 = 7.5mm
- ROW E: 4 = 4.5mm, 6 = 6.0mm, 7 = 7.5mm

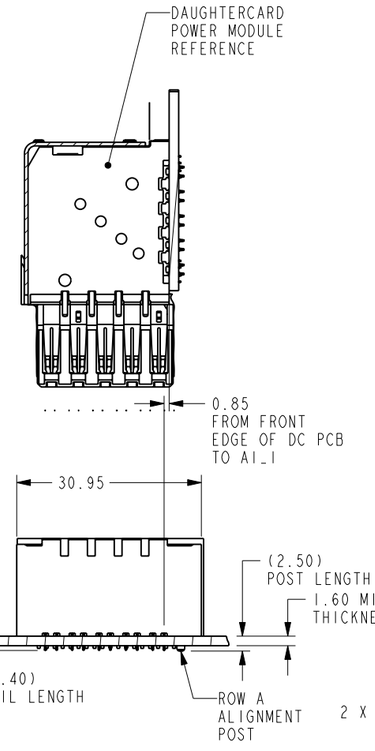


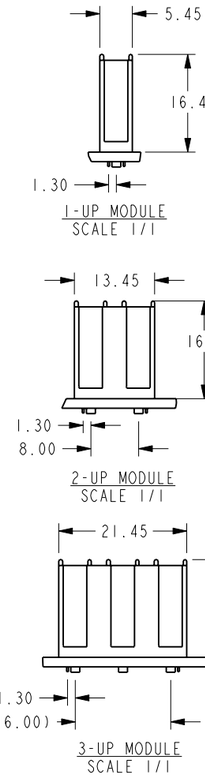
DETAIL A
MATING VIEW
SCALE 3/2
3-UP MODULE SHOWN





TYPICAL DIMENSIONS FOR
BP POWER PLACEMENT RELATIVE TO
BP SIGNAL SHROUDS





(9) IF THE 4TH DIGIT OF THE PART NUMBER IS 7, INDICATING A CUSTOM PART NUMBER, DIGITS 5 THROUGH 10 ARE NOT SIGNIFICANT, AND DO NOT FOLLOW THE PARADIGM IN THIS TABLE.

(8) 2 POSITION AND 3 POSITION MODULES WILL ACCEPT DC ENDCAPS BETWEEN DC POWER MODULES WITH NO ADDITIONAL SPACING REQUIRED.

(7) BLADE POSITION A1 CONTAINS PINS A1_1 AND A1_2.

(6) REFER TO BP CUSTOMER USE DRAWINGS FOR ROW AND COLUMN ASSIGNMENTS.

(5) WHEN USING ENDCAPS BETWEEN SIGNAL WAFERS AND DC POWER MODULES ADD 1.85mm FOR EACH ENDCAP. VIEW SHOWN WITHOUT ENDCAPS. FOR ENDCAPS THAT ARE USED BETWEEN DC POWER MODULES AND DO NOT PLUG INTO A MULTI-UP BP POWER MODULE, ADD 2.00mm FOR EACH ENDCAP.

4. REFER TO TB-2140 FOR CROSSBOW PRODUCT SPECIFICATIONS.

(3) STATED PAD SIZE MAY REQUIRE FILLETING. SEE TB-2196 FOR ROUTING GUIDELINES.

(2) NO SURFACE TRACES IN KEEP OUT ZONE.

(1) FOR EACH ADDITIONAL POWER MODULE, ADD 6.00mm FOR 1 POSITION MODULES, 14.00mm FOR 2 POSITION MODULES, OR 22.00mm FOR 3 POSITION MODULES.

NOTES

TABLE 2

	DIM F	DIM G
1-UP MODULE	36.00	8.25
2-UP MODULE	44.00	16.25
3-UP MODULE	52.00	24.25

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

DESIGN 06/01/05 D.MANTER
DRAWN 06/03/05 R.CHIFFY
CHK XX/XX/XX D.MANTER
APVD XX/XX/XX T.COHEN

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM, DECIMAL MAKER IS PERIOD

INTERPRET PER ASME Y14.5M

CODE IDENT 31413

CUSTOMER USE DRAWING

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

TITLE: BACKPLANE POWER ASSEMBLY
CROSSBOW

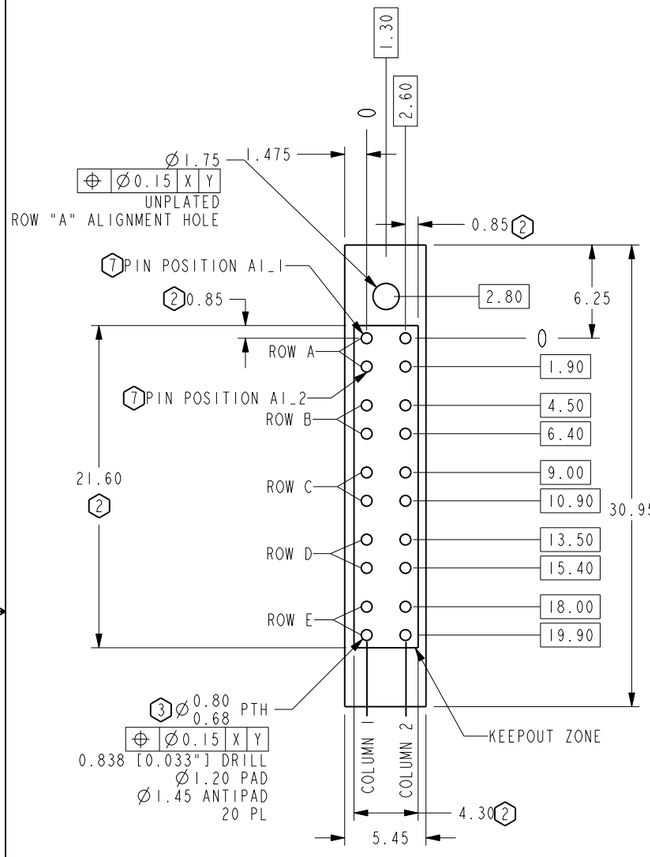
PART NO.	REV
SEE TABLE 1	02
DRAWING NO. C-440-6200-500	REV 02
ProePART Q1098-C-BP6-MULTI-POWER / Q1098-C440-6200-BP6-PWR-MODULE .dwg	1.0 / 1.2

SIZE B | SCALE 2/1 | SHEET 1 OF 2

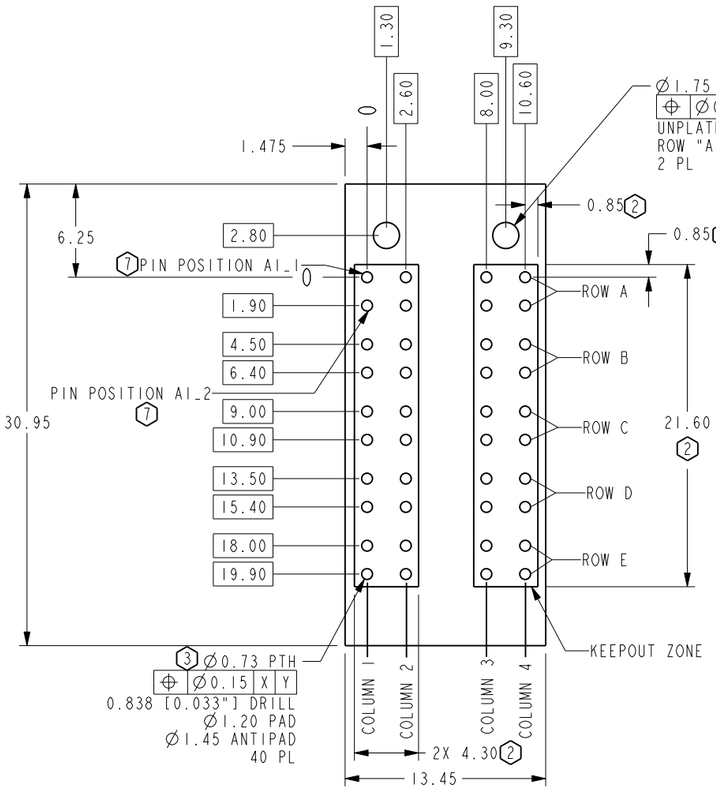
DRW NO. C-440-6200-500 | SH 1 | REV 02

DRW NO.	SH	REV
C-440-6200-500	2	02

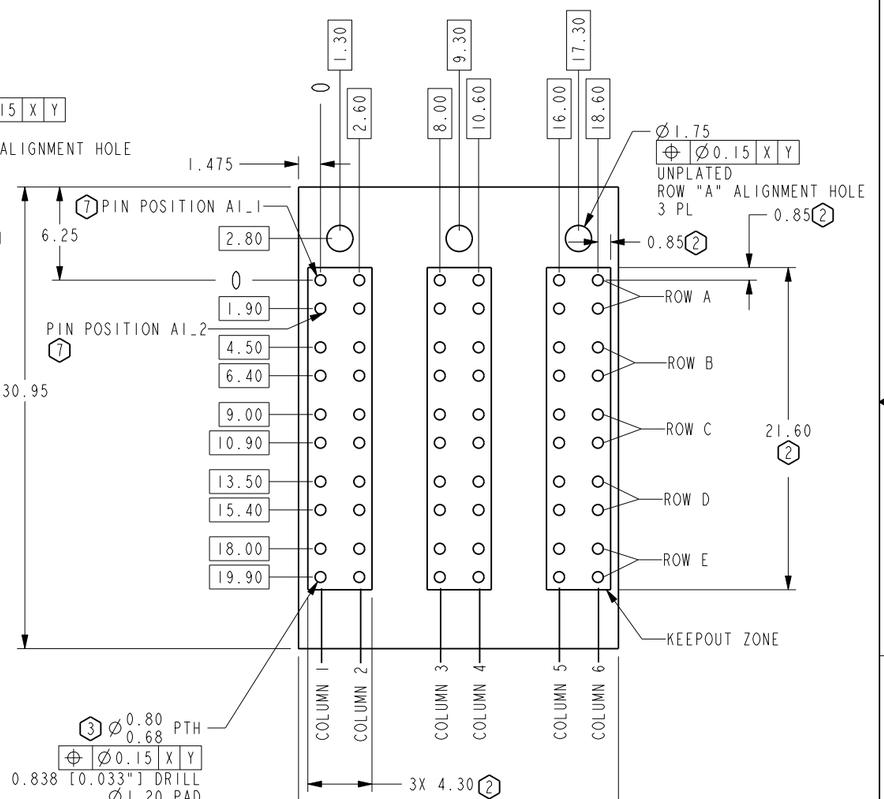
ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



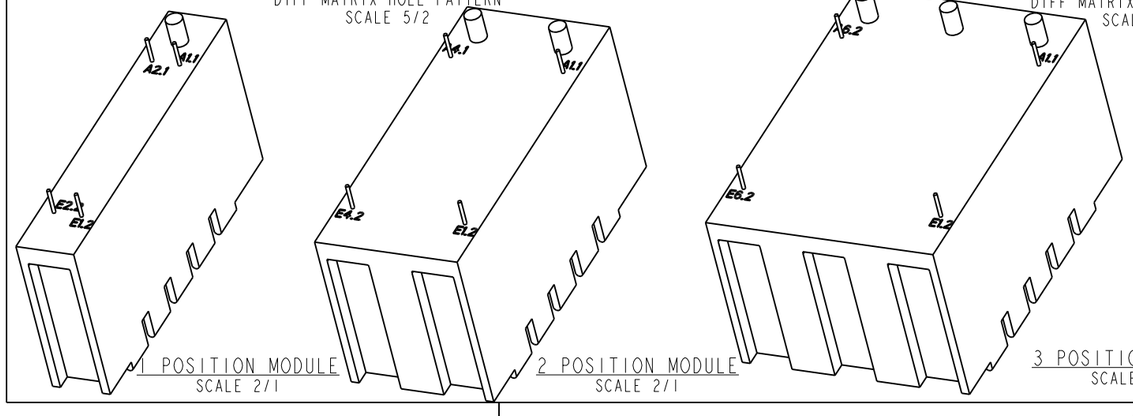
1 POSITION BP POWER
DIFF MATRIX HOLE PATTERN
SCALE 5/2



2 POSITION BP POWER
DIFF MATRIX HOLE PATTERN
SCALE 5/2



3 POSITION BP POWER
DIFF MATRIX HOLE PATTERN
SCALE 5/2



TOLERANCES	
.00	±.25
.000	±.13
.0000	-
ANGLES	-

DESIGN 06/01/05 D.MANTER
DRAWN 06/03/05 R.CHIFFY
CHK XX/XX/XX D.MANTER
APVD XX/XX/XX T.COHEN

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

INTERPRET PER ASME Y14.5M

CODE IDENT 31413

CUSTOMER USE DRAWING

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

TITLE
BACKPLANE POWER ASSEMBLY
CROSSBOW

PART NO.	REV
SEE TABLE 1	02
DRAWING NO. C-440-6200-500	REV 02
ProePART Q1098-C-BP6-SINGLE-POWER Q1098-C440-6200-BP6-PWR-MODULE .drw	1.0 1.2

SIZE B | SCALE 2/1 | SHEET 2 OF 2

DRW NO. C-440-6200-500 | SH 2 | REV 02