DRW NO.	SH	REV
C-958-4900-500	1	C

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
ALL	A	AASY-83VMAF.VER04	NEW RELEASE	HCL-GM	02/09/2009	D.SMITH
	B	DSMH-8JJKP6.VER01	UPDATED TABLE AND ISOMETRIC VIEW	HCL-IP	07/12/2011	D.SMITH
	C	DCOY-A83JLF.VER02	UPDATED PART MARKING REQUIREMENT IN NOTES.	HCL-SD	03/24/2016	D.COVEY

TABLE 1

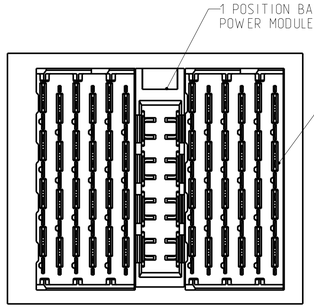
XCede BACKPLANE POWER CONNECTOR
ASSEMBLY PART NUMBER ASSIGNMENT

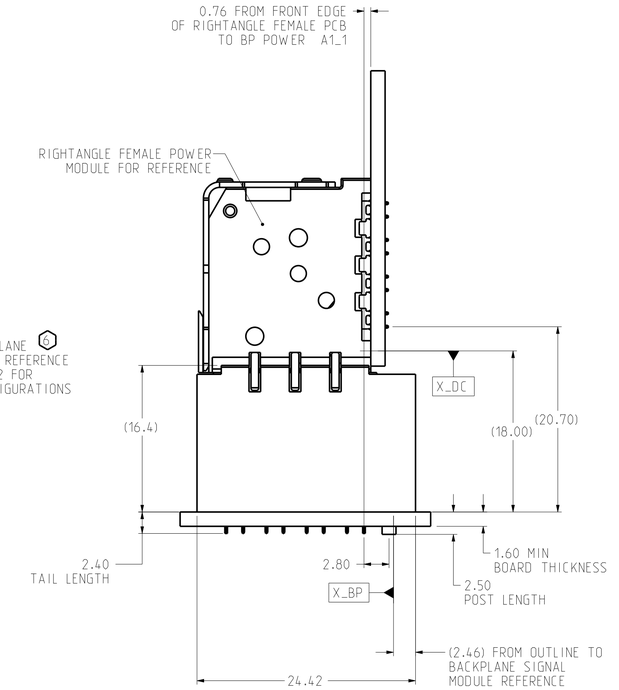
958 - 4 X X 0 - A 1 X

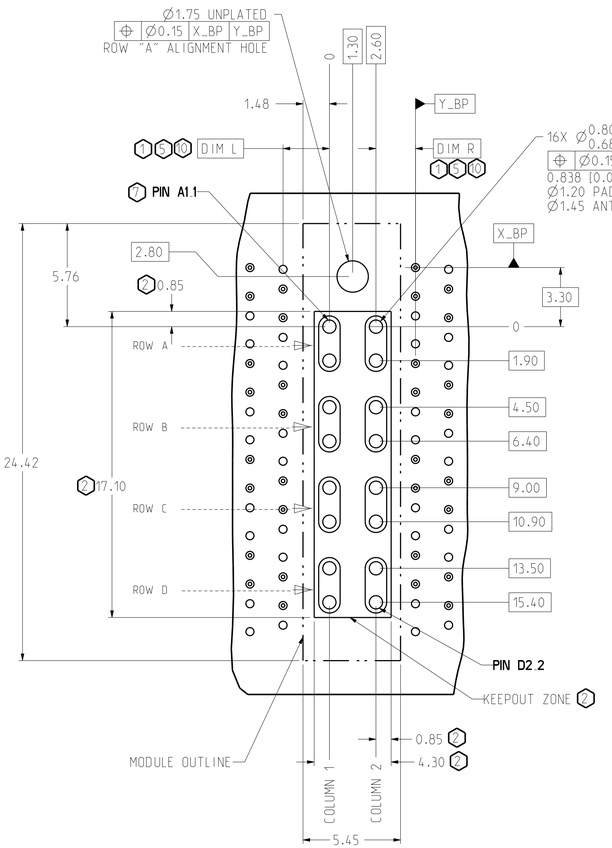
- XCede POWER MODULE LEAD OFF
- 4 = 4 PAIR
- WIPE LENGTH/CUSTOM OPTIONS:
  - 0 = NOT LOADED
  - 1 = 4.5 mm ALL POSITIONS
  - 2 = 6.0 mm ALL POSITIONS
  - 3 = 7.5 mm ALL POSITIONS
  - N = LEADFREE CUSTOM LOADED. ADVANCED PLATING (9)
  - L = CUSTOM LOADED. ADVANCED PLATING
  - 7 = LEADFREE CUSTOM LOADED
  - 8 = CUSTOM LOADED
- # OF POSITIONS:
  - 0 = 1 POSITION 1.85 MM PITCH
  - 1 = 2 POSITION 1.85 MM PITCH
  - 2 = 3 POSITION 1.85 MM PITCH
- 0 = STANDARD HEIGHT
- 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

TABLE 2 (10)

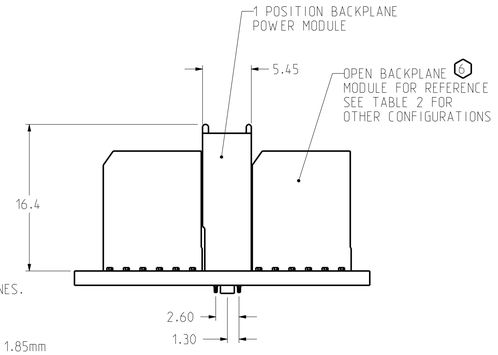
CONFIGURATION	DIM L	DIM R
OPEN	2.59	2.21
LEFT POLARIZED	2.59	9.61
RIGHT POLARIZED	9.99	2.21
LEFT WALL	2.59	4.06
RIGHT WALL	4.44	2.21
TWO WALL	4.44	4.06

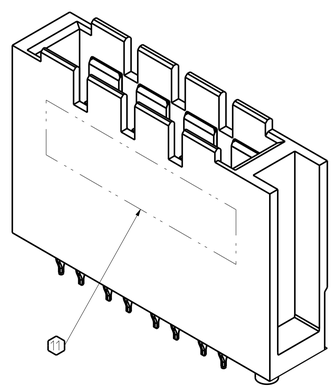






RECOMMENDED BACKPLANE POWER
1 POSITION HOLE PATTERN
SCALE 6/1





ISOMETRIC VIEW
1 POSITION
SCALE 5/1

NOTES:

1. FOR EACH ADDITIONAL POWER MODULE, ADD 5.55mm FOR 1 POSITION MODULES. 12.95mm FOR 2 POSITION MODULES, OR 20.35mm FOR 3 POSITION MODULES.
2. NO SURFACE TRACES IN KEEPOUT ZONE.
3. STATED PAD SIZE MAY REQUIRE FILLETING. SEE TB-2149 FOR ROUTING GUIDELINES.
4. REFER TO TB-2150 FOR XCede PRODUCT SPECIFICATIONS.
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 1.85mm FOR EACH ENDCAP.
6. REFER TO BP CUSTOMER USE DRAWINGS FOR ROW AND COLUMN ASSIGNMENTS.
7. BLADE POSITION A# CONTAINS PINS A#_1 AND A#_2.
8. 2 POSITION AND 3 POSITION MODULES WILL ACCEPT DC ENDCAPS BETWEEN DC POWER MODULES WITH NO ADDITIONAL SPACING REQUIRED.
9. IF THE 5TH DIGIT OF THE PART NUMBER IS N, L, 7 OR 8, INDICATING A CUSTOM PART NUMBER, DIGITS 6 THROUGH 10 ARE NOT SIGNIFICANT, AND DO NOT FOLLOW THE PARADIGM IN THIS TABLE.
10. SEE TABLE 2 FOR OFFSET DIMENSION FOR ADJACENT SIGNAL COLUMN OF ALL CONFIGURATIONS.
11. SEE TB-2325 FOR PART MARKING REQUIREMENTS.

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 09/08/2006 A.ASTBURY
DRAWN 09/08/2006 C.LEIGHTON
CHK 09/09/2006 LEIGHTON
APVD 09/10/2006 A PFAHNL

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

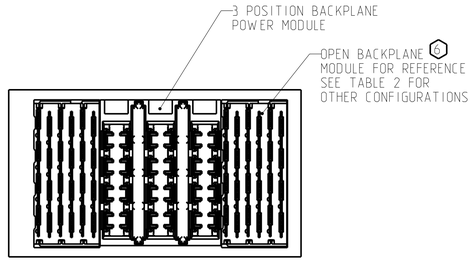
TITLE: BACKPLANE POWER ASSEMBLY
XCede 4 PAIR STANDARD PROFILE HEIGHT

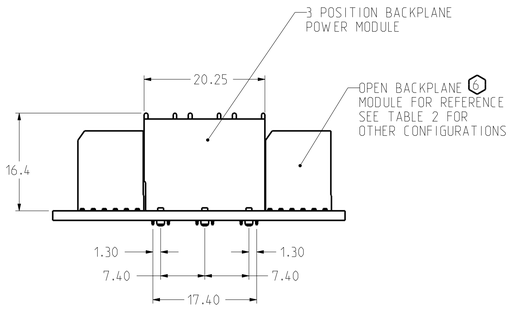
PART NO.	REV
SEE TABLE 1	N/A
DRAWING NO. C-958-4900-500	REV C
ASSEM Q1109-CONNECTOR4-POWERED DRAWING C958-4900-500	5.7 B.5
SIZE D	SCALE 3/1	SHEET 1 OF 2

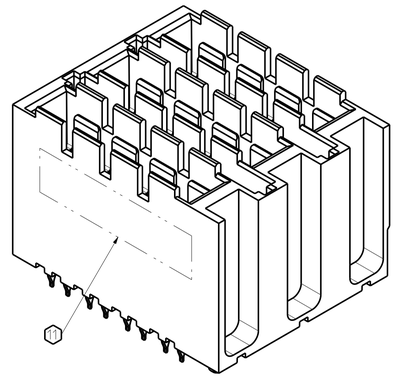
DRW NO. C-958-4900-500 SH 1 REV C

DRW NO.	SH	REV
C-958-4900-500	2	C

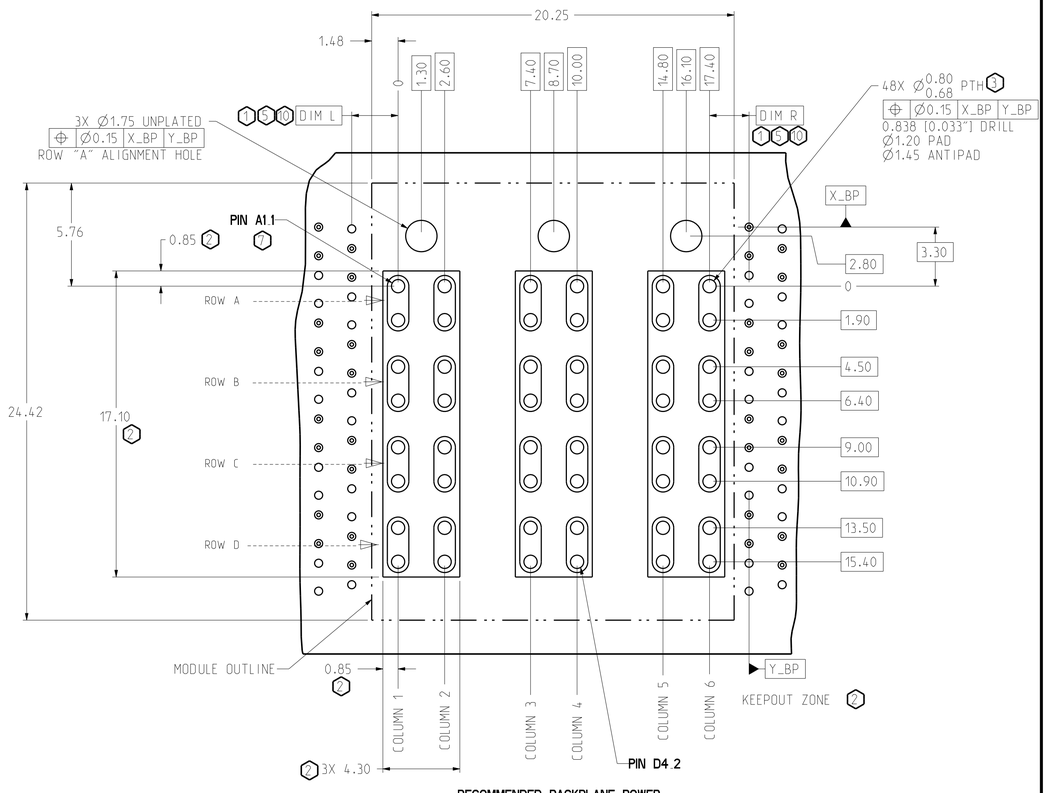
ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



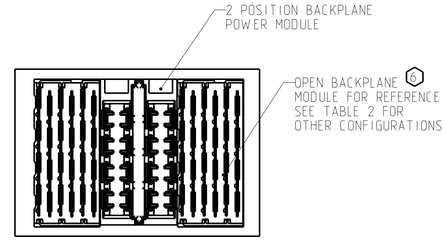


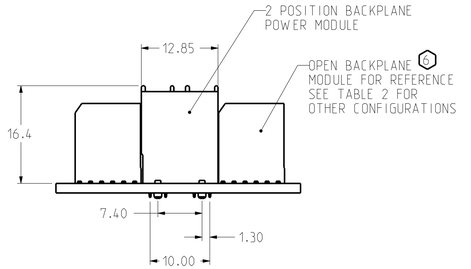


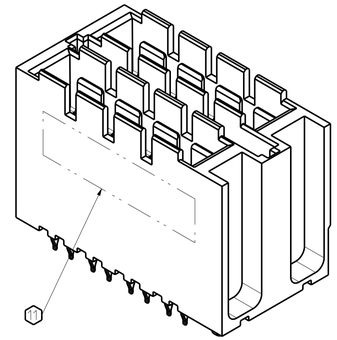
ISOMETRIC VIEW
3 POSITION
SCALE 4/1



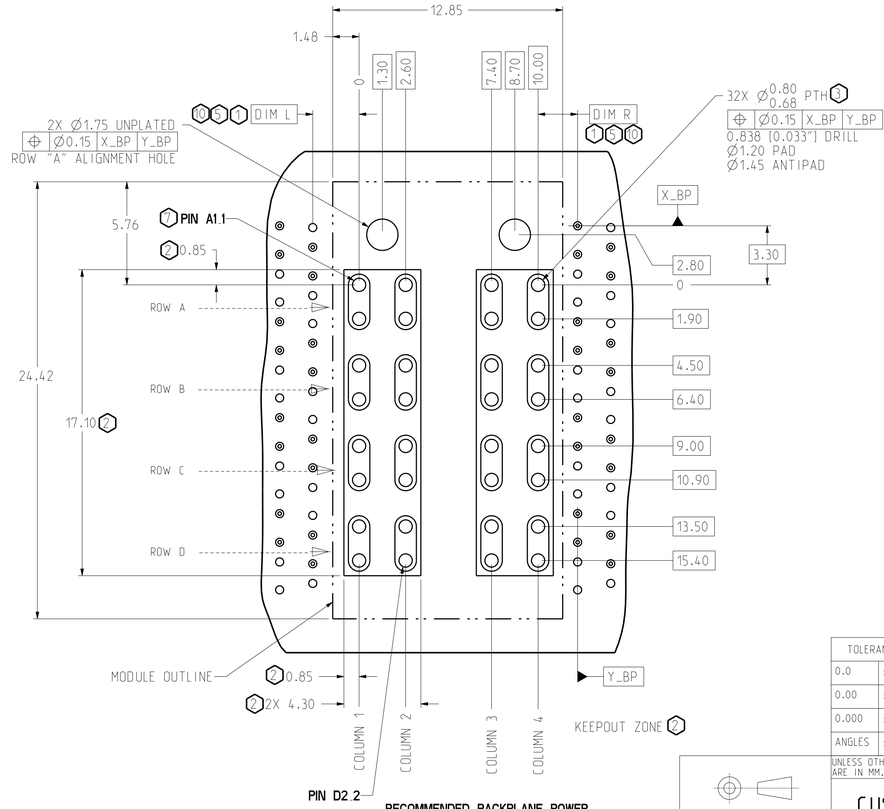
RECOMMENDED BACKPLANE POWER
3 POSITION HOLE PATTERN
SCALE 6/1







ISOMETRIC VIEW
2 POSITION
SCALE 4/1



RECOMMENDED BACKPLANE POWER
2 POSITION HOLE PATTERN
SCALE 6/1

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

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TITLE: BACKPLANE POWER ASSEMBLY
XCede 4 PAIR STANDARD PROFILE HEIGHT

PART NO. SEE TABLE 1 REV. N/A

DRAWING NO. C-958-4900-500 REV C

ASSEM Q1109-CONNECTOR4-POWERED 5.7
DRAWING C958-4900-500 B.5

SIZE D | SCALE 3/1 | SHEET 2 OF 2

DRW NO. C-958-4900-500 | SH 2 | REV C