DRW NO.	SH	REV
C-335-4105-500	1	A

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
ALL	-	DSMH-726HWR.VER01	NEW RELEASE	HCL-SD	04/12/2007	D.SMITH
	A	MCHU-76HMLS.VER02	KEEP OUT ZONES ADDED	HCL AP	10/09/2007	D.SMITH

LEFT POLARIZING BACKPLANE MODULE ASSEMBLY PART NUMBER ASSIGNMENT

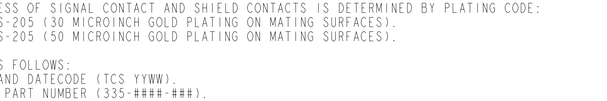
335 - X I XX - X X X

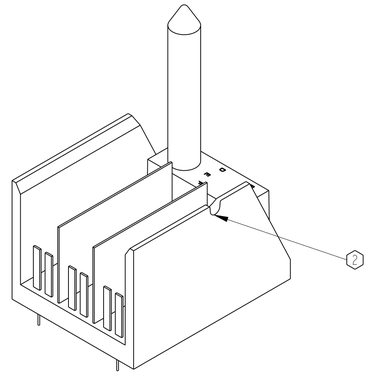
- LOAD: 4 = STANDARD LOADED; 7 = CUSTOM LOADED (1)
- NUMBER OF COLUMNS: 05 = 5 COLUMN MODULE; 10 = 10 COLUMN MODULE; 25 = 25 COLUMN MODULE
- POLARIZING PIN LOCATION CODE (SEE TABLE II)
- PLATING CODE (4): 0 = 735; 1 = 732
- MINIMUM PIN WIPE LENGTH, SEE DETAIL U: 3 = 1.00 mm WIPE; 4 = 2.00 mm WIPE; 5 = 3.00 mm WIPE

TABLE 1

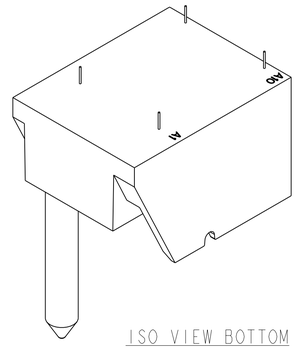
ASSEMBLY PART NUMBER	REV	K	(L)	P	TOTAL NUMBER OF DIFFERENTIAL PAIRS
335-X105-XXX	-	4	(7.4)	15.53	15
335-X105-XXX	-	9	(16.65)	24.78	30
335-X105-XXX	-	24	(44.40)	52.53	75

TABLE II

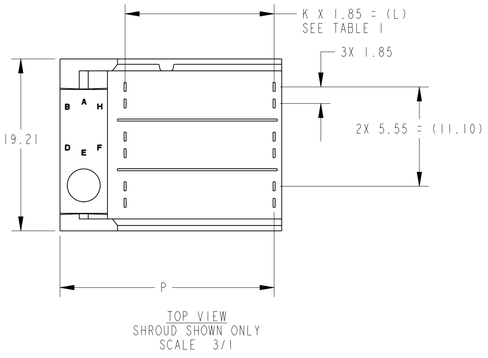
PART NUMBER 335-XIXX-(XXX)	-0XX	-AXX	-BXX	-CXX	-DXX	-EXX	-FXX	-GXX	-HXX
POLARIZING PIN ORIENTATION									



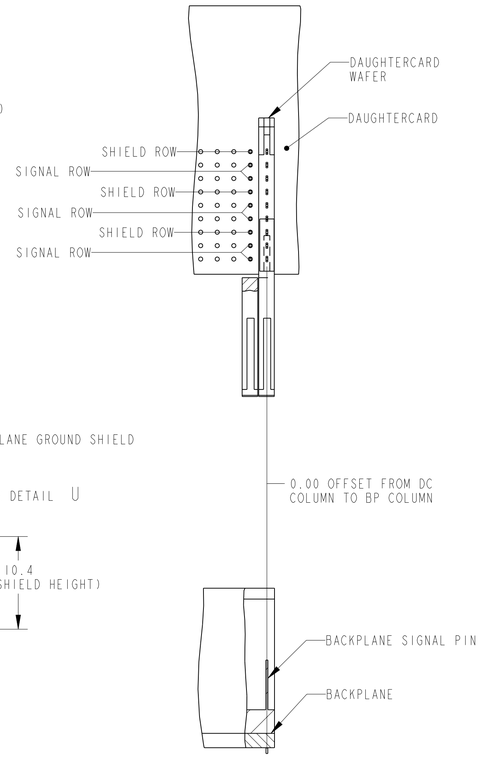
ISO VIEW
SCALE 3/1



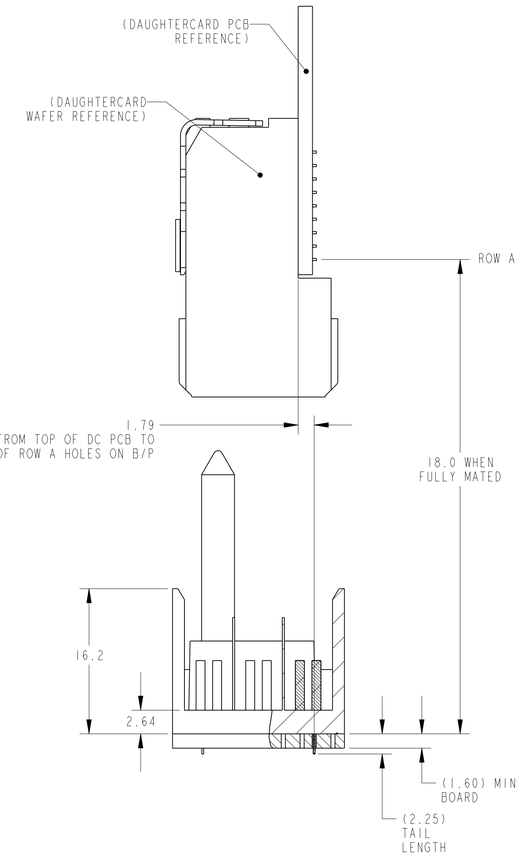
ISO VIEW BOTTOM
SCALE 3/1

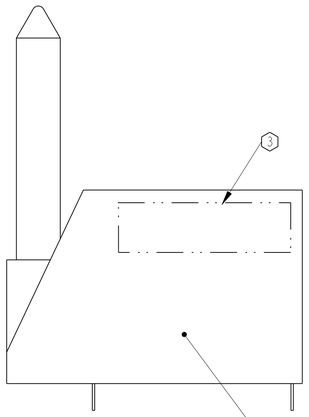


TOP VIEW
SHROUD SHOWN ONLY
SCALE 3/1

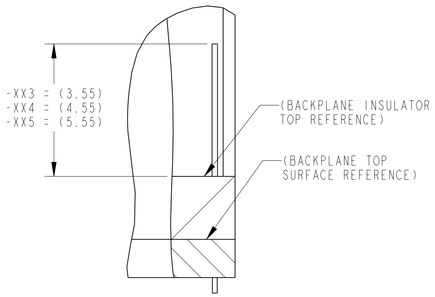


INITIAL ENGAGEMENT

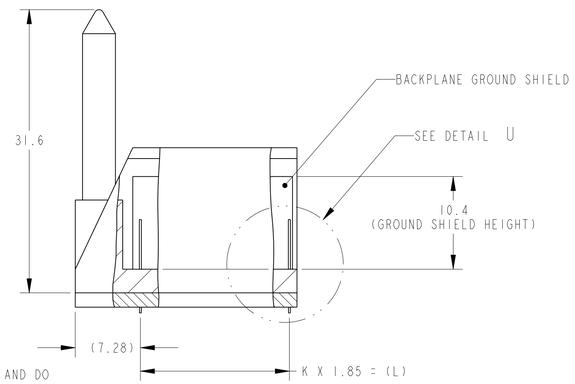




SCALE 4/1



DETAIL U
SCALE 8/1



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

6. USE MATING GAUGE PART NUMBER XXX-XXXX-XXX AFTER INSERTION ONTO BOARD TO CHECK POSITION OF BLADES.

5. FOR REPAIR PROCEDURE FOR SIGNAL BLADE, SEE TB-2099.

(4) PLATING THICKNESS OF SIGNAL CONTACT AND SHIELD CONTACTS IS DETERMINED BY PLATING CODE:
0 = 735 PER EGS-205 (30 MICROINCH GOLD PLATING ON MATING SURFACES).
1 = 732 PER EGS-205 (50 MICROINCH GOLD PLATING ON MATING SURFACES).

(3) PART MARKING AS FOLLOWS:
LINE 1: "TCS" AND DATECODE (TCS YYWW).
LINE 2: MODULE PART NUMBER (335-####-###).
LINE 3: WORK ORDER NUMBER (####*######), WHERE "*" DENOTES MANUFACTURING LOCATION.

(2) NOTCH DESIGNATES "ROW A" SIDE OF SHROUD. NOTCH FEATURE ON OPPOSITE SIDE FROM PART MARKING.

1. REFER TO TB-2085 FOR GbX PRODUCT SPECIFICATIONS.

NOTES:

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

INTERPRET PER ASME Y14.5M

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

CODE IDENT 31413

CUSTOMER USE DRAWING

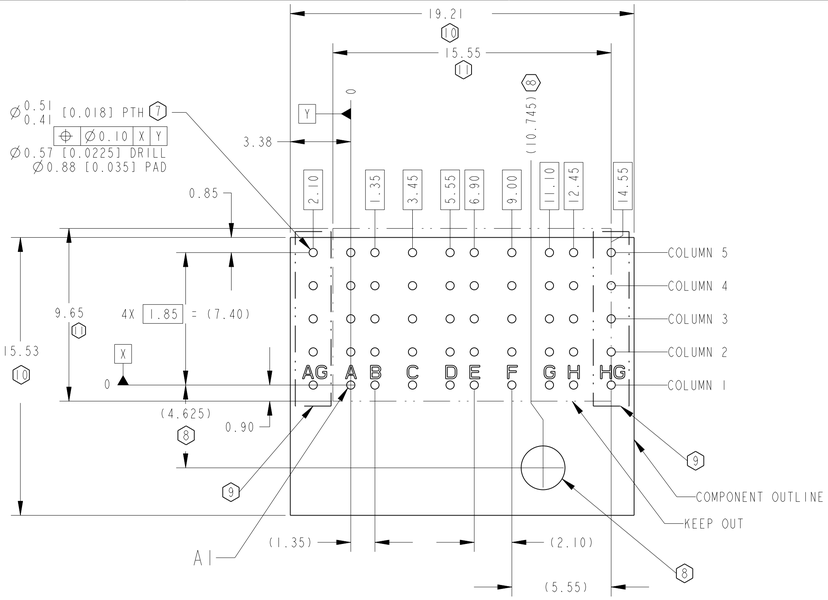
DESIGN 07/17/2006 M.DEROSA
DRAWN 07/18/2006 M.DEROSA
CHK 07/18/2006 B.RICHARD
APVD 04/12/2007 D.SMITH

Amphenol TCS
A Division of Amphenol Corporation
44 Simon Street, Nashua, NH, 03060 603.879.3000

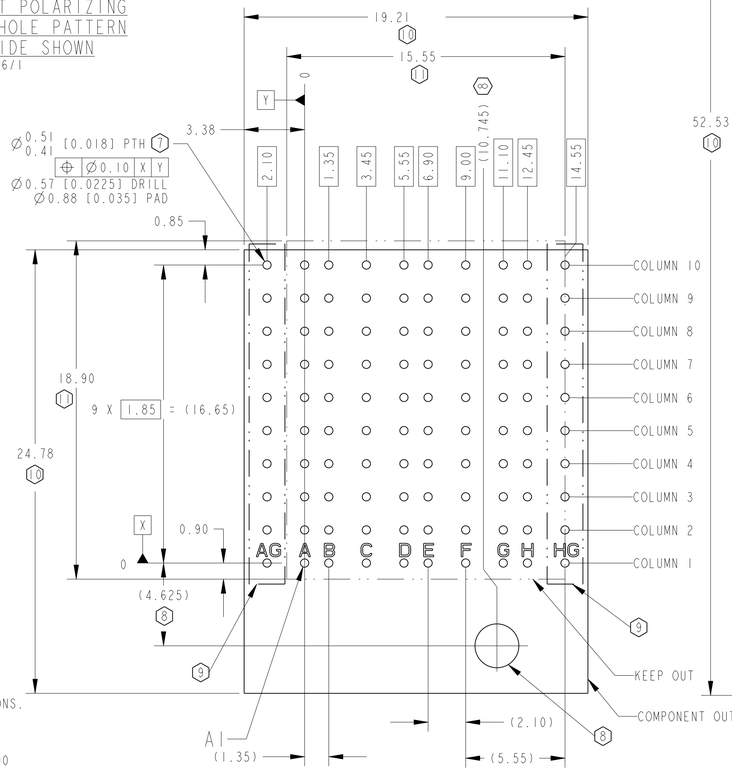
TITLE: LEFT POLARIZED BACKPLANE MODULE
3 PAIR GbXe

PART NO.	SEE TABLE I	REV
DRAWING NO.	C-335-4105-500	REV A
ProE ASSEM	SI-P1031-CU-HS-BP-SHRD-LTPOL-10 P1031-CU-HS-BP-SHRD-LTPOL .drw	1.2 1.6
SIZE D	SCALE 3/1	SHEET 1 OF 2

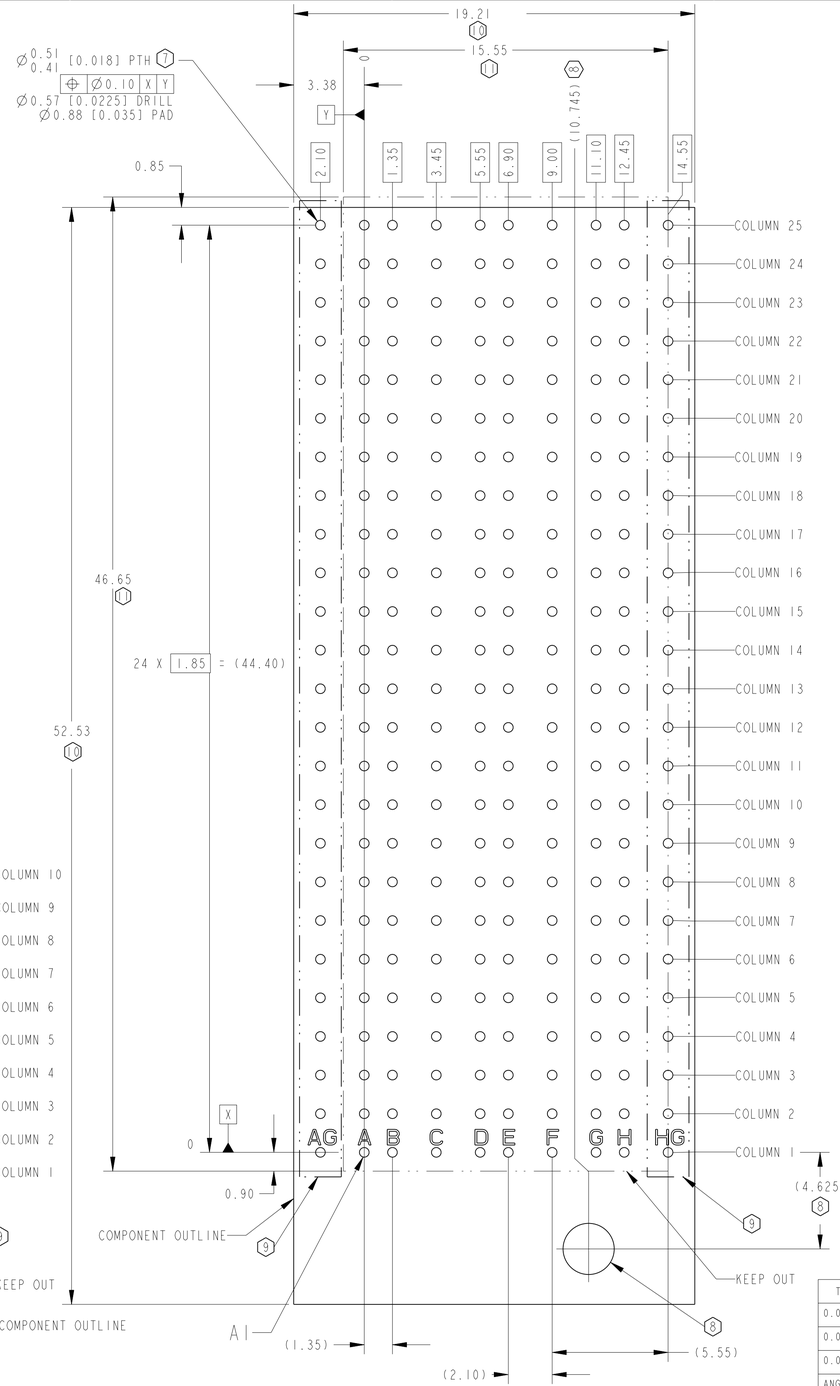
DRW NO. C-335-4105-500 | SH 1 | REV A



5 POSITION LEFT POLARIZING
GbX BACKPLANE HOLE PATTERN
COMPONENT SIDE SHOWN
SCALE 6/1



10 POSITION LEFT POLARIZING
GbX BACKPLANE HOLE PATTERN
COMPONENT SIDE SHOWN
SCALE 6/1



25 POSITION LEFT POLARIZING
GbX BACKPLANE HOLE PATTERN
COMPONENT SIDE SHOWN
SCALE 7/1

11 NO SURFACE TRACES IN THE KEEP OUT ZONES

10 SEE DOCUMENT 190-0006-000 FOR KEEPOUT ZONES.

9 ADDITIONAL ROWS AG AND HG RECOMMENDED FOR ALL APPLICATIONS. (THESE ROWS SHOULD BE CONNECTED TO GROUND.)

8 OPTIONAL HOLE LOCATION FOR GROUNDED PIN OR ADDITIONAL GUIDE PIN SUPPORT. SEE DRAWING C-564-0471-000 FOR DETAIL AND LOCATION. FOR DC BOARD WEIGHT > 81BS., REFER TO TB-2104 FOR PROPER GUIDE PIN SIZING.

7 STATED PAD SIZE MAY REQUIRE FILLETING. FOR DETAILED ROUTING GUIDELINES, SEE TB-2090.

NOTES:

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

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

INTERPRET PER ASME Y14.5M

CODE IDENT 31413

DESIGN 07/17/2006 M.DEROSA
DRAWN 07/18/2006 M.DEROSA
CHK 07/18/2006 B.RICHARD
APVD 04/12/2007 D.SMITH

CUSTOMER USE DRAWING

Amphenol TCS
A Division of Amphenol Corporation
44 Simon Street, Nashua, NH, 03060 603.879.3000

TITLE: LEFT POLARIZED BACKPLANE MODULE
3 PAIR GbXe

PART NO.	REV
SEE TABLE 1	
DRAWING NO. C-335-4105-500	REV A
ProE ASSEM S1-P1031-CU-HS-BP-SHRD-LTPOL-10 P1031-CU-HS-BP-SHRD-LTPOL .drw	1.2 1.6
SIZE D	SCALE 1/1 SHEET 2 OF 2

DRW NO. C-335-4105-500 | SH 2 | REV A