

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
	-	SBAR-6M9PY8.VER01	NEW RELEASE	HCL	03/03/06	D.SMITH
	A	MCHU-76HLQV.VER03	ADDING KEEPOUT ZONES	HCL-GM	09/19/07	D.SMITH

RIGHT POLARIZING BACKPLANE MODULE
ASSEMBLY PART NUMBER ASSIGNMENT

345 - X 0 XX - X X X

- LOAD ⑦
- 4 = STANDARD LOADED
 - 7 = CUSTOM LOADED
 - 8 = LEAD FREE CUSTOM
- MINIMUM PIN WIPE LENGTH, SEE DETAIL U
- 3 = 1.00 mm WIPE
 - 4 = 2.00 mm WIPE
 - 5 = 3.00 mm WIPE
- NUMBER OF COLUMNS
- 05 = 5 COLUMN MODULE
 - 10 = 10 COLUMN MODULE
 - 25 = 25 COLUMN MODULE
- PLATING CODE ④
- 0 = 735
 - 1 = 732
 - 2 = 769
 - 3 = 768
- POLARIZATION-SEE TABLE II

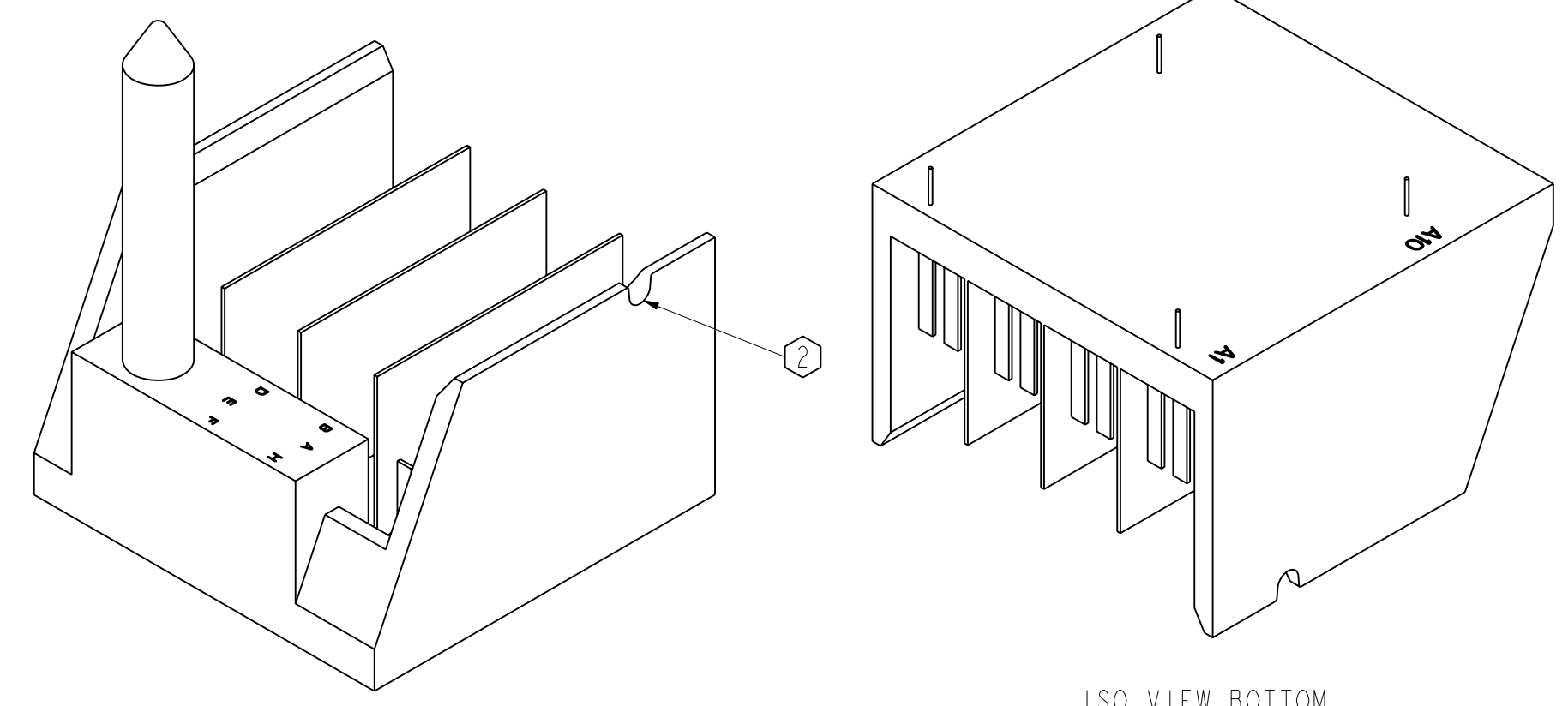
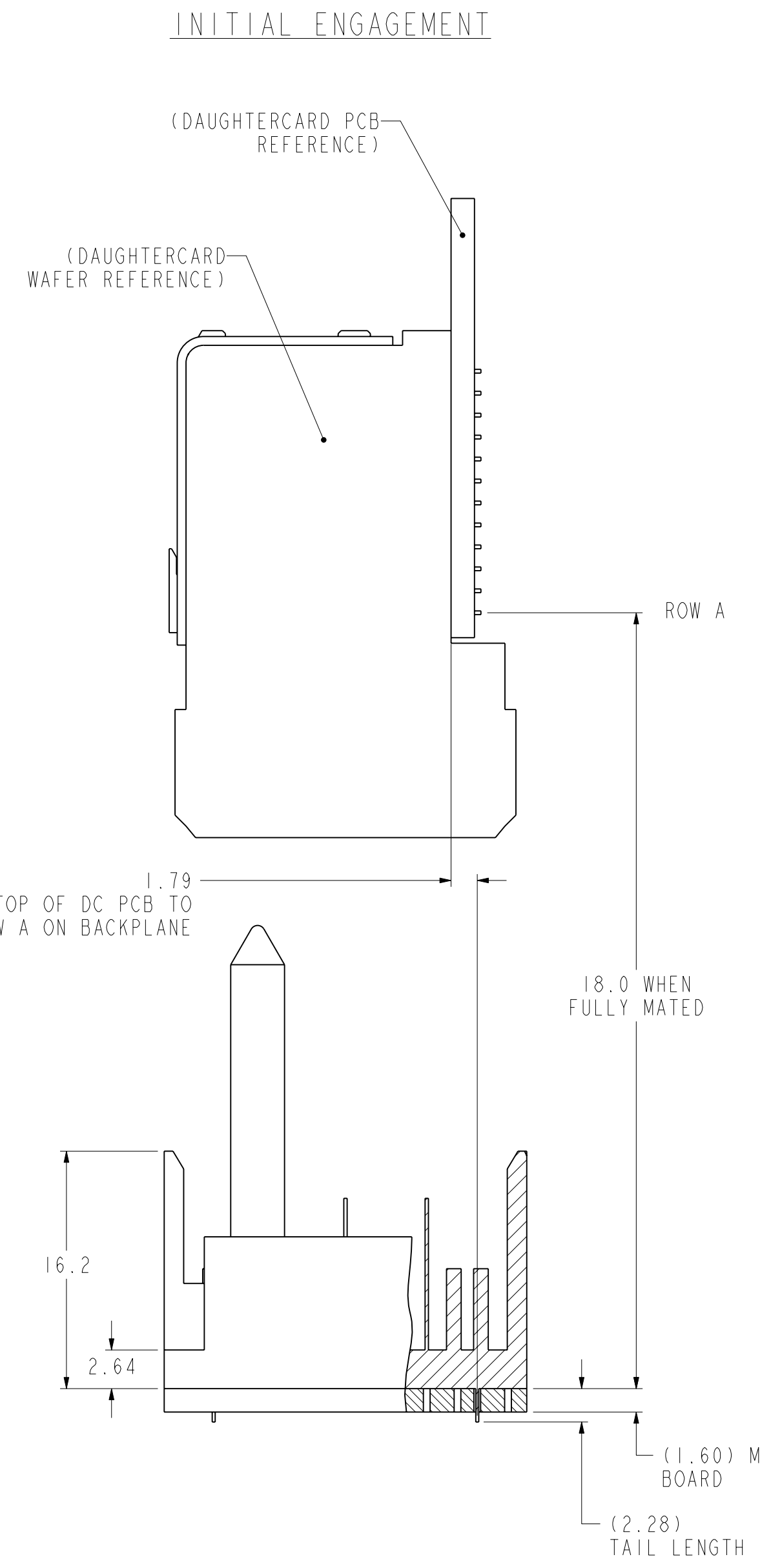
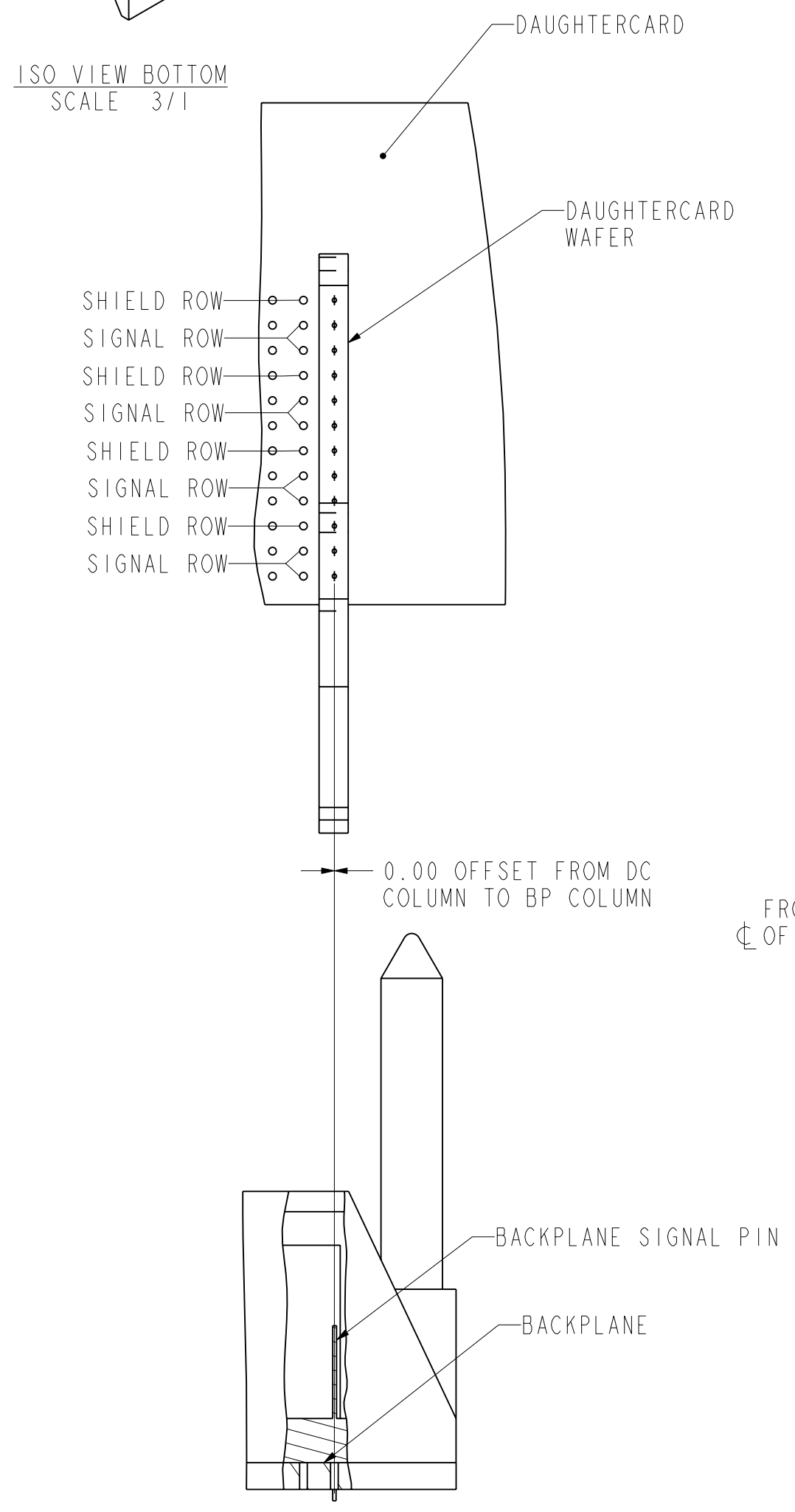
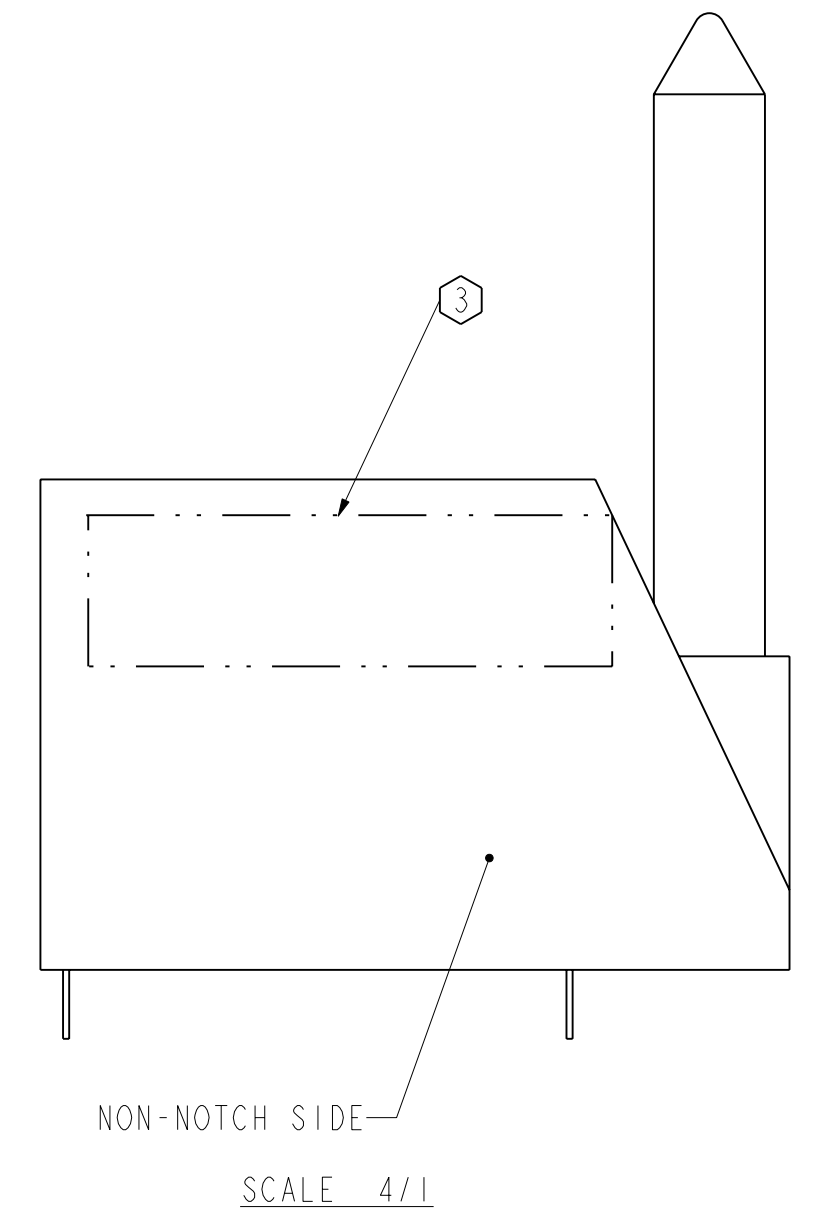
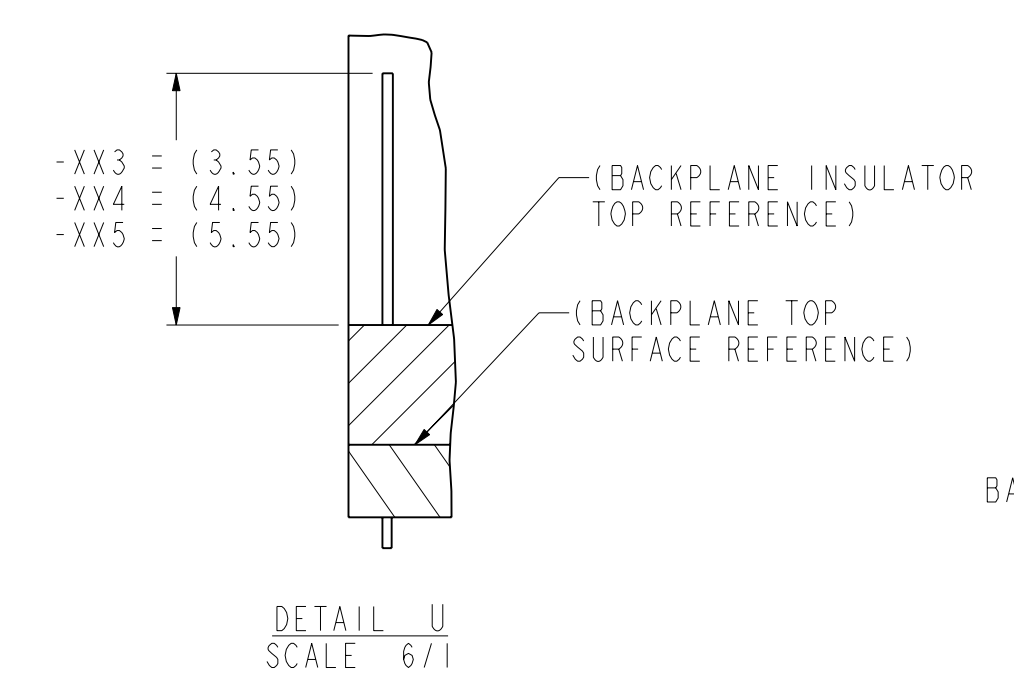
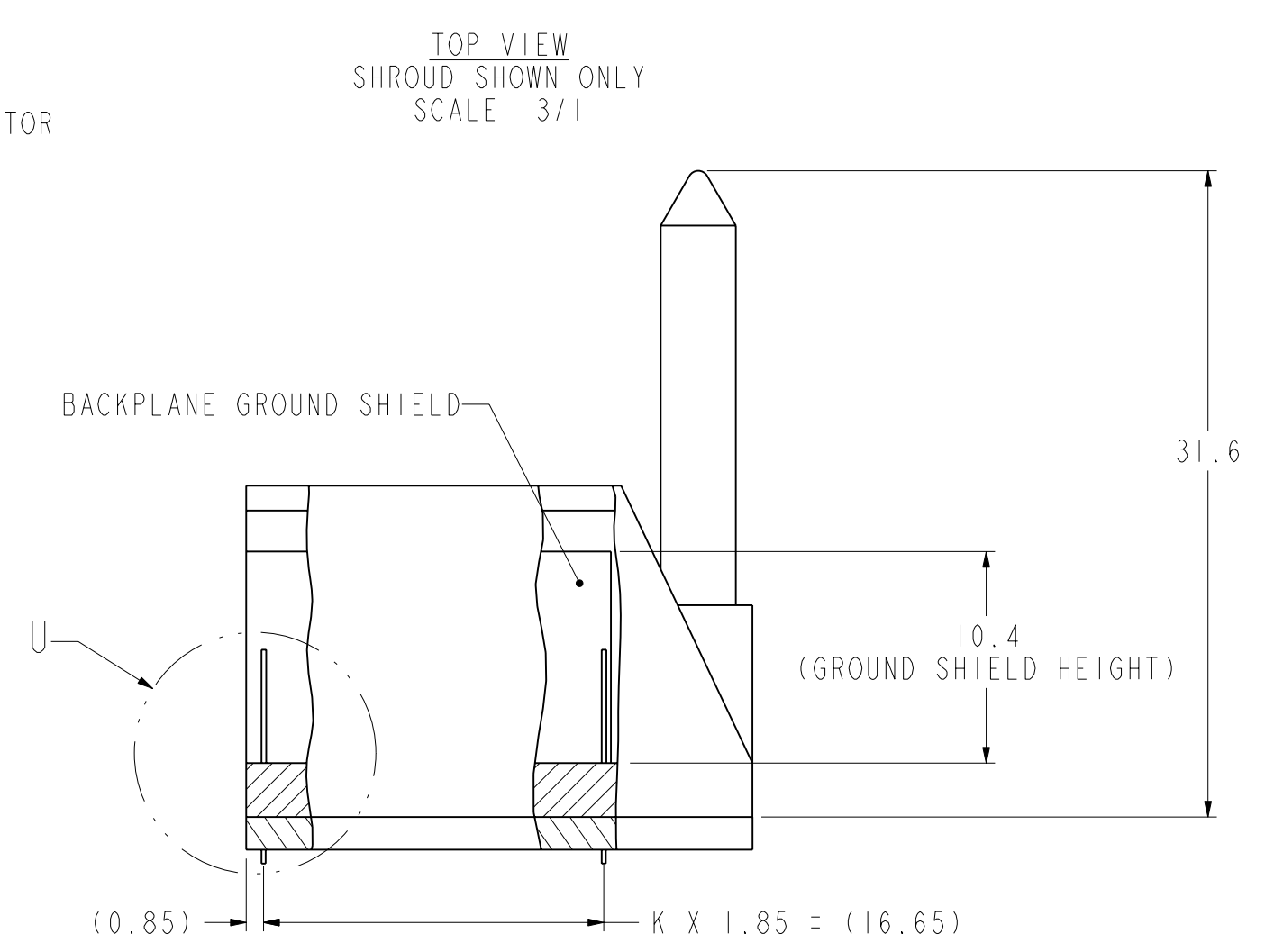
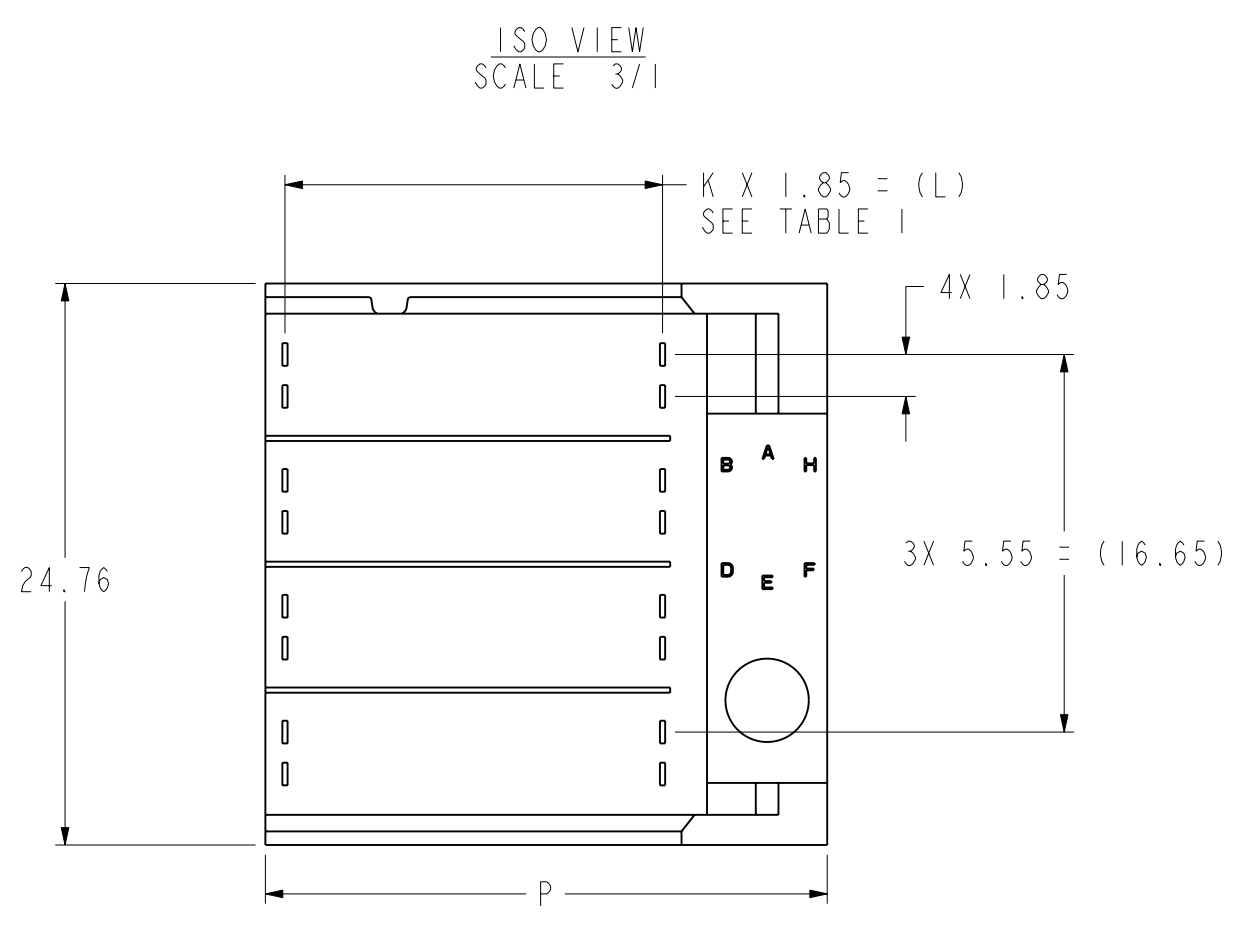


TABLE I

ASSEMBLY PART NUMBER	REV	K	(L)	P	TOTAL NUMBER OF DIFFERENTIAL PAIRS
345-4005-0XX	-	4	(7.40)	9.10	20
345-4010-0XX	-	9	(16.65)	24.78	40
345-4025-0XX	-	24	(44.40)	52.53	100

TABLE II

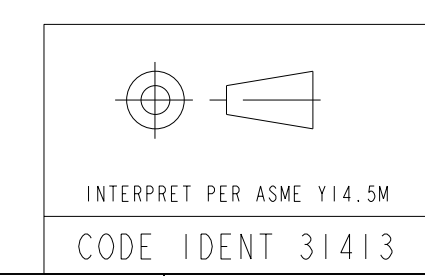
PART NUMBER 345-40XX-(XXX)	-0XX	-AXX	-BXX	-CXX	-DXX	-EXX	-FXX	-GXX	-HXX
POLARIZING PIN ORIENTATION									



- ⑦ IF THE 4TH DIGIT OF THE PART NUMBER IS A 7 OR 8, 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 699-1085-000 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).
 - 2 = 769 PER EGS-205 (30 MICROINCH GOLD ... LEAD FREE COMPLIANT)
 - 3 = 768 PER EGS-205 (50 MICROINCH GOLD ... LEAD FREE COMPLIANT)
- ③ PART MARKING AS FOLLOWS:
- LINE 1: "TCS" AND DATECODE (TCS YYWW).
 - LINE 2: MODULE PART NUMBER (345-####-###).
 - 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 G6X PRODUCT SPECIFICATIONS.

NOTES:



TOLERANCES	DESIGN	DATE	DESIGNER
0.0	±0.25	01-10-2006	M.DEROSA
0.00	±0.13	01-11-2006	M.DEROSA
0.000	±	01-11-2006	B.RICHARD
ANGLES	±	01-11-2006	B.RICHARD

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

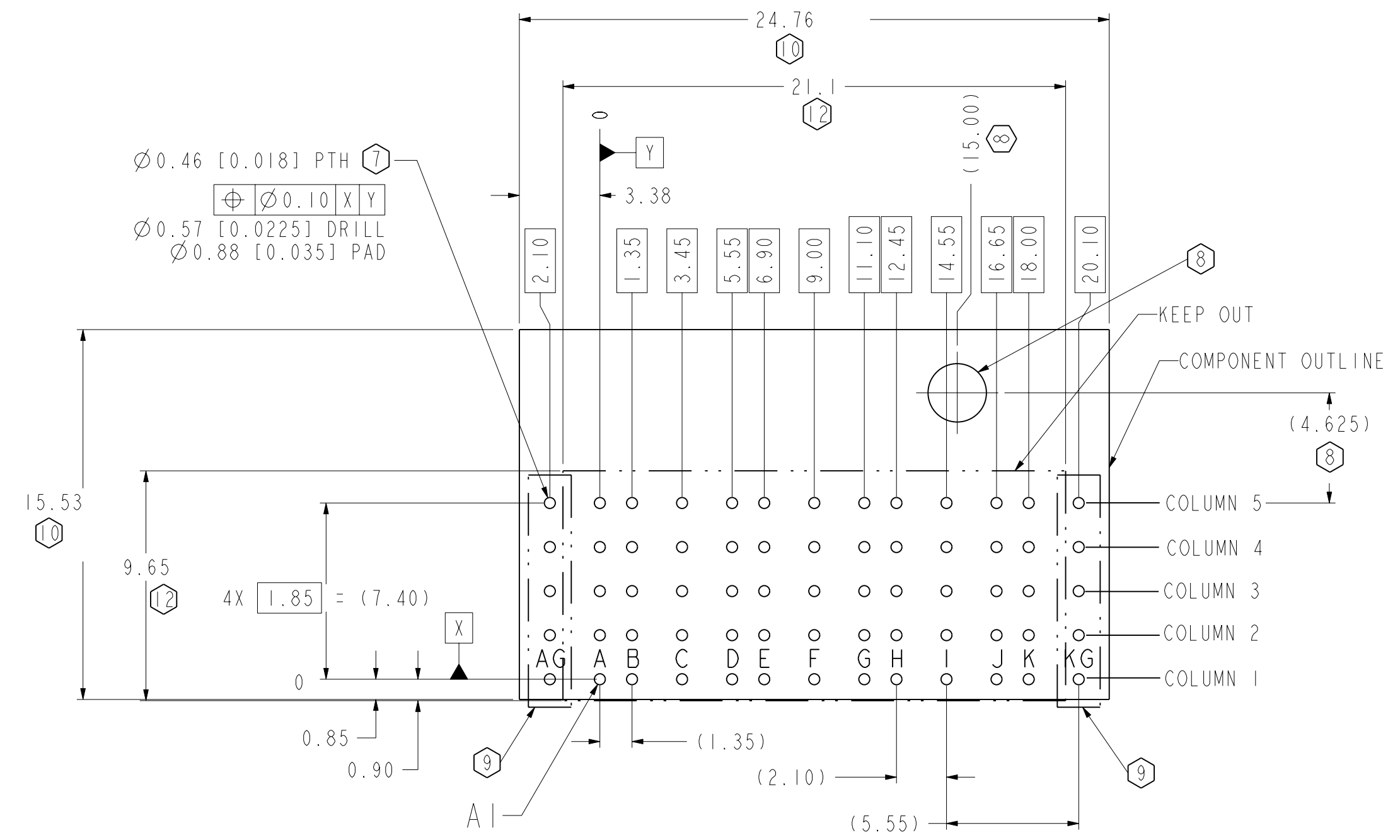
CUSTOMER USE DRAWING

TITLE	G6XE, 4 PAIR DIFFERENTIAL RIGHT POLARIZING BACKPLANE MODULE
PART NO.	SEE TABLE I
DRAWING NO.	C-345-4005-500
SIZE	D
SCALE	3/1
SHEET	1 OF 2

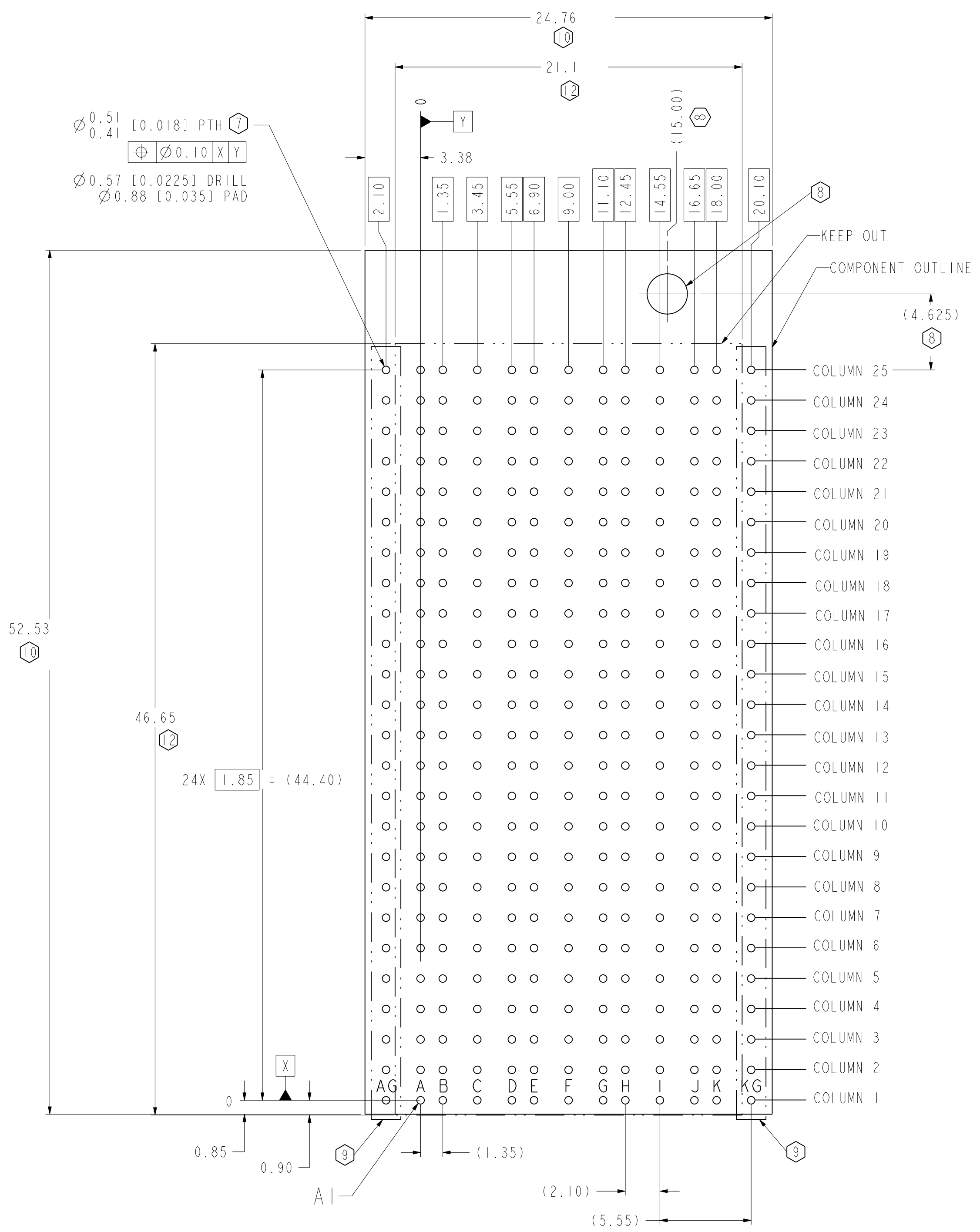
DRW NO. C-345-4005-500

SH 1 REV A

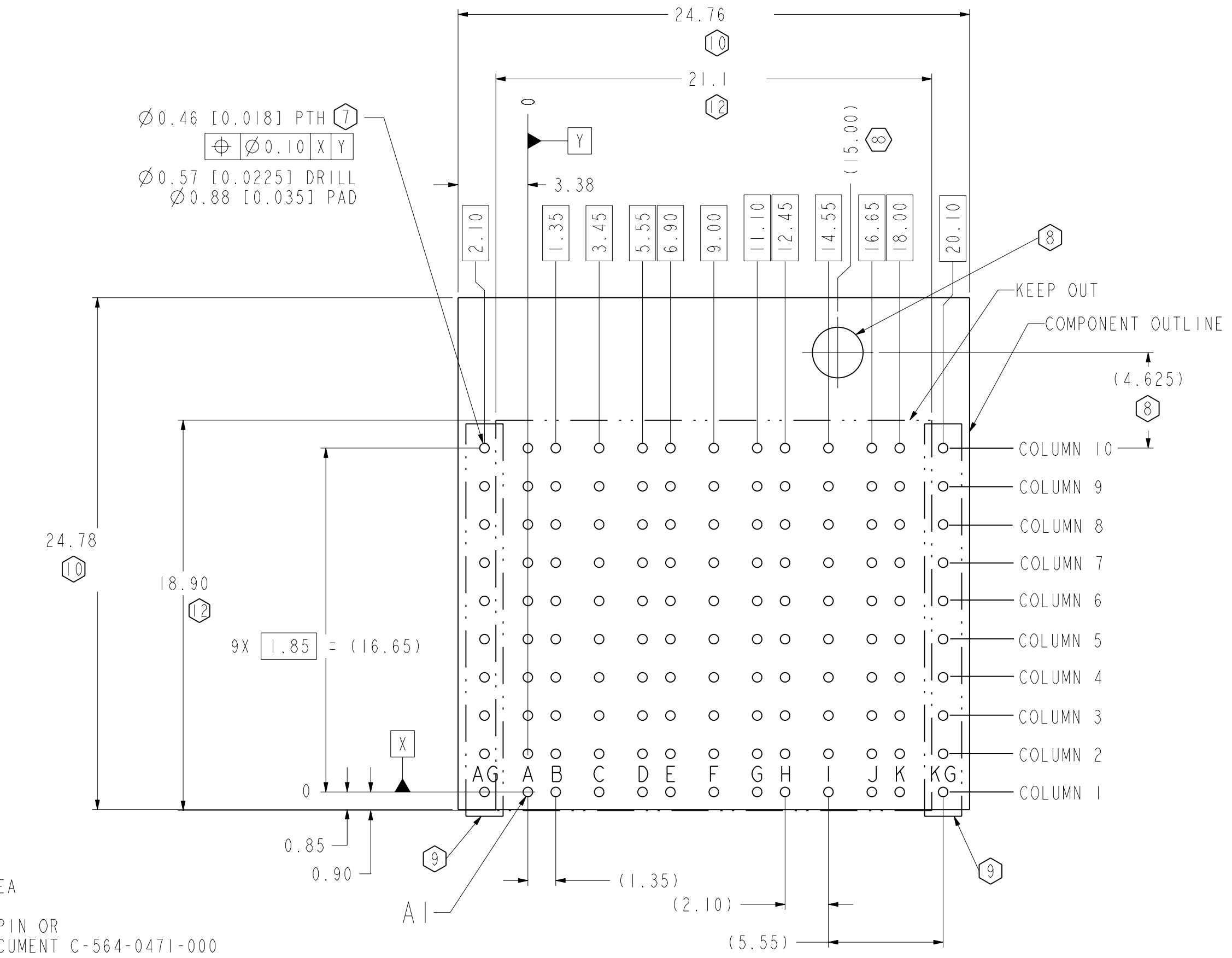
ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET I			



5 POSITION RIGHT POLARIZING
GbXe BACKPLANE HOLE PATTERN
COMPONENT SIDE SHOWN
SCALE 5/1



25 POSITION RIGHT POLARIZING
GbXe BACKPLANE HOLE PATTERN
COMPONENT SIDE SHOWN
SCALE 5/1



10 POSITION RIGHT POLARIZING
GbXe BACKPLANE HOLE PATTERN
COMPONENT SIDE SHOWN
SCALE 5/1

- NOTES:
- 1 NO SURFACE TRACES IN THE KEEP OUT AREA
 - 1 OPTIONAL HOLE LOCATION FOR GROUNDED PIN OR ADDITIONAL GUIDE PIN SUPPORT. SEE DOCUMENT C-564-0471-000 FOR DETAIL AND LOCATION. FOR DC BOARD WEIGHT > 8IBS., REFER TO TB-2104 FOR PROPER GUIDE PIN SIZING.
 - 10 ADDITIONAL ROWS AG AND HG RECOMMENDED FOR ALL APPLICATIONS. (THESE ROWS SHOULD BE CONNECTED TO GROUND.)
 - 9 SEE DOCUMENT 190-0002-000 FOR TOOLING KEEPOUT ZONES.
 - 8 STATED PAD SIZE MAY REQUIRE FILLETING. FOR DETAILED ROUTING GUIDELINES, SEE TB-2090.

TOLERANCES		DESIGN 01-10-2006	Amphenol TCS	
0.0	±0.25	M. DEROSA	A Division of Amphenol Corporation 44 Simon Street, Nashua, NH, 03060 603.879.3000	
0.00	±0.13	DRAWN 01-11-2006	TITLE GbXe, 4 PAIR DIFFERENTIAL RIGHT POLARIZING BACKPLANE MODULE	
0.000	±	CHK 01-11-2006	PART NO. SEE TABLE I	
ANGLES	±	APVD 01-11-2006	DRAWING NO. C-345-4005-500	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM, DECIMAL MAKER IS PERIOD			REV A	
INTERPRET PER ASME Y14.5M			CUSTOMER USE DRAWING	
CODE IDENT 31413			SIZE D SCALE 3/1 SHEET 2 OF 2	

DRW NO. C-345-4005-500

SH 2 REV A