

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
ALL	-	SBAR-6MALEG.VER01	NEW RELEASE	HCL	02/24/06	D. SMITH

LEFT POLARIZED BACKPLANE MODULE
ASSEMBLY PART NUMBER ASSIGNMENT

355 - X I XX - X X X

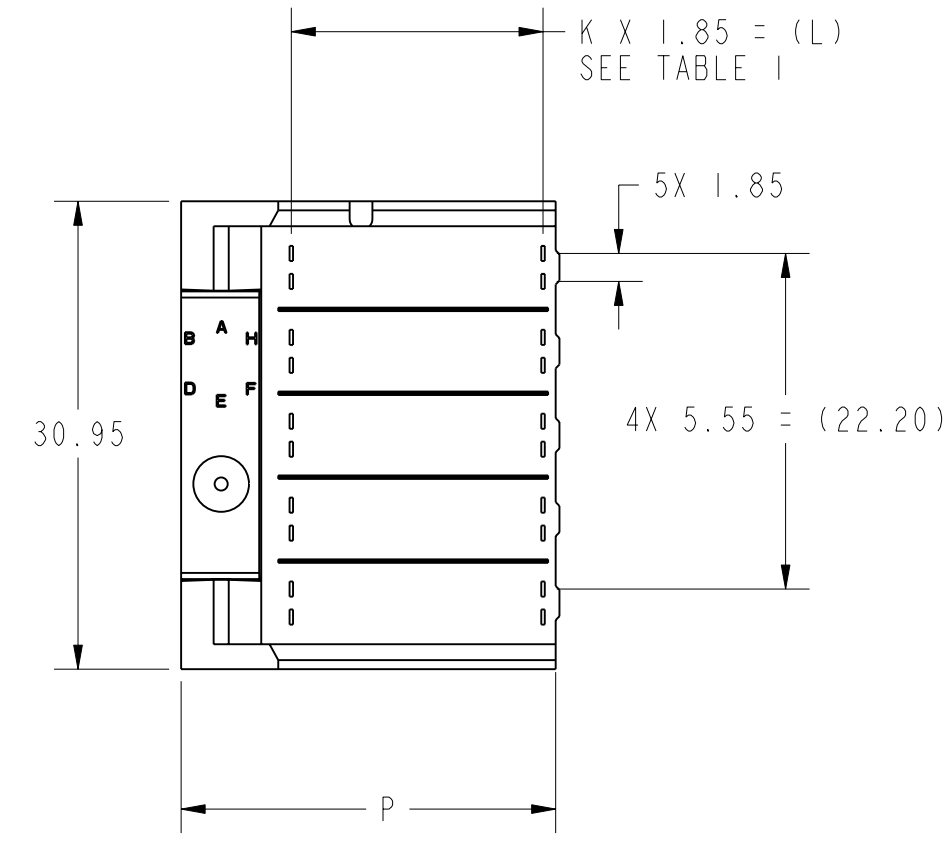
LOAD
6 = STANDARD LOADED
7 = CUSTOM LOADED
8 = CUSTOM LEAD FREE

NOMINAL
PIN MATING LENGTH, SEE DETAIL U
3 = 1.00 mm WIPE
4 = 2.00 mm WIPE
5 = 3.00 mm WIPE

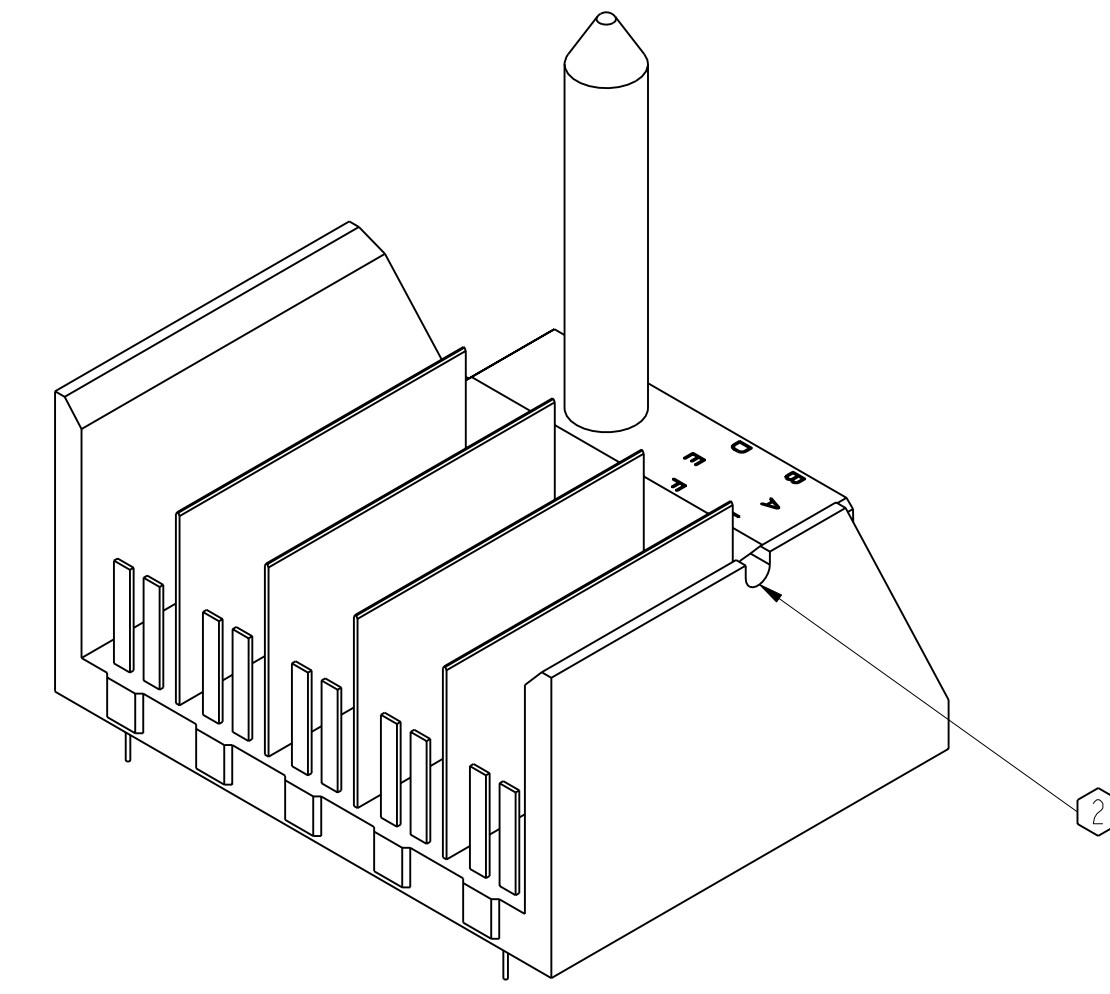
PLATING CODE
0 = 735
1 = 732
2 = 769
3 = 768

POLARIZING PIN
LOCATION CODE (SEE TABLE I)

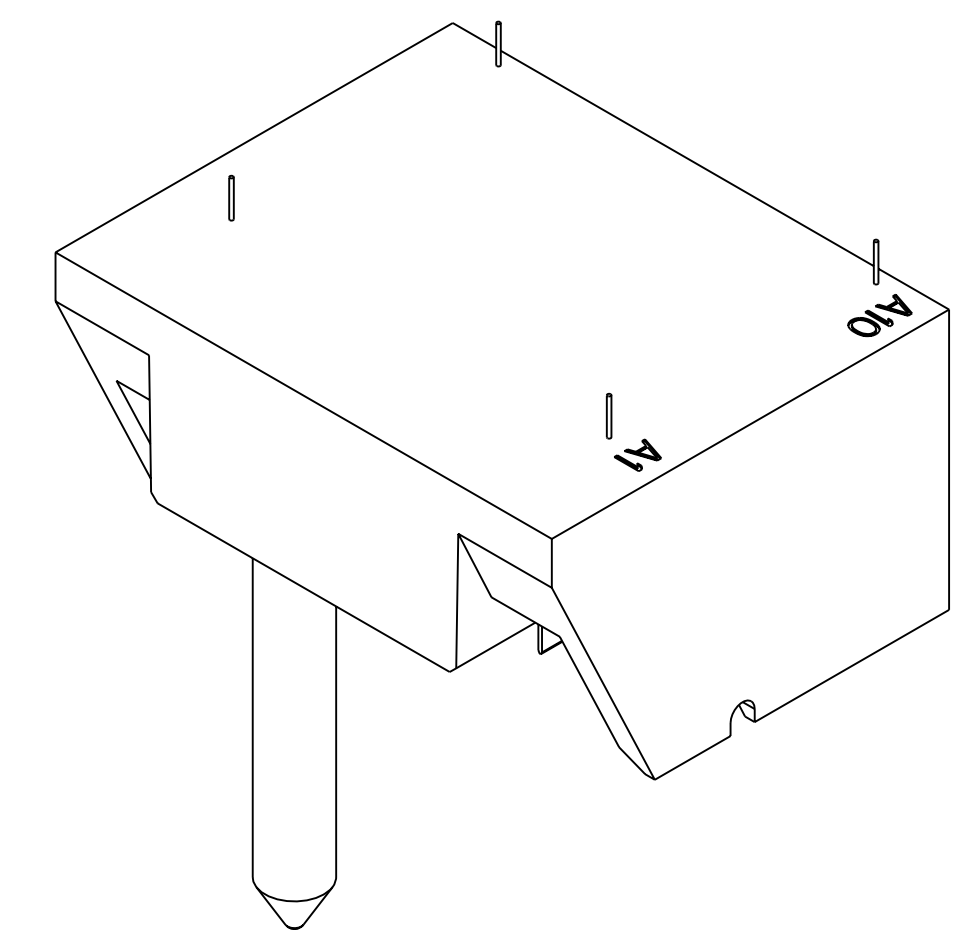
NUMBER OF COLUMNS
05 = 5 COLUMN MODULE
10 = 10 COLUMN MODULE
25 = 25 COLUMN MODULE



TOP VIEW
SHROUD SHOWN ONLY
SCALE 2/1



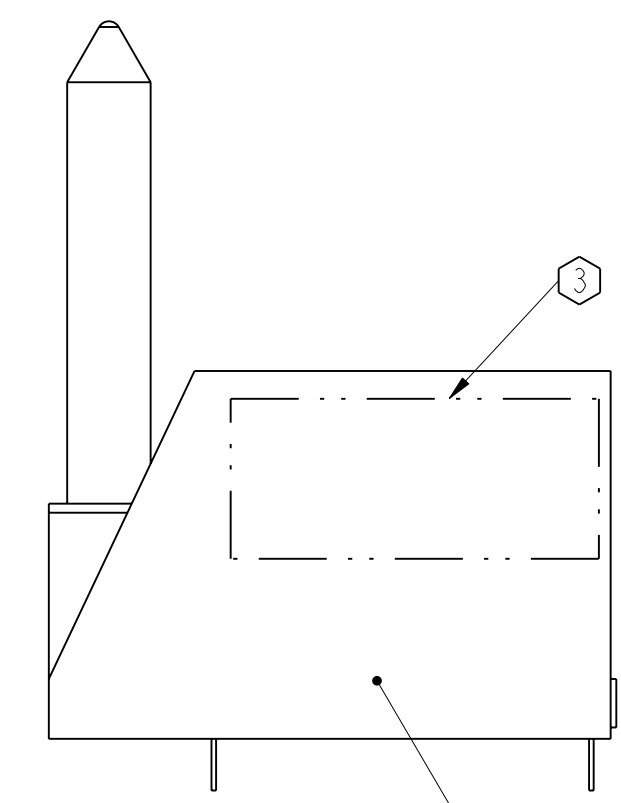
ISO VIEW
SCALE 3/1



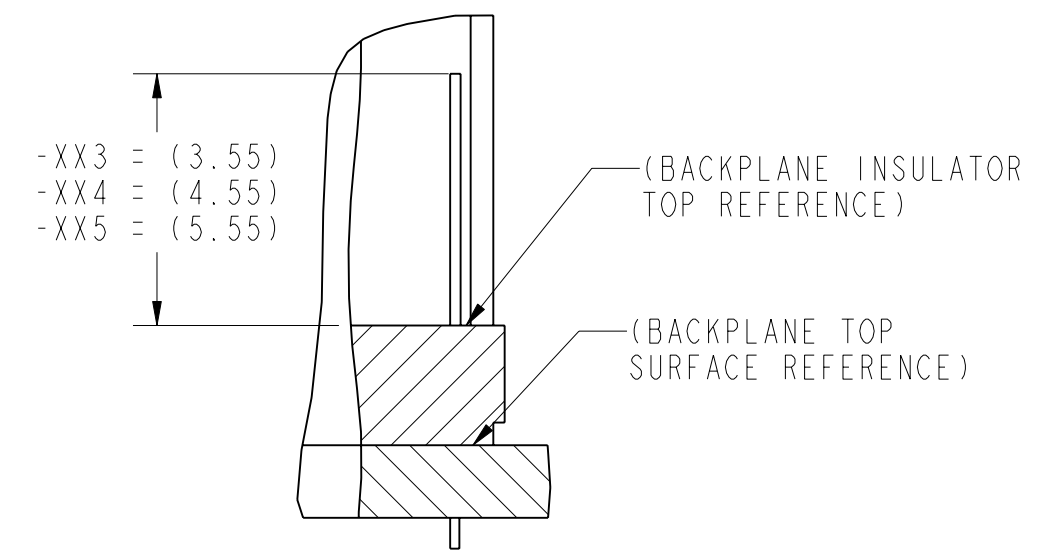
ISO BOTTOM VIEW
SCALE 3/1

ASSEMBLY PART NUMBER	REV	K	(L)	P	TOTAL NUMBER OF DIFFERENTIAL PAIRS
355-6105-XXX	-	4	(7.40)	15.53	25
355-6110-XXX	-	9	(16.65)	24.78	50
355-6125-XXX	-	24	(44.40)	52.53	125

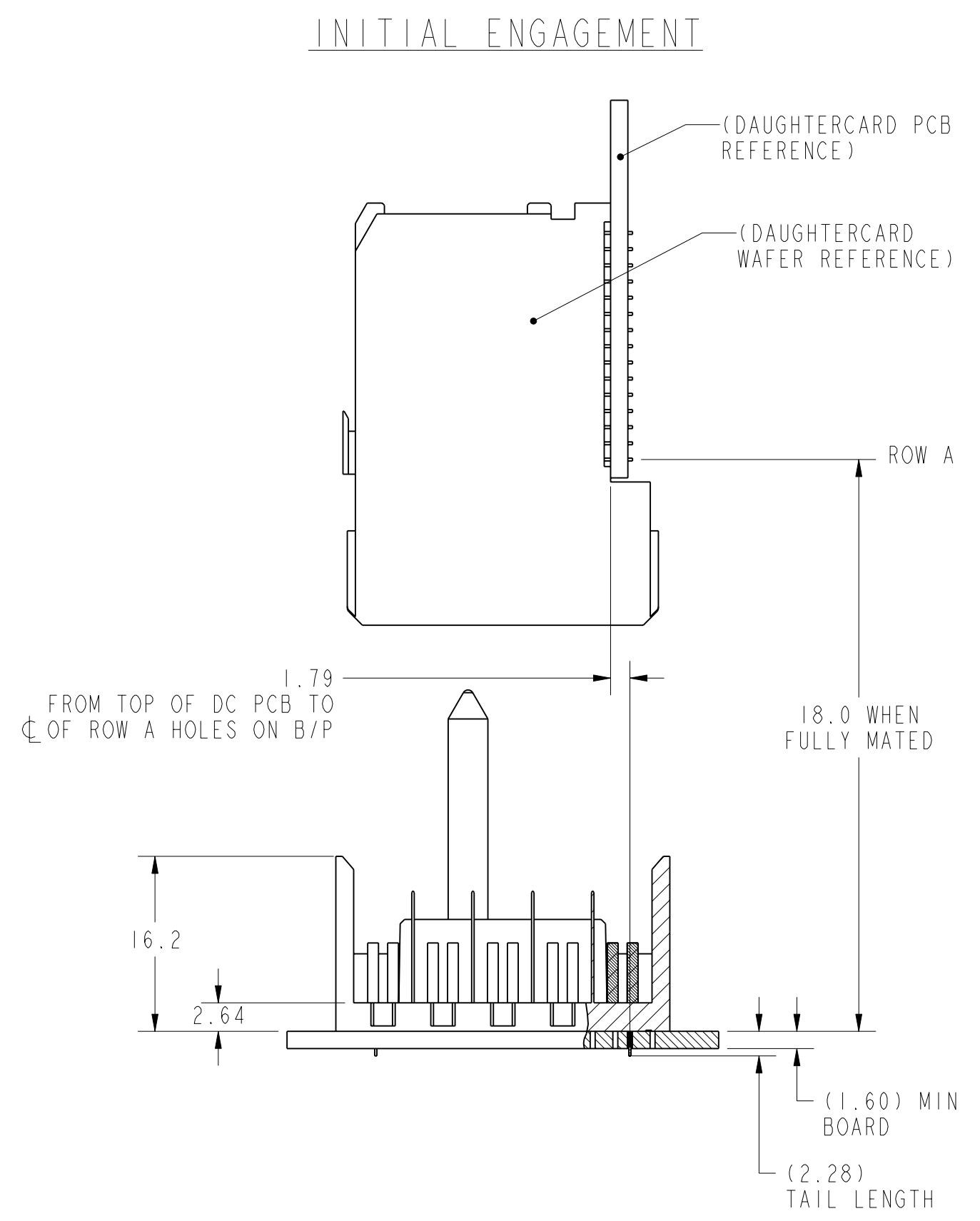
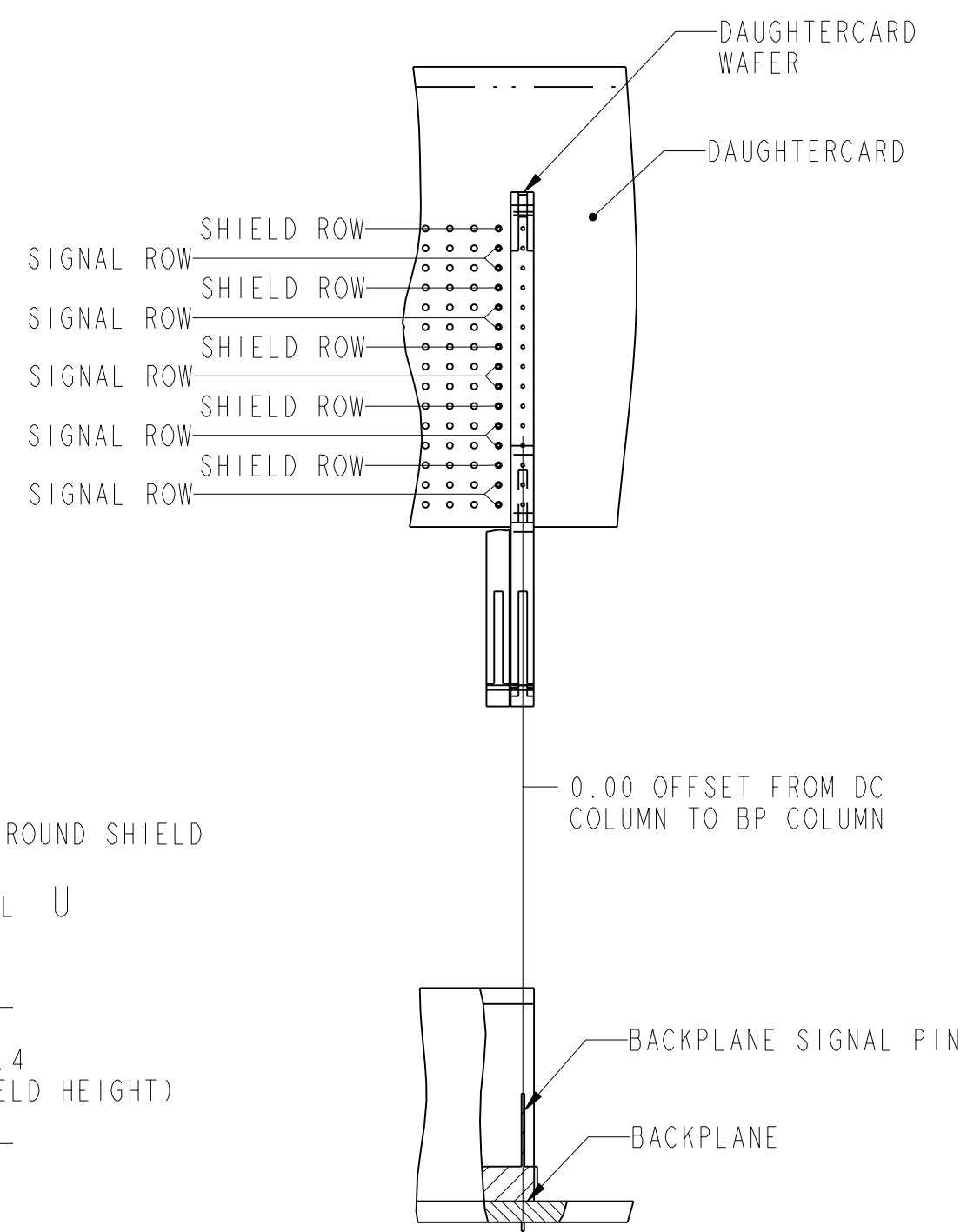
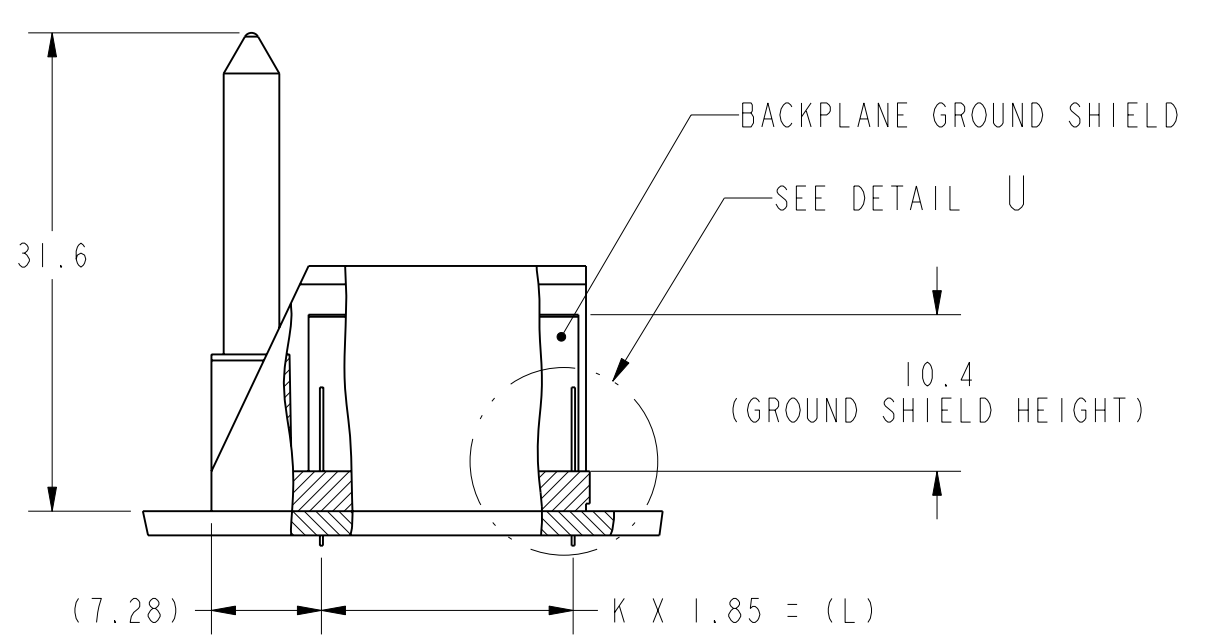
PART NUMBER 355-6XXX-(XXX)	-0XX	-AXX	-BXX	-CXX	-DXX	-EXX	-FXX	-GXX	-HXX
POLARIZING PIN ORIENTATION									



SCALE 3/1
NON NOTCH SIDE



DETAIL U
SCALE 6/1



- 7. IF THE 4TH DIGIT OF THE PART NUMBER IS A 7 OR AN 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 (P/N# 693-1085-000) AFTER INSERTION ONTO BOARD TO CHECK POSITION OF BLADES.
- 5. FOR REPAIR PROCEDURE FOR SIGNAL BLADE SEE TB-2099.
- 4. PLATING THICKNESS OF SIGNAL 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 PLATING, LEAD FREE COMPLIANT).
3 = 768 PER EGS-205 (50 MICROINCH GOLD PLATING, LEAD FREE COMPLIANT).
- 3. PART MARKING AS FOLLOWS:
LINE 1: "TCS" AND DATECODE (TCS YYWW).
LINE 2: MODULE PART NUMBER (355-####-###).
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.

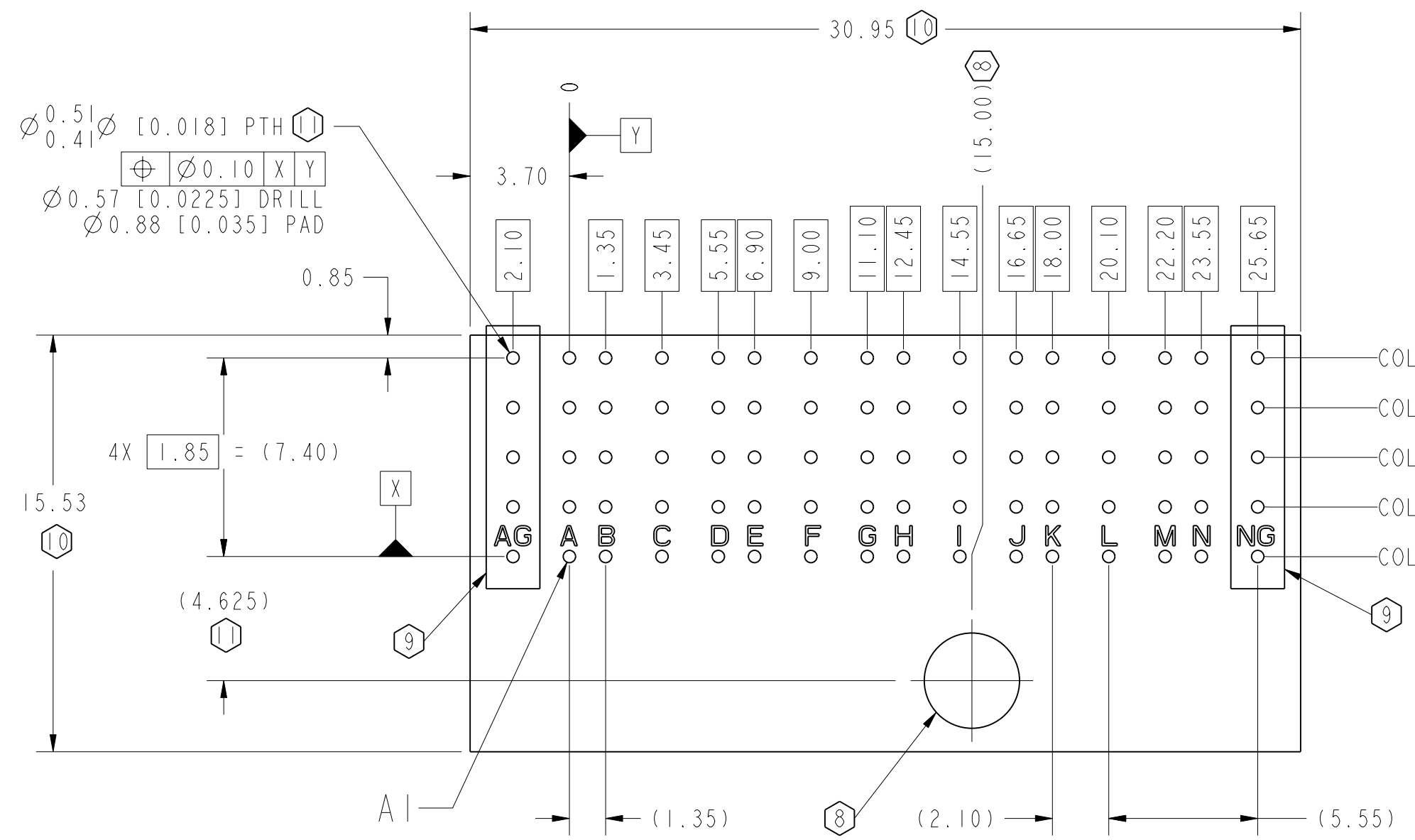
1. REFER TO TB-2085 FOR GbX PRODUCT SPECIFICATIONS.

NOTES:

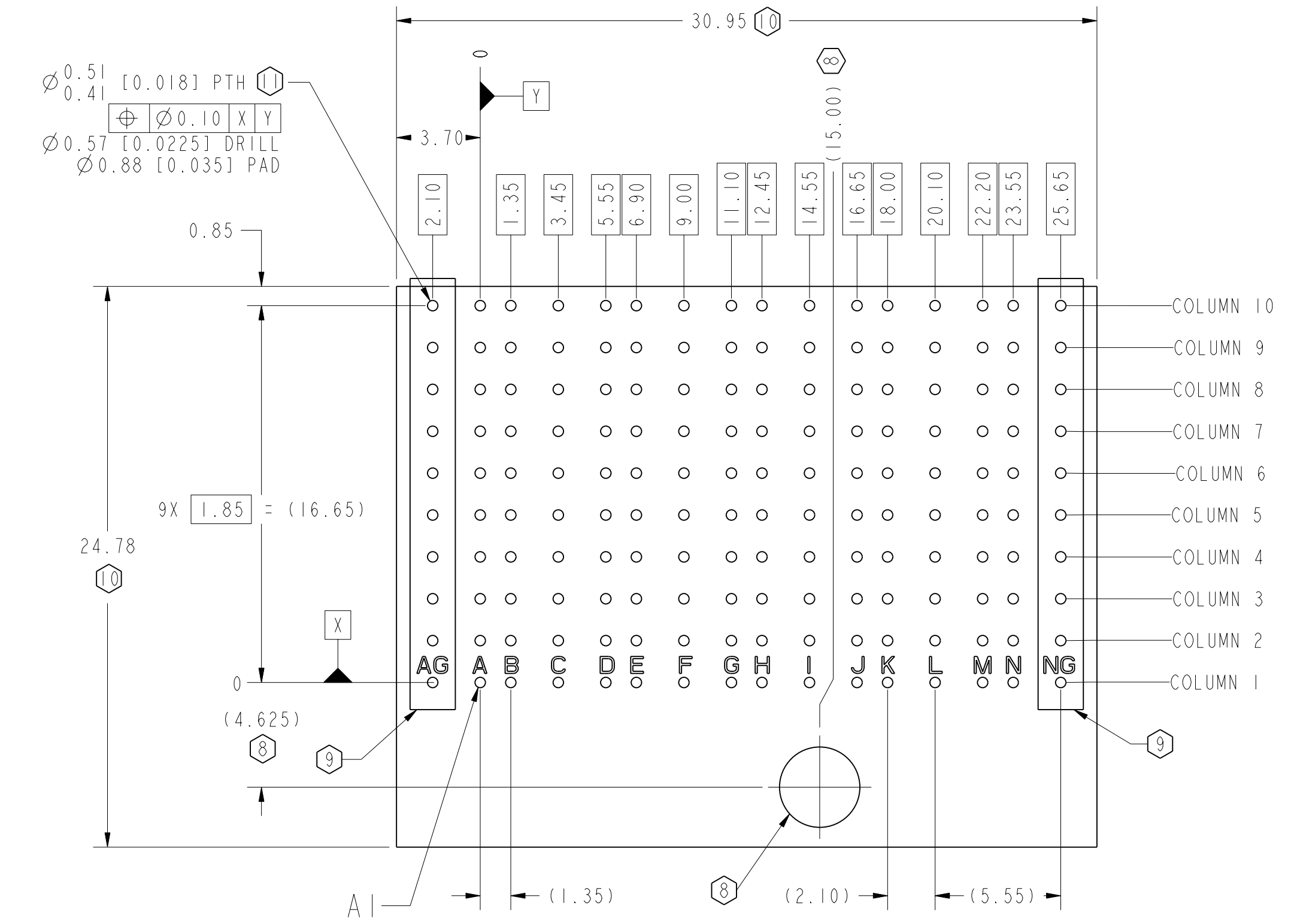
TOLERANCES	DESIGN	12/03/01	R. CHIFFY	Amphenol TCS A Division of Amphenol Corporation 44 Simon Street, Nashua, NH, 03060 603.879.3000	
0.0	±0.25	DRWN	01/03/02	R. VASSAR	TITLE LEFT POLARIZED BACKPLANE MODULE 5 PAIR GbX
0.00	±0.13	CHK	01/10/02	J. DUNHAM	PART NO. SEE TABLE I
0.000	±	APVD	XX/XX/XX	T. COHEN	REV -
ANGLES	±	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MAKER IS PERIOD		DRAWING NO. C-355-6110-500	
		CUSTOMER USE DRAWING		ProE ASSEM P1022-CU-GUIDANCE-CLEAR 1.34 P1022-CU-BP-LTPOL .dwt 1.21	
		INTERPRET PER ASME Y14.5M		SIZE D	SHEET 1 OF 2
		CODE IDENT 31413		SCALE 5/1	

DRW NO. C-355-6110-500

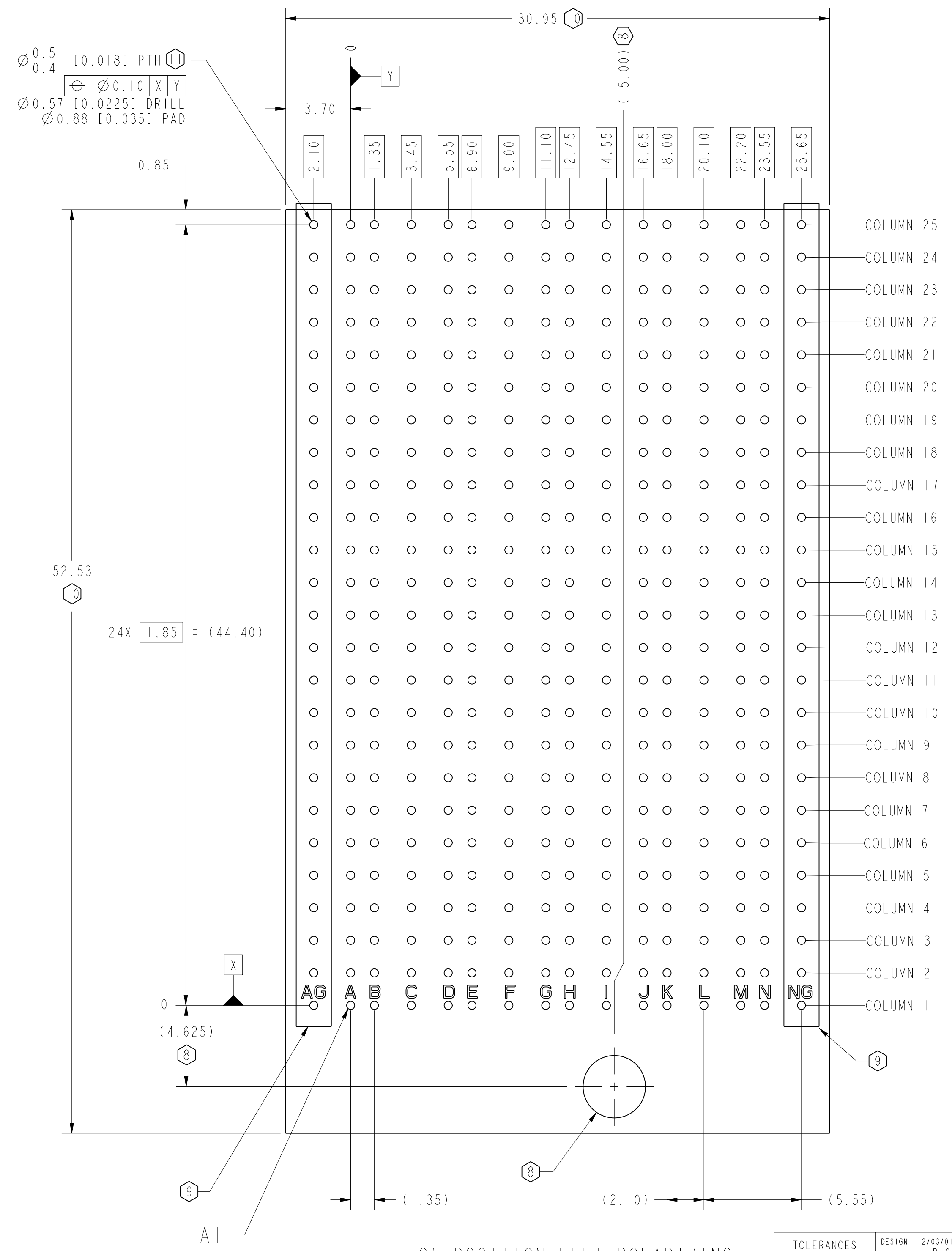
ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



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



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



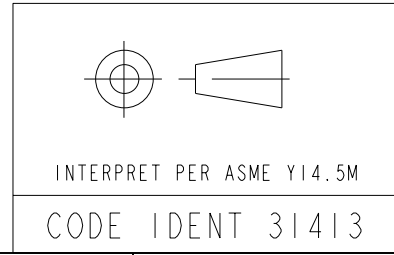
25 POSITION LEFT POLARIZING
6x BACKPLANE HOLE PATTERN
COMPONENT SIDE SHOWN
SCALE 1/2

- NOTES:
- 1. STATED PAD SIZE MAY REQUIRE FILLING. FOR DETAILED ROUTING GUIDELINES, SEE TB-2090.
 - 10. SEE DOCUMENT 190-0006-000 FOR KEEPOUT ZONES.
 - 9. ADDITIONAL ROWS AG AND NG 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 > 8 LBS., REFER TO TB-2104 FOR PROPER GUIDE PIN SIZING.

TOLERANCES	DESIGN	12/03/01
0.0	±0.25	R. CHIFFY
0.00	±0.13	R. VASSAR
0.000	±	J. DUNHAM
ANGLES	±	T. COHEN

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

TITLE	LEFT POLARIZED BACKPLANE MODULE 5 PAIR 6x
PART NO.	SEE TABLE 1
DRAWING NO.	C-355-6110-500
ProE ASSEM P1022-CU-GUIDANCE-CLEAR P1022-CU-BP-LTPOL.dwg	1.34 1.21
SIZE D	SCALE 5/1
	SHEET 2 OF 2



CUSTOMER USE
DRAWING

DRAW NO. C-355-6110-500

SH 2 REV -