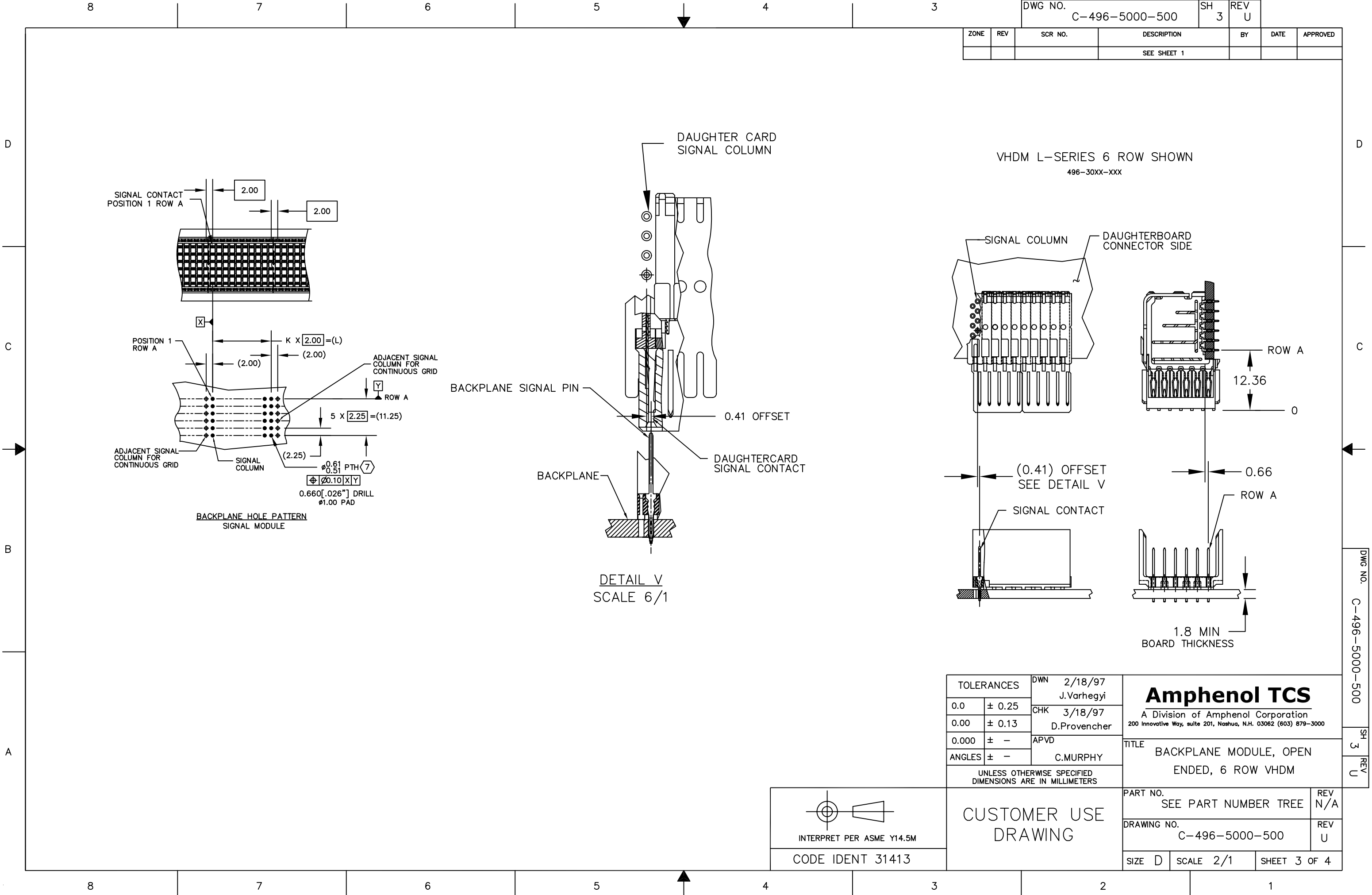
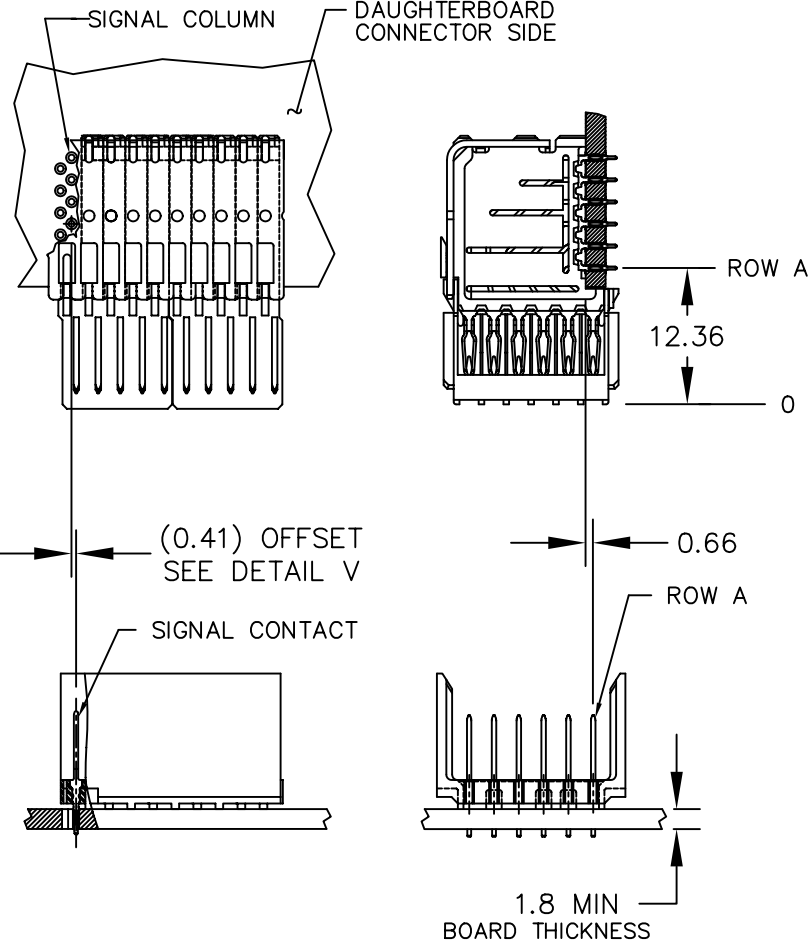
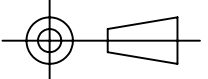




DWG NO.		C-496-5000-500		SH	3	REV	U
ZONE	REV	SCR NO.	DESCRIPTION		BY	DATE	APPROVED
			SEE SHEET 1				



TOLERANCES		DWN 2/18/97 J.Varhegyi	Amphenol TCS A Division of Amphenol Corporation 200 Innovative Way, suite 201, Nashua, N.H. 03062 (603) 879-3000					
0.0	± 0.25					CHK 3/18/97 D.Provencher		
0.00	± 0.13	APVD C.MURPHY	TITLE BACKPLANE MODULE, OPEN ENDED, 6 ROW VHDM					
0.000	± -							
ANGLES	± -							
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS			PART NO. SEE PART NUMBER TREE REV N/A					
CUSTOMER USE DRAWING						DRAWING NO. C-496-5000-500 REV U		
						SIZE D SCALE 2/1 SHEET 3 OF 4		



INTERPRET PER ASME Y14.5M

CODE IDENT 31413

876543

DWG NO.
C-496-5000-500

SH
4

REV
U

ZONE

REV

SCR NO.

DESCRIPTION

BY

DATE

APPROVED

SEE SHEET 1

BACKPLANE MODULE
ASSEMBLY PART NUMBER ASSIGNMENT

496 - X 0 XX - 0 X X

MODULE CONFIGURATION
OPEN TYPE

ASSEMBLY TYPE
2 - CUSTOM LOAD, LEAD-FREE
3 - L-SERIES
5 - UNIFORM LOAD, 702X
6 - UNIFORM LOAD, BRUSH 60
7 - CUSTOM LOAD, LEADED
8 - ADVANCE MATE, UNIFORM LOAD 702X
9 - ADVANCED MATE, UNIFORM LOAD BRUSH
L - CUSTOM LOAD, LEADED, ADVANCED PLATING.
N - CUSTOM LOAD, LEAD FREE, ADVANCED PLATING

SIGNAL CONTACT LOAD (SEE TABLE 2)
(PIN LENGTH)
1 = 4.75
2 = 6.25
3 = 4.25
4 = 5.15

PLATING CODE
0 = 735
1 = 732
2 = 769
3 = 768
4 = 804
5 = 803
6 = 806
7 = 805

NUMBER
OF COLUMNS (SEE TABLE 1)
10 = 10 COLUMN MODULE
15 = 15 COLUMN MODULE
25 = 25 COLUMN MODULE

MODULE
ORIENTATION
0 - OPEN

TABLE 1							
ASSEMBLY PART NUMBER	BACKPLANE INSULATOR MODULE	K	(L)	M	P	TOTAL NUMBER OF SIGNAL CONTACTS	TOTAL NUMBER OF GROUND SHIELD
496-(5,6,8,9)010-0XX	496-0110-060	9	(18.00)	19.00	20.0	60	10
496-(5,6,8,9)015-0XX	496-0115-060	14	(28.00)	29.00	30.0	90	15
496-(5,6,8,9)025-0XX	496-0125-060	24	(48.00)	49.00	50.0	150	25
496-3010-0XX	496-0110-060	9	(18.00)	19.00	20.0	60	N/A
496-3015-0XX	496-0115-060	14	(28.00)	29.00	30.0	90	N/A
496-3025-0XX	496-0125-060	24	(48.00)	49.00	50.0	150	N/A

TABLE 2		
ASSEMBLY PART NUMBER	SIGNAL CONTACT	CONTACT LENGTH
496-(3,5,8)0XX-0X1	260-0022-	4.75
496-(3,5,8)0XX-0X2	260-0021-	6.25
496-(3,5,8)0XX-0X3	260-0023-	4.25
496-(3,5,8)0XX-0X4	260-0024-	5.15
496-(6,9)0XX-0X1	260-0002-	4.75
496-(6,9)0XX-0X2	260-0001-	6.25
496-(6,9)0XX-0X3	260-0003-	4.25
496-(6,9)0XX-0X4	260-0004-	5.15

TABLE 3 (SEE DETAIL W, SHT 2)		
ASSEMBLY PART NUMBER	SHIELD CONTACT	SHIELD HEIGHT
496-30XX-XXX	N/A	N/A
496-50XX-XXX	262-0020	5.3
496-60XX-XXX	262-0000	5.3
496-80XX-XXX	262-0024	5.5
496-90XX-XXX	262-0004	5.5

14. REMOVED.

13. DATUM -G- IS DEFINED AS THE CENTERLINE OF THE CONNECTOR MEASURED FROM THE TWO
OUTERMOST ROWS OF SIGNAL AND SHIELD CONTACTS TAIL SIDE.

12. DATUM -F- IS DEFINED AS THE BOTTOM SURFACE OF THE PLASTIC INSULATOR.

11. DATUM -E- IS DEFINED AS THE CENTERLINE OF THE CONNECTOR MEASURED FROM THE TWO
OUTERMOST COLUMNS OF SIGNAL CONTACTS TAIL SIDE.

10. DATUM -C- IS DEFINED AS THE CENTERLINE OF THE CONNECTOR MEASURED FROM THE TWO
OUTERMOST COLUMNS OF SIGNAL CONTACT HOLES.

9. DATUM -B- IS DEFINED AS THE CENTERLINE OF THE TOP OF THE OUTERMOST WAFER SLOTS
IN THE INSULATOR WALLS.

8. DATUM -A- IS DEFINED AS THE WAFER MATING SURFACE OF THE PLASTIC INSULATOR.

FOR HASL ONLY, PTH TO BE 0.61 - 0.495 mm.

THE LAST 3 DIGITS OF THE SIGNAL CONTACT AND THE SHIELD CONTACT PART NUMBERS ARE DETERMINED
BY THE PLATING CODE, PER EGS205. MATCHES PLATING DEFINED BY THE 9TH DIGIT OF ASSEMBLY PART NUMBER.
735 = Ni SULFAMATE, STANDARD GOLD, LEADED
732 = Ni SULFAMATE, HIGH GOLD, LEADED
769 = Ni SULFAMATE, STANDARD GOLD, LEAD-FREE
768 = Ni SULFAMATE, HIGH GOLD, LEAD-FREE
804 = NANO Ni, STANDARD GOLD, LEADED
803 = NANO Ni, HIGH GOLD, LEADED
806 = NANO Ni, STANDARD GOLD, LEAD-FREE
805 = NANO Ni, HIGH GOLD, LEAD-FREE

IF MODULE PART NUMBER IS 496-2XXX-XXX OR 496-7XXX-XXX OR 496-LXXX-XXX OR 496-NXXX-XXX
MODULE ORIENTATION, NUMBER OF COLUMNS,PLATING CODE, PART REVISION, AND SIGNAL CONTACT LOAD ARE NOT APPLICABLE.

PART MARKING AS FOLLOWS:
LINE 1: ATCSYYWDHH (LOGO, YEAR, WEEK, DAY, HOUR)
LINE 2: MODULE PART NUMBER(496#####).
LINE 3: WORK ORDER NUMBER(VH*#####), WHERE "*" DENOTES MANUFACTURING LOCATION.

OPEN, NOTCH END DESIGNATES COLUMN 1.

SHIELDS SHALL BE STRAIGHT WITH MAXIMUM ALLOWABLE BOW OF 0.15 MILLIMETERS
ON EITHER SIDE OF SHIELD. SEE DETAIL "X".

NOTES: WHEN ASSEMBLED TO BACKPLANE INSULATOR, CONTACTS MUST SEAT FLUSH WITH INSULATOR TOP SURFACE
TO A MAXIMUM ALLOWABLE GAP OF 0.25.

TOLERANCES

DWN 2/18/97
J.Varhegyi

CHK 3/18/97
D.Provencher

APVD

C.MURPHY

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS

0.0

± 0.25

0.00

± 0.13

0.000

± -

ANGLES

± -

INTERPRET PER ASME Y14.5M

CODE IDENT 31413

CUSTOMER USE
DRAWING

PART NO.
SEE PART NUMBER TREE

DRAWING NO.
C-496-5000-500

SIZE D

SCALE 2/1

SHEET 4 OF 4

REV
N/A

REV
U

Amphenol TCS

A Division of Amphenol Corporation
200 Innovative Way, suite 201, Nashua, N.H. 03062 (603) 879-3000

BACKPLANE MODULE, OPEN
ENDED, 6 ROW VHDM

DWG NO.
C-496-5000-500

SH
4

REV
U

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