TABLE 1						
ASSEMBLY PART NUMBER	BACKPLANE INSULATOR MODULE	K	(L)	P	TOTAL NUMBER OF SIGNAL CONTACTS	TOTAL NUMBER OF GROUND SHIELDS
468-X009-0XX	468-0009-072	8	(16.00)	18.0	36	9
468-X010-0XX	468-0010-072	9	(18.00)	20.0	40	10
468-X025-0XX	468-0025-072	24	(48.00)	50.0	100	25

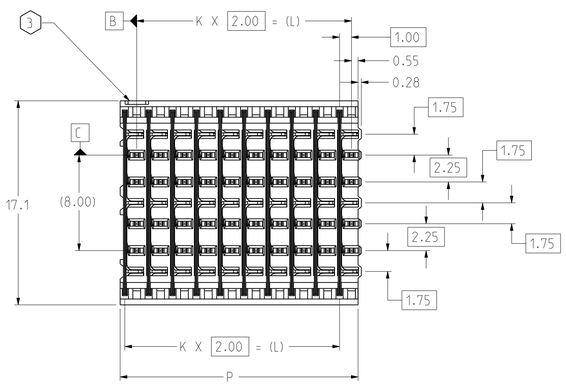
TABLE 2		
ASSEMBLY PART NUMBER	SIGNAL CONTACT	CONTACT LENGTH
468-(3,5)0XX-0X1	260-0022-⑥	4.75
468-(3,5)0XX-0X2	260-0021-⑥	6.25
468-(3,5)0XX-0X3	260-0023-⑥	4.25
468-(3,5)0XX-0X4	260-0024-⑥	5.15
468-60XX-0X1	260-0002-⑥	4.75
468-60XX-0X2	260-0001-⑥	6.25
468-60XX-0X3	260-0003-⑥	4.25
468-60XX-0X4	260-0004-⑥	5.15

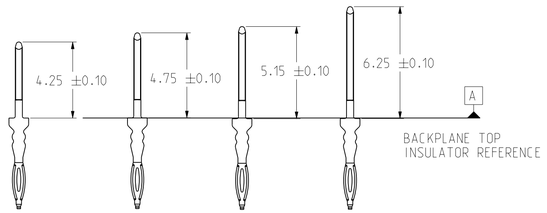
TABLE 3		
ASSEMBLY PART NUMBER	SHILED CONTACT (SEE DETAIL W)	SHIELD LENGTH
468-30XX-XXX	N/A	N/A
468-50XX-XXX	262-0022-⑥	5.3
468-60XX-XXX	262-0002-⑥	5.3

⑤
468 - X 0 X X - 0 X X

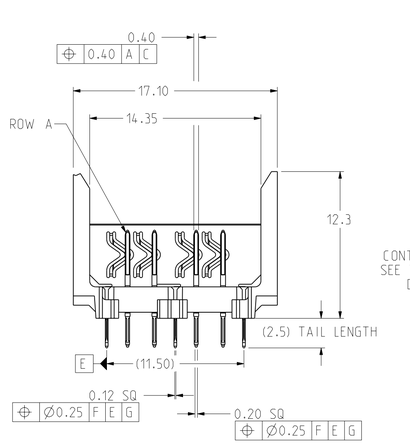
- 6 ROW HSD BACKPLANE OPEN LEADOFF NUMBER
- 2 = CUSTOM LOAD.LEAD FREE
  3 = L-SERIES
  5 = UNIFORM LOAD.702X
  6 = UNIFORM LOAD.BRUSH 60
  7 = CUSTOM LOAD.LEADED
  L = CUSTOM LOAD. LEADED, ADVANCED PLATING
  N = CUSTOM LOAD. LEAD FREE, ADVANCED PLATING
- NUMBER OF POSITIONS
  09 = 9 POSITION
  10 = 10 POSITION
  25 = 25 POSITION
  (SEE TABLE 1)
- SIGNAL PIN LOAD (SEE TABLE 2) LENGTH
  1 = 4.75
  2 = 6.25
  3 = 4.25
  4 = 5.15
- PLATING ⑥
  0 = 735 4=804
  1 = 732 5=803
  2 = 769 6=806
  3 = 768 7=805

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
ALL	-	31788	NEW RELEASE			
	A	35267	ADDED MATERIAL P/N. AND SHEET 2	SG	5/22/01	LEBLANC
	B	WLII-5VCNG3.VER01	REVISE DATUMS. ADDED TABLE IV	SG	11/06/03	W.LI
	C	KLEC-63ZQ6A.VER02	REVISED TITLE BLOCK	SG	9/17/04	LEBLANC
-	D	DMAG-6BSN36.VER01	ADDED LEAD FREE PLATING OPTION	GKR	05/03/05	S.BAIR
	E	MLEE-6KGMFU.VER01	REPLACED DRAWING FORMAT	M.LEE	01/20/06	C.SAMMIS
	F	SBAR-6NHNRX.VER01	UPDATED TABLE 2, TABLE 3 AND TABLE 4	HCL	04/10/06	K.LEBLANC
	G	CSAS-82ZPTE.VER01	ADDED NEW PART NUMBERS FOR NEW PLATING CODES IN ASSEMBLY PART NUMBER ASSIGNMENT TREE DELETED TABLE 4. MODIFIED NOTE 5 AND 6.REMOVED NOTE 15.	HCL-MH	03/01/2010	C.SAMMIS

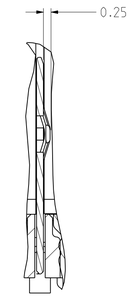




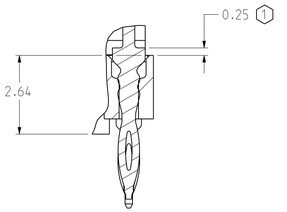
DETAIL U
SEE TABLE 2
SCALE 6/1



SECTION Y-Y
SCALE 4/1



DETAIL K
SCALE 10/1



DETAIL L
SCALE 10/1

NOTES:
1. WHEN ASSEMBLED TO BACKPLANE INSULATOR, CONTACTS MUST SEAT FLUSH WITH INSULATOR'S TOP SURFACE TO A MAXIMUM ALLOWABLE GAP OF 0.25.
2. SHIELD SHALL BE STRAIGHT WITH MAXIMUM ALLOWABLE BOW OF 0.15 MILLIMETERS ON EITHER SIDE OF SHIELD. SEE DETAIL X ON SHEET 2.
3. OPEN NOTCH END DESIGNATES COLUMN 1.
4. PART MARKING AS FOLLOWS:
   LINE 1: ATCSYYWWDHH (LOGO, YEAR, WEEK, DAY, HOUR)
   LINE 2: MODULE PART NUMBER (468#######).
   LINE 3: WORK ORDER NUMBER (VH*######) WHERE "*" DENOTES MANUFACTURING LOCATION.
5. IF MODULE PART NUMBER IS 468-7XXX-XXX OR 468-2XXXX-XXX OR 468-LXXX-XXX OR 468-NXXXX-XXX, PART REVISION, MODULE ORIENTATION, NUMBER OF COLUMNS,PLATING CODE, AND SIGNAL CONTACT LOAD ARE NOT APPLICABLE.
6. LAST 3 DIGITS OF THE SIGNAL CONTACT AND SHIELD CONTACT PART NUMBERS ARE DETERMINED BY PLATING CODE.MATCHED 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
7. FOR HASL ONLY, PTH TO BE Ø0.610-Ø0.495 MILLIMETERS.
8. ROUTE DIFFERENTIAL PAIRS THROUGH PINS B-C AND E-F.
9. DATUM -A- IS DEFINED AS THE WAFER MATING SURFACE OT THE PLASTIC INSULATOR.
10. DATUM -B- IS DEFINED AS THE CENTERLINE OF THE TOP OF THE OUTERMOST WAFER SLOTS IN THE INSULATOR WALLS.
11. DATUM -C- IS DEFINED AS THE CENTERLINE OF THE CONNECTOR MEASURED FROM THE TWO OUTERMOST ROWS OF SIGNAL CONTACT HOLES.
12. DATUM -E- IS DEFINED AS THE CENTERLINE OF THE CONNECTOR MEASURED FROM THE TWO OUTERMOST COLUMNS OF SIGNAL CONTACTS TAIL SIDE.
13. DATUM -F- IS DEFINED AS THE BOTTOM SURFACE OT THE PLASTIC INSULATOR.
14. DATUM -G- IS DEFINED AS THE CENTERLINE OF THE CONNECTOR MEASURED FROM THE TWO OUTERMOST ROWS OF SIGNAL CONTACTS TAIL SIDE.
15. REMOVED.

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

DESIGN 6/26/00 D.Manter
DRAWN
CHK 8/28/00 D.Manter
APVD 8/28/00

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD

INTERPRET PER ASME Y14.5M

CUSTOMER USE DRAWING

CODE IDENT 31413

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

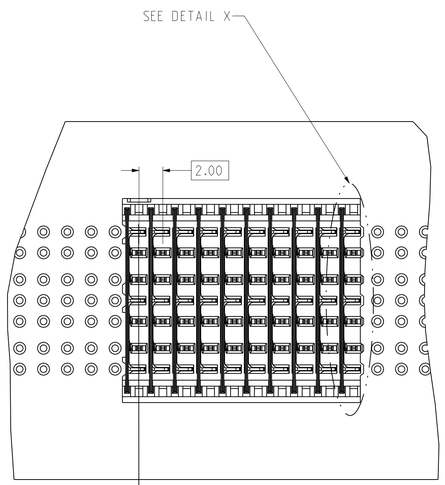
TITLE: BACKPLANE MODULE ASSEMBLY
OPEN, 6 ROW VHDM/HSD

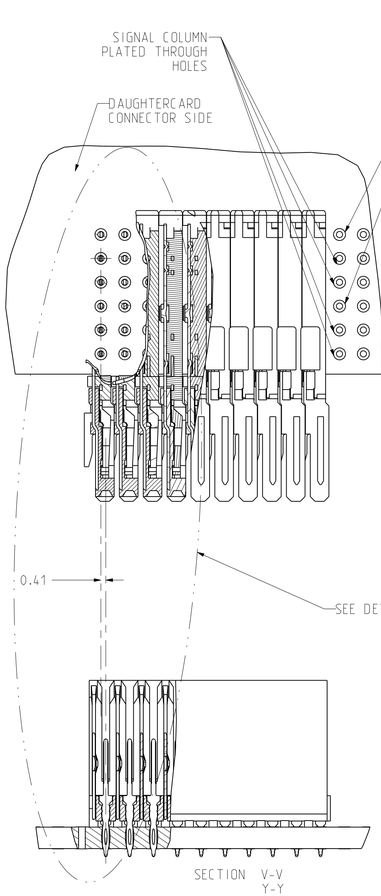
PART NO. SEE PART NUMBER TREE — REV N/A
DRAWING NO. C-468-5009-500 — REV G
Pro/E type: AP1018-BP-OPEN-ASSY-CUST-USE 1.12
Pro/E DRAWING: C-468-5009-500 G.0
SIZE D | SCALE 4/1 | SHEET 1 OF 2

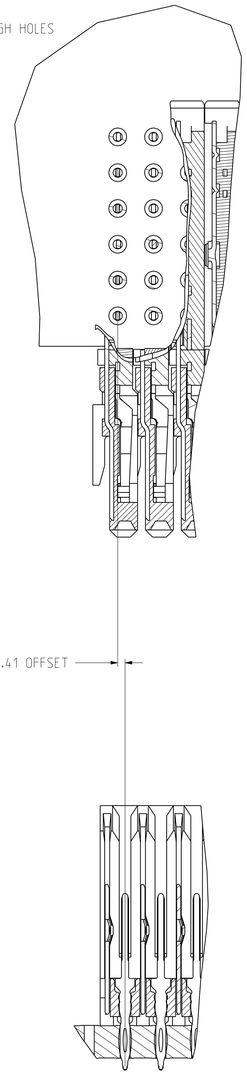
DRW NO. C-468-5009-500 | SH 1 | REV G

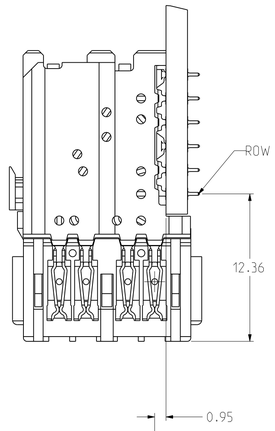
DRW NO.	SH	REV
C-468-5009-500	2	G

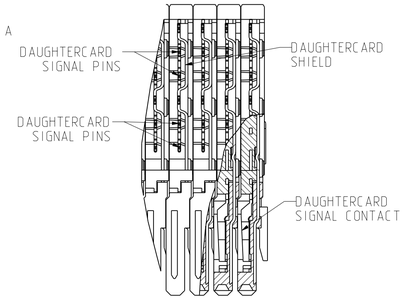
ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			

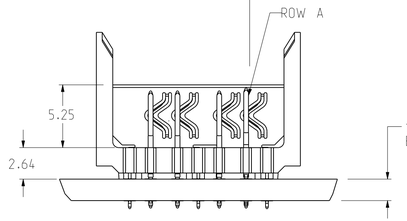


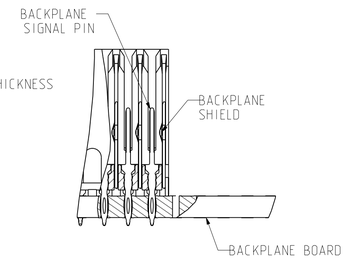


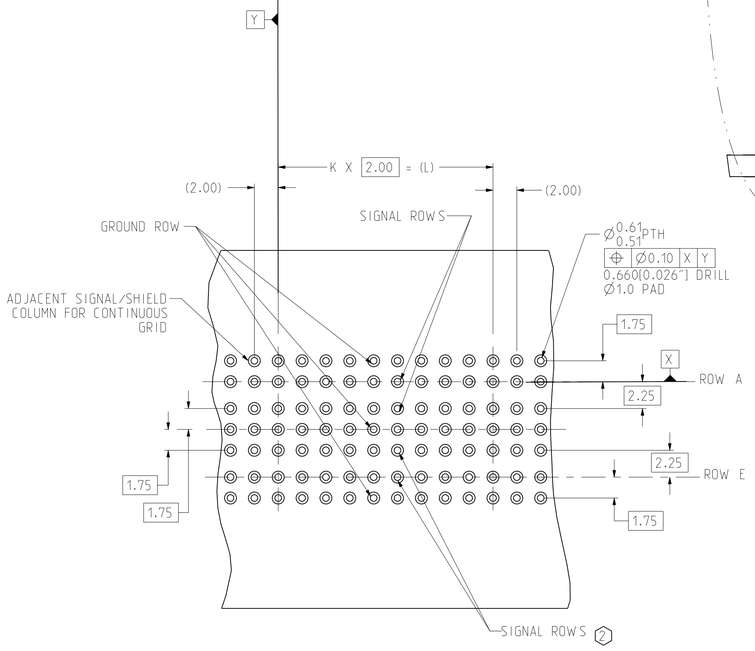




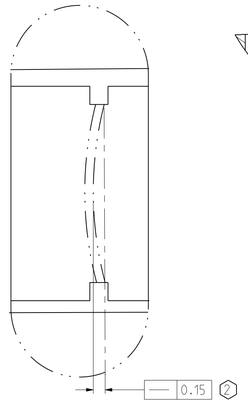








BACKPLANE HOLE PATTERN
SIGNAL MODULE
CONNECTOR SIDE



DETAIL X
NO SCALE

DETAIL V
SCALE 6/1

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

DESIGN 6/26/00 D.Manter
DRAWN
CHK 8/28/00 D.Manter
APVD 8/28/00

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INTERPRET PER ASME Y14.5M
CODE IDENT 31413
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CUSTOMER USE DRAWING
SIZE D | SCALE 4/1 | SHEET 2 OF 2

DRW NO. C-468-5009-500 | SH 2 | REV G