

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

ASSEMBLY PART NUMBER	SIGNAL CONTACT	CONTACT LENGTH
468-(3.5)0XX-0X1	260-0022- 	4.75
468-(3.5)0XX-0X2	260-0021- 	6.25
468-(3.5)0XX-0X3	260-0023- 	4.25
468-(3.5)0XX-0X4	260-0024- 	5.15
468-60XX-0X1	260-0002- 	4.75
468-60XX-0X2	260-0001- 	6.25
468-60XX-0X3	260-0003- 	4.25
468-60XX-0X4	260-0004- 	5.15

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

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

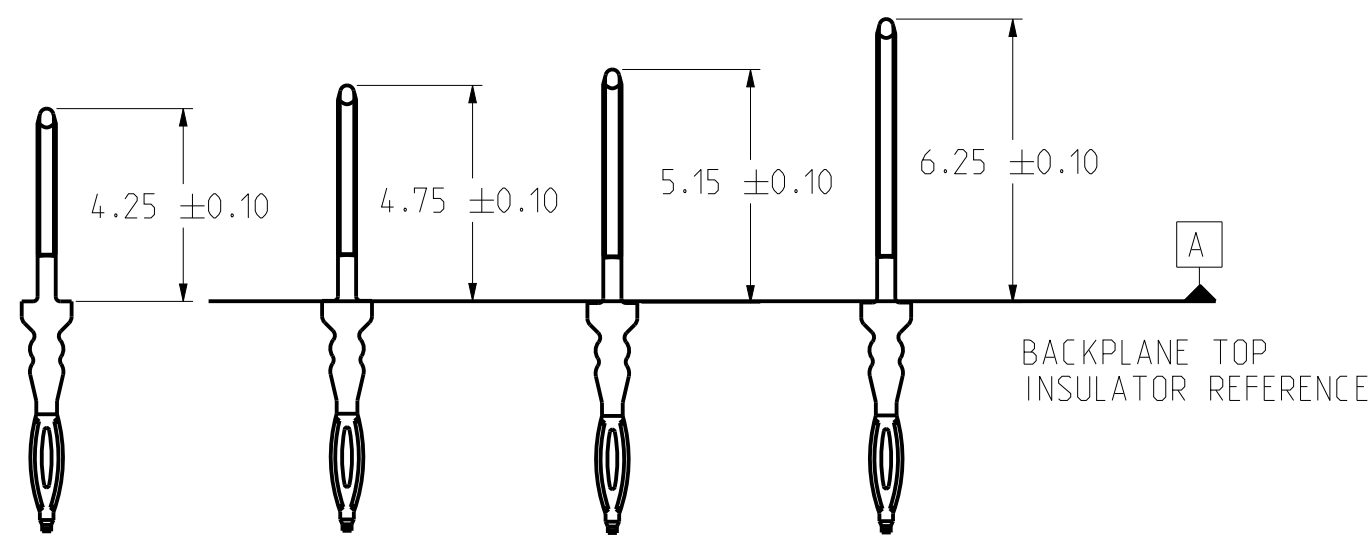
NUMBER OF POSITIONS:
09 = 9 POSITION
10 = 10 POSITION
25 = 25 POSITION
(SEE TABLE 1)

6 ROW HSD
BACKPLANE
OPEN LEADOFF
NUMBER

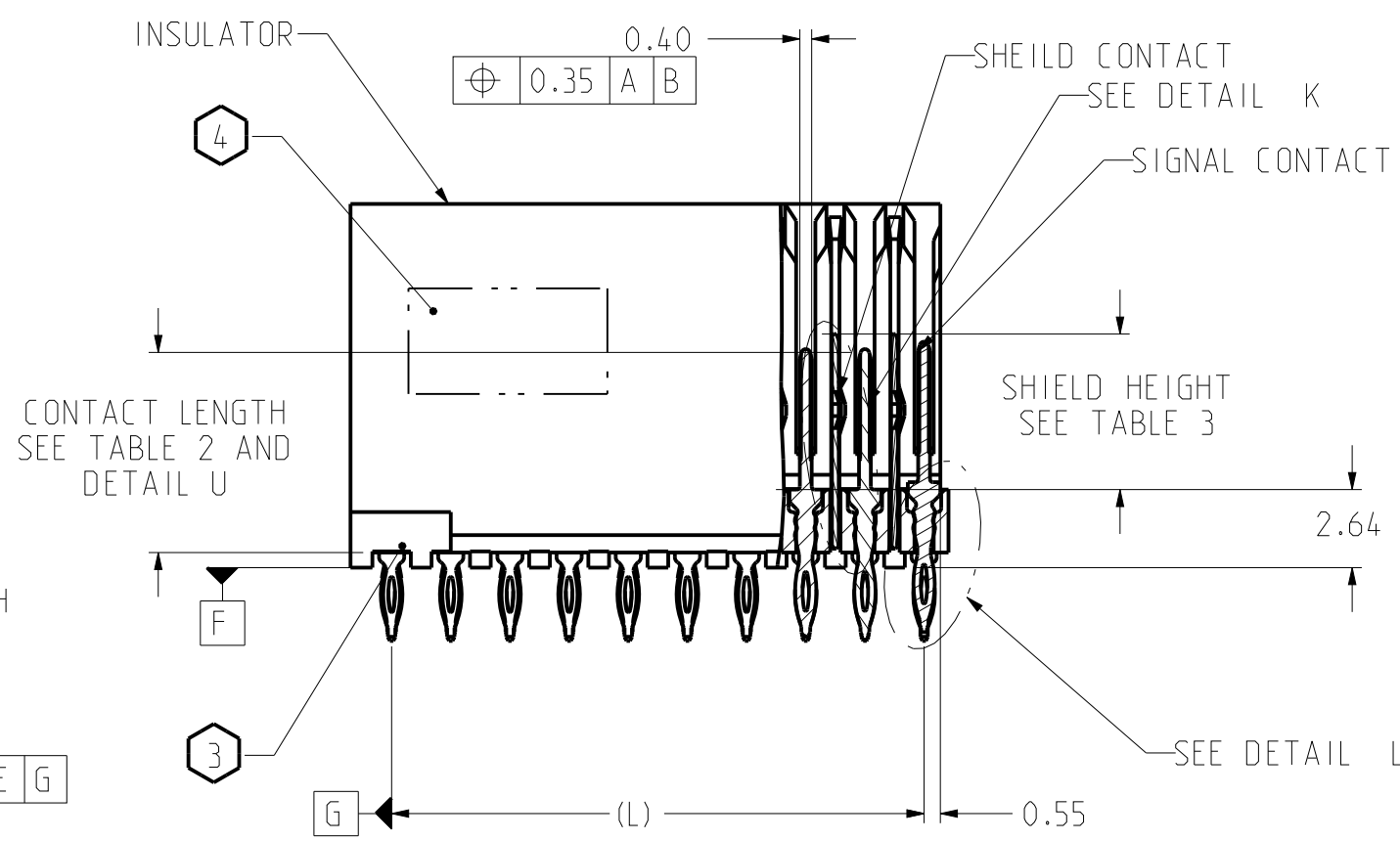
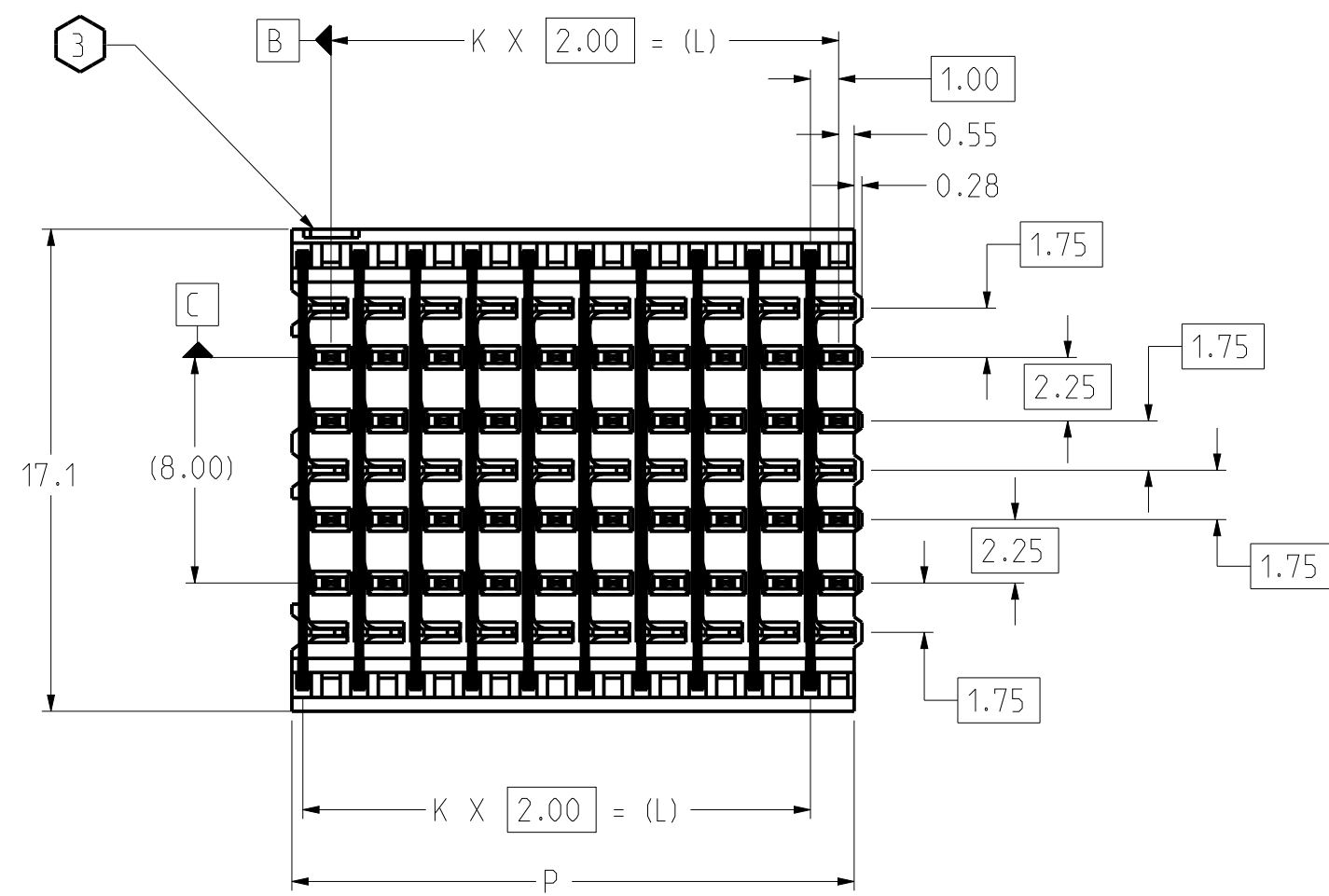
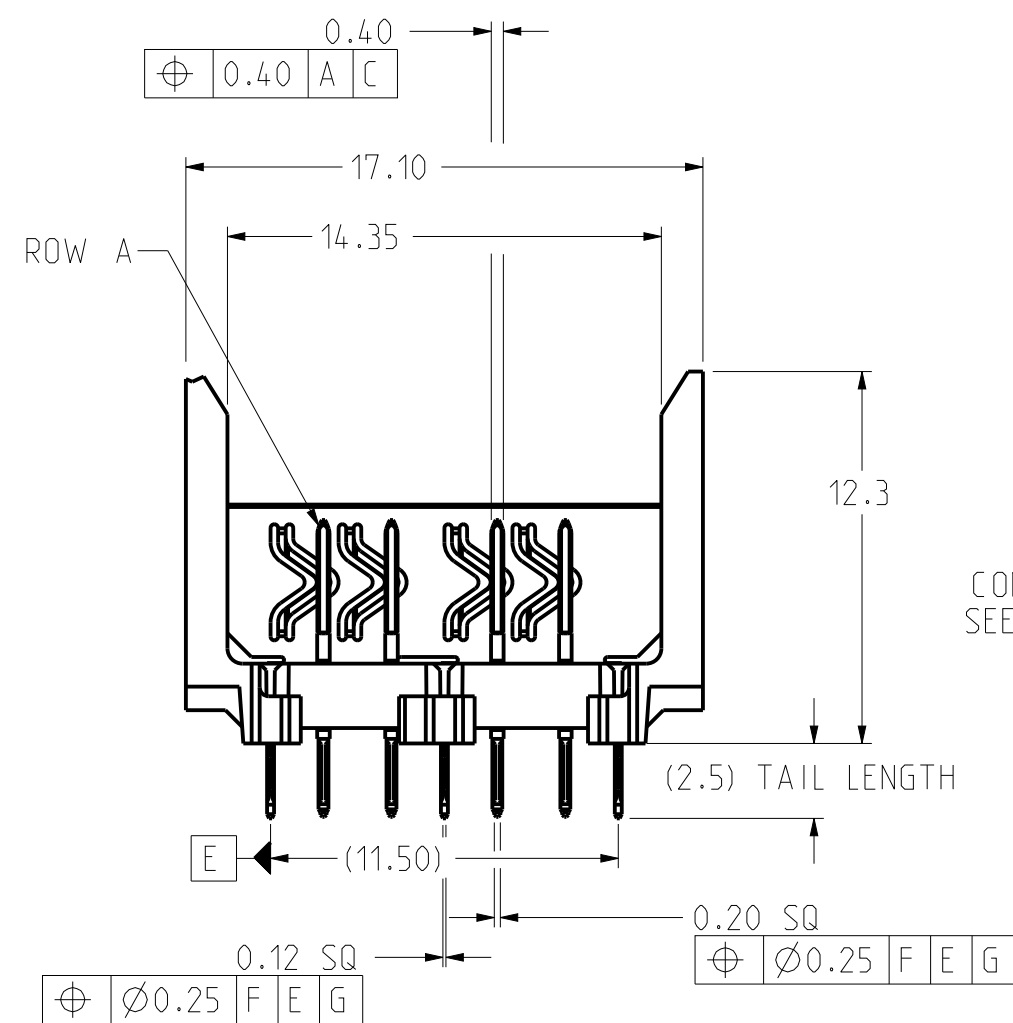
- SIGNAL PIN LOAD (SEE TABLE 2)
LENGTH
1 = 4.75
2 = 6.25
3 = 4.25
4 = 5.15

PLATING 6

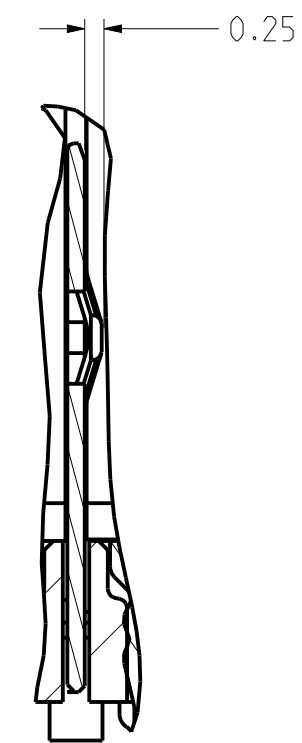
0 = 735	4=804
1 = 732	5=803
2 = 769	6=806
3 = 768	7=805



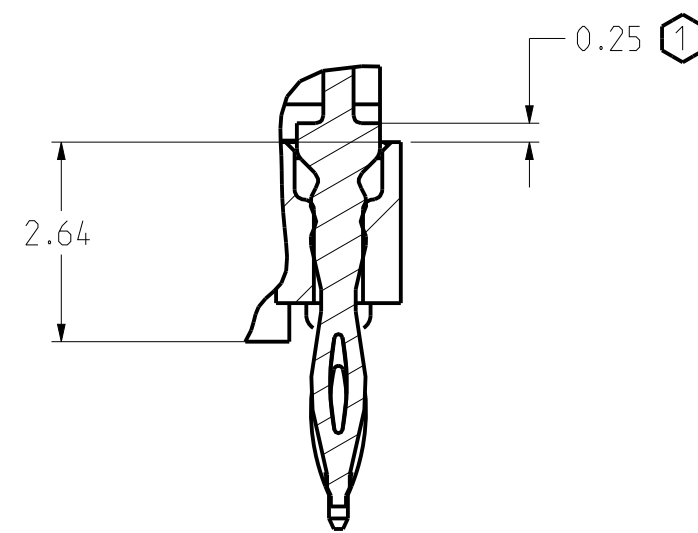
DETAIL U
SEE TABLE 2
SCALE 6/1



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. SEE TB-2325 FOR PART MARKING REQUIREMENTS.
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 $\varnothing 0.610$ - $\varnothing 0.495$ MILLIMETERS.
8. ROUTE DIFFERENTIAL PAIRS THROUGH PINS B-C AND E-F.
9. DATUM -A- IS DEFINED AS THE WAFER MATING SURFACE OF 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 CONTACTS.
12. DATUM -E- IS DEFINED AS THE CENTERLINE OF THE CONNECTOR MEASURED FROM THE TWO OUTERMOST COLUMNS OF SIGNAL CONTACTS.
13. DATUM -F- IS DEFINED AS THE BOTTOM SURFACE OF THE PLASTIC INSULATOR.
14. DATUM -G- IS DEFINED AS THE CENTERLINE OF THE CONNECTOR MEASURED FROM THE TWO OUTERMOST ROWS OF SIGNAL CONTACTS.
15. REMOVED.



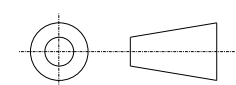
0.12 SQ

$\varnothing 0.25$ E F G

(11.50)

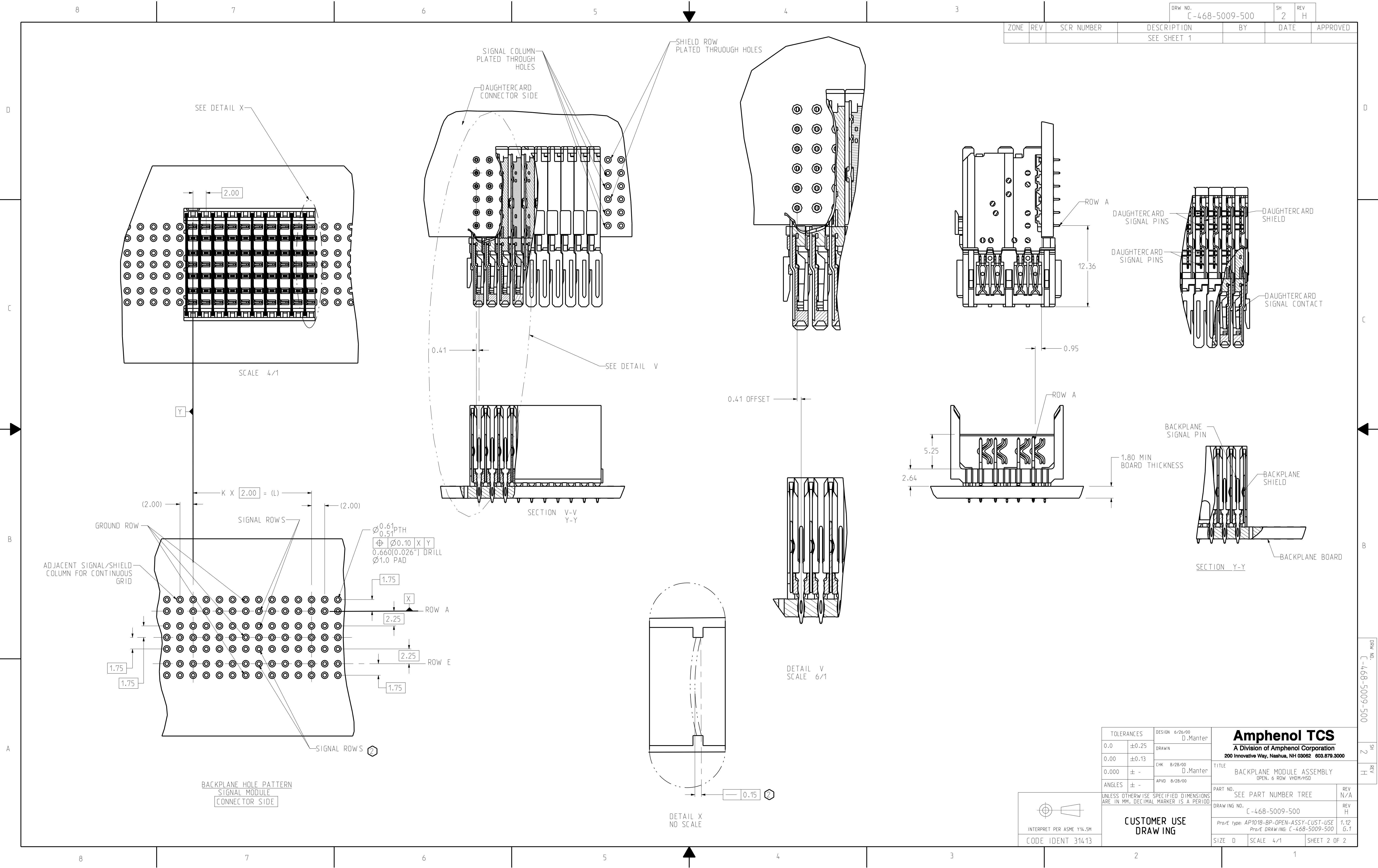
3				DRW NO. C-468-5009-500	SH 1	REV H	
ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED	
ALL	-	31788	NEW RELEASE				
	A	35267	ADDED MATERIAL P/N. AND SHEET 2	SG	5/22/01	LEBLANC	
	B	WLII-5VCNG3.VER01	REVISE DATUMS, ADDED TABLE IV	SG	11/06/03	W.LI	
	C	KLEC-63ZQ6A.VER02	REVISED TITLE BLOCK	SG	9/17/04	LEBLANC	
-	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	
	H	DCOY-A8SMZB.VER01	UPDATED PART MARKING REQUIREMENTS	HCL-SD	05/05/2016	D.COVEY	

TOLERANCES		DESIGN 6/26/00 D.Manter		Amphenol TCS A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03062 603.879.3000	
0.0	±0.25	DRAWN		TITLE BACKPLANE MODULE ASSEMBLY OPEN. 6 ROW VHDM/HSD	
0.00	±0.13	CHK 8/28/00 D.Manter			
0.000	±	APVD 8/28/00			
ANGLES	±			PART NO. SEE PART NUMBER TREE REV N/A	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD				DRAWING NO. C-468-5009-500 <i>Pro/E type: AP1018-BP-OPEN-ASSY-CUST-USE</i> <i>Pro/E drawing: C-468-5009-500</i>	
CUSTOMER USE DRAWING				<i>1.12</i> <i>G.1</i>	
SIZE D		SCALE 4/1		SHEET 1 OF 2	



INTERPRET PER ASME Y14.5M
CODE IDENT 31413

CUSTOMER USE
DRAWING



ZONE		REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
				SEE SHEET 1			

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

TOLERANCES	DESIGN 6/26/00	Amphenol TCS A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03062 603.879.3000	
0.0	±0.25		
0.00	±0.13		
0.000	± -		
ANGLES	± -		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD		PART NO. SEE PART NUMBER TREE	
CUSTOMER USE DRAWING		DRAWING NO. C-468-5009-500	
		Pro/E Type: AP1018-BP-OPEN-ASSY-CUST-USE	
		Pro/E DRAWING: C-468-5009-500	
SIZE D		SCALE 4/1	SHEET 2 OF 2