



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



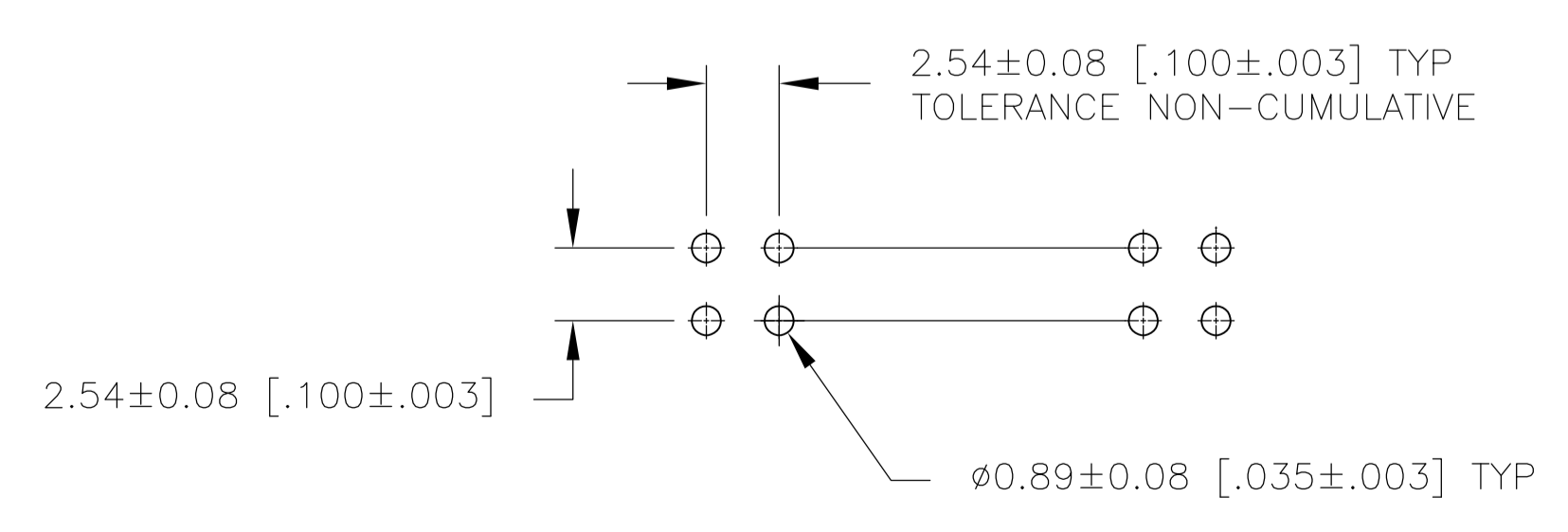
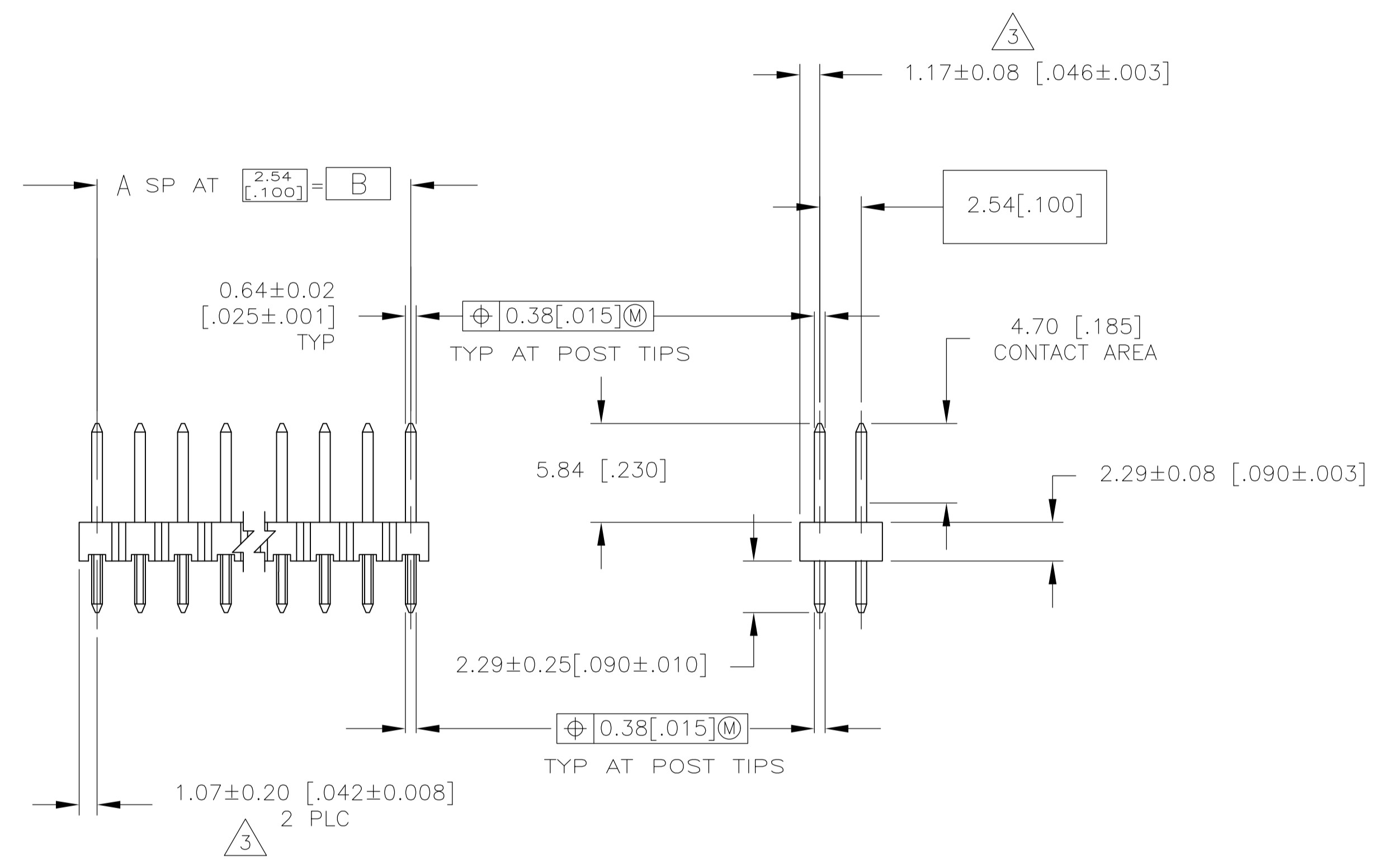
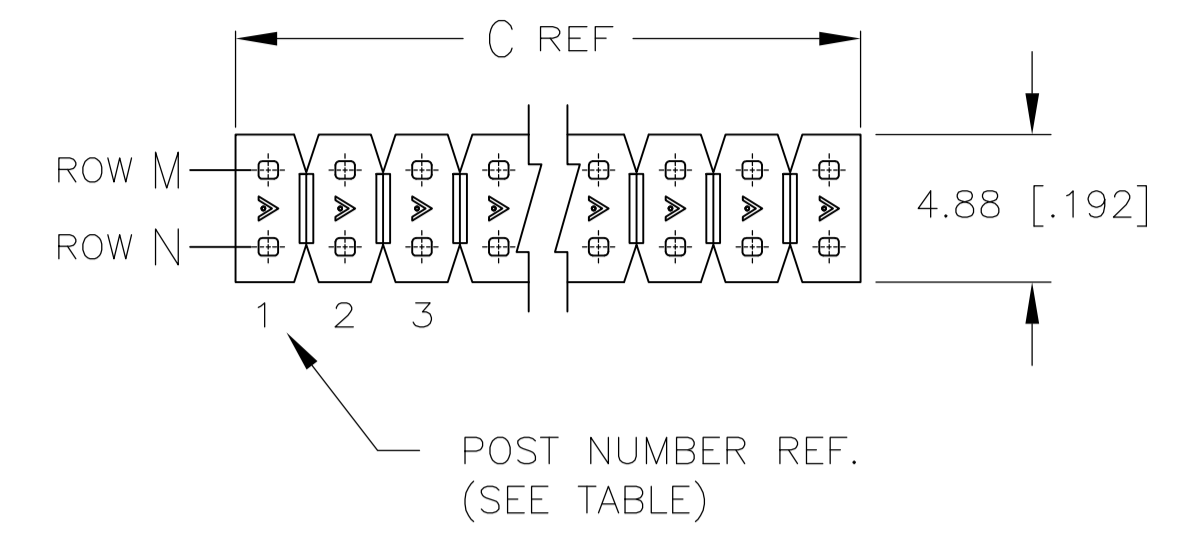
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RECOMMENDED HOLE LAYOUT

- 1 ASSEMBLY MAY BE BROKEN TO THE DESIRED NUMBER OF POSITIONS
- 2 TRUE POSITION TOLERANCE OF THE POSTS TIPS APPLIES WHEN THE HEADER IS HELD FLAT AGAINST THE PRINTED CIRCUIT BOARD.
- 3 THE NOTED DIMENSION APPLIES AT THE INTERSECTION OF THE POST AND HOUSING.
- 4 FINISH: 0.000127 [.000005] GOLD ON CONTACT AREA, 0.00254-0.00508 [.000100-.000200] MATTE TIN-LEAD ON SOLDER TAIL ALL OVER 0.00127 [.000050] NICKEL.
- 5 PRELIMINARY PART - NOT RELEASED FOR PRODUCTION.
- 6 MATERIAL: HOUSING- FLAME RETARDANT THERMOPLASTIC  
POSTS- BRASS
- 7 FINISH: 0.000127 [.000005] GOLD ON CONTACT AREA, 0.00254-0.00508 [.000100-.000200] MATTE TIN ON SOLDER TAIL ALL OVER 0.00127 [.000050] NICKEL.
- 8 HIGH TEMPERATURE CONFIGURATION
- 9 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

SEE SHEET 2 FOR PART NUMBER TABLE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN R BROWN 07AUG00	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm		CHK J GEFSEFORD 07AUG00	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J GEFSEFORD 07AUG00	PRODUCT SPEC	
0 PLC ± -		APPLICATION SPEC		
1 PLC ± -		SIZE		
2 PLC ± 0.13 [.005]		CAGE CODE		
3 PLC ± -		DRAWING NO		
4 PLC ± -		RESTRICTED TO		
ANGLES ± -		WEIGHT		
MATERIAL		A1 00779 C=146220		
FINISH SEE TABLE		CUSTOMER DRAWING		
SCALE 1:1		SHEET 1 OF 2		
REV W3				

REMARKS	PLATING	ROW N	ROW M	POST OMITTED	C	B	A	NO. OF ACTIVE POSN.	NO. OF POSN.	ASSEMBLY PART NUMBER
OBSELETE		2, 13	13		42.77	40.64	16	31	34	8-146220-9
		NONE	5,7		[1.684]	[1.600]	7	14	16	8-146220-8
		NONE	5		19.91	17.78	9	19	20	8-146220-7
		3	NONE		[.784]	[.700]	3	7	8	8-146220-6
		NONE	14		24.99	22.86	26	53	54	8-146220-5
		NONE	7		[.984]	[.900]	7	15	16	8-146220-4
		4,8,12,	4,8,12,		9.75	7.62	14	24	30	8-146220-3
		NONE	1		[.384]	[.300]	4	9	10	8-146220-2
		NONE	1		68.17	66.04	7	15	16	8-146220-1
		9	12		[2.684]	[2.600]	16	32	34	8-146220-0
		5	5		19.91	17.78	16	32	34	7-146220-9
		3	1,4,5		[.784]	[.700]	12	22	26	7-146220-8
		6	1,6,8		42.77	40.64	7	12	16	7-146220-7
		9	8,9,12		[1.684]	[1.600]	16	30	34	7-146220-6
		4,8,12	4,8,12		68.17	66.04	26	42	54	7-146220-5
		1,3	NONE		[2.684]	[2.600]	8	16	18	7-146220-4
		NONE	8		22.45	20.32	7	15	16	7-146220-3
		NONE	1		[.884]	[.800]	6	13	14	7-146220-2
		1	NONE		[.784]	[.700]	3	7	8	7-146220-1
		NONE	10		[.684]	[.600]	19	39	40	7-146220-0
		3	NONE		50.39	48.26	16	33	34	6-146220-9
		1	12		[1.984]	[1.900]	12	24	26	6-146220-8
		4	3,5		42.77	40.64	6	11	14	6-146220-7
		12	NONE		[1.684]	[1.600]	12	25	26	6-146220-6
		NONE	10		32.61	30.48	12	25	26	6-146220-5
		1	NONE		[1.284]	[1.200]	12	25	26	6-146220-4
		NONE	4		32.61	30.48	4	9	10	6-146220-3
		1	NONE		12.29	10.16	2	5	6	6-146220-2
		NONE	7		[.484]	[.400]	7	15	16	6-146220-1
		NONE	2		7.21	5.08	1	3	4	6-146220-0
		13,14	14		[.284]	[.200]	19	37	40	5-146220-9
		13,14	14		4.67	2.54	16	31	34	5-146220-8
		14	14		[1.984]	[1.900]	16	32	34	5-146220-7
		9	15		42.77	40.64	16	32	34	5-146220-6
		NONE	13		[1.684]	[1.600]	12	25	26	5-146220-5
		10	2,7		32.61	30.48	9	17	20	5-146220-4
		9	NONE		[1.284]	[1.200]	16	33	34	5-146220-3
		NONE	5		[.984]	[.900]	4	9	10	5-146220-2
		13	NONE		42.77	40.64	12	25	26	5-146220-1

REMARKS	PLATING	ROW N	ROW M	POST OMITTED	C	B	A	NO. OF ACTIVE POSN.	NO. OF POSN.	ASSEMBLY PART NUMBER
OBSELETE		2, 13	13		42.77	40.64	16	31	34	3-146220-9
		NONE	5,7		[1.684]	[1.600]	7	14	16	3-146220-8
		NONE	5		19.91	17.78	9	19	20	3-146220-7
		3	NONE		[.784]	[.700]	3	7	8	3-146220-6
		NONE	14		24.99	22.86	26	53	54	3-146220-5
		NONE	7		[.984]	[.900]	7	15	16	3-146220-4
		4,8,12,	4,8,12,		9.75	7.62	14	24	30	3-146220-3
		NONE	1		[.384]	[.300]	4	9	10	3-146220-2
		NONE	1		68.17	66.04	7	15	16	3-146220-1
		9	12		[2.684]	[2.600]	16	32	34	3-146220-0
		5	5		19.91	17.78	16	32	34	2-146220-9
		3	1,4,5		[.784]	[.700]	12	22	26	2-146220-8
		6	1,6,8		42.77	40.64	7	12	16	2-146220-7
		9	8,9,12		[1.684]	[1.600]	16	30	34	2-146220-6
		4,8,12	4,8,12		68.17	66.04	26	42	54	2-146220-5
		1,3	NONE		[2.684]	[2.600]	8	16	18	2-146220-4
		NONE	8		22.45	20.32	7	15	16	2-146220-3
		NONE	1		[.884]	[.800]	6	13	14	2-146220-2
		1	NONE		[.784]	[.700]	3	7	8	2-146220-1
		NONE	10		[.684]	[.600]	19	39	40	2-146220-0
		3	NONE		50.39	48.26	16	33	34	1-146220-9
		1	12		[1.984]	[1.900]	12	24	26	1-146220-8
		4	3,5		42.77	40.64	6	11	14	1-146220-7
		12	NONE		[1.684]	[1.600]	12	25	26	1-146220-6
		NONE	10		32.61	30.48	12	25	26	1-146220-5
		1	NONE		[1.284]	[1.200]	12	25	26	1-146220-4
		NONE	4		32.61	30.48	4	9	10	1-146220-3
		1	NONE		12.29	10.16	2	5	6	1-146220-2
		NONE	7		[.484]	[.400]	7	15	16	1-146220-1
		NONE	2		7.21	5.08	1	3	4	1-146220-0
		13,14	14		[.284]	[.200]	19	37	40	146220-9
		13,14	14		4.67	2.54	16	31	34	146220-8
		14	14		[1.984]	[1.900]	16	32	34	146220-7
		9	15		42.77	40.64	16	32	34	146220-6
		NONE	13		[1.684]	[1.600]	12	25	26	146220-5
		10	2,7		32.61	30.48	9	17	20	146220-4
		9	NONE		[1.284]	[1.200]	16	33	34	146220-3
		NONE	5		[.984]	[.900]	4	9	10	146220-2
		13	NONE		42.77	40.64	12	25	26	146220-1

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONS: mm. TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PL ± .015, 1 PL ± .015, 2 PL ± .015, 3 PL ± .015, 4 PL ± .015, ANGLES ± .015. MATERIAL: 6. FINISH: SEE TABLE. WEIGHT: -. RESTRICTED TO: -. CUSTOMER DRAWING. SCALE: 1:1. SHEET 2 OF 2. REV W3.

DIN R BROWN 07AUG00. CHK J GESFORD 07AUG00. APVO J GESFORD 07AUG00. NAME: Tyco Electronics Corporation, Harrisburg, Pa 17105-3608. HEADERS ASSEMBLY, MOD II, BREAKAWAY, DOUBLE ROW, .100 X .100 CL, VERTICAL, .025 SQ. POST, SELECT LOAD. SIZE: A1. CASE CODE: 00779. DRAWING NO: 146220.