



RECOMMENDED PC BOARD MOUNTING DIMENSIONS
 FOR .063 [1.60] THICK PC BOARD AND
 .012 [.305] STENCIL THICK

- 1 THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND HOUSING.
- 2 BREAKAWAY NOTCH ANGLE CAN BE ORIENTED TO THE RIGHT (AS SHOWN) OR TO THE LEFT
- 3. FOR ACTIVE POSITION SIZES 4 AND ABOVE, POSTS WILL BE SELECTIVELY SWAGED TO PROVIDE CONNECTOR RETENTION TO THE PC BOARD UNTIL SOLDERED. FOR POSITION SIZE 2, POSTS WILL BE KINKED.(SEE TABLE FOR RETENTION FEATURE LOCATION)
- 4 0.000762 [.000030] GOLD ON CONTACT AREA, 0.00254-0.00508 [.000100-.000200] MATTE TIN-LEAD ON SOLDER TAIL ALL OVER 0.00127 [.000050] NICKEL.
- 5 HOUSING: GLASS FILLED THERMOPLASTIC, COLOR, BLACK. (WILL WITHSTAND VAPOR PHASE REFLOW.)
- 6 0.000762 [.000030] GOLD ON CONTACT AREA, 0.00254-0.00508 [.000100-.000200] MATTE TIN ON SOLDER TAIL ALL OVER 0.00127 [.000050] NICKEL.

OBSOLETE

PLATING	ROW M	ROW N	C	B	A	NO. OF POSITIONS	PART NUMBER
4	1,2,39,40	1,2,39,40	101.19 [3.984]	99.06 [3.900]	39	80	4-146311-0
4	1,2,38,39	1,2,38,39	98.65 [3.884]	96.52 [3.800]	38	78	3-146311-9
4	1,2,37,38	1,2,37,38	96.11 [3.784]	93.98 [3.700]	37	76	3-146311-8
4	1,2,36,37	1,2,36,37	93.57 [3.684]	91.44 [3.600]	36	74	3-146311-7
4	1,2,35,36	1,2,35,36	91.03 [3.584]	88.90 [3.500]	35	72	3-146311-6
4	1,2,34,35	1,2,34,35	88.49 [3.484]	86.36 [3.400]	34	70	3-146311-5
4	1,2,33,34	1,2,33,34	85.95 [3.384]	83.82 [3.300]	33	68	3-146311-4
4	1,2,32,33	1,2,32,33	83.41 [3.284]	81.28 [3.200]	32	66	3-146311-3
4	1,2,31,32	1,2,31,32	80.87 [3.184]	78.74 [3.100]	31	64	3-146311-2
4	1,2,30,31	1,2,30,31	78.33 [3.084]	76.20 [3.000]	30	62	3-146311-1
4	1,2,29,30	1,2,29,30	75.79 [2.984]	73.66 [2.900]	29	60	3-146311-0
4	1,2,28,29	1,2,28,29	73.25 [2.884]	71.12 [2.800]	28	58	2-146311-9
4	1,2,27,28	1,2,27,28	70.71 [2.784]	68.58 [2.700]	27	56	2-146311-8
4	1,2,26,27	1,2,26,27	68.17 [2.684]	66.04 [2.600]	26	54	2-146311-7
4	1,2,25,26	1,2,25,26	65.63 [2.584]	63.5 [2.500]	25	52	2-146311-6
4	1,2,24,25	1,2,24,25	63.09 [2.484]	60.96 [2.400]	24	50	2-146311-5
4	1,2,23,24	1,2,23,24	60.55 [2.384]	58.42 [2.300]	23	48	2-146311-4
4	1,2,22,23	1,2,22,23	58.01 [2.284]	55.88 [2.200]	22	46	2-146311-3
4	1,2,21,22	1,2,21,22	55.47 [2.184]	53.34 [2.100]	21	44	2-146311-2
4	1,2,20,21	1,2,20,21	52.93 [2.084]	50.80 [2.000]	20	42	2-146311-1
4	1,2,19,20	1,2,19,20	50.39 [1.984]	48.26 [1.900]	19	40	2-146311-0
4	1,2,18,19	1,2,18,19	47.85 [1.884]	45.72 [1.800]	18	38	1-146311-9
4	1,2,17,18	1,2,17,18	45.31 [1.784]	43.18 [1.700]	17	36	1-146311-8
4	1,2,16,17	1,2,16,17	42.77 [1.684]	40.64 [1.600]	16	34	1-146311-7
4	1,2,15,16	1,2,15,16	40.23 [1.584]	38.10 [1.500]	15	32	1-146311-6
4	1,2,14,15	1,2,14,15	37.69 [1.484]	35.56 [1.400]	14	30	1-146311-5
4	1,2,13,14	1,2,13,14	35.15 [1.384]	33.02 [1.300]	13	28	1-146311-4
4	1,2,12,13	1,2,12,13	32.61 [1.284]	30.48 [1.200]	12	26	1-146311-3
4	1,2,11,12	1,2,11,12	30.07 [1.184]	27.94 [1.100]	11	24	1-146311-2
4	1,2,10,11	1,2,10,11	27.53 [1.084]	25.40 [1.000]	10	22	1-146311-1
4	1,2,9,10	1,2,9,10	24.99 [.984]	22.86 [.900]	9	20	1-146311-0
4	1,2,8,9	1,2,8,9	22.45 [.884]	20.32 [.800]	8	18	146311-9
4	1,2,7,8	1,2,7,8	19.91 [.784]	17.78 [.700]	7	16	146311-8
4	1,2,6,7	1,2,6,7	17.37 [.684]	15.24 [.600]	6	14	146311-7
4	1,2,5,6	1,2,5,6	14.83 [.584]	12.70 [.500]	5	12	146311-6
4	1,2,4,5	1,2,4,5	12.29 [.484]	10.16 [.400]	4	10	146311-5
4	1,2,3,4	1,2,3,4	9.75 [.384]	7.62 [.300]	3	8	146311-4
4	1,2,3	1,2,3	7.21 [.284]	5.08 [.200]	2	6	146311-3
4	1,2	1,2	4.67 [.184]	2.54 [.100]	1	4	146311-2
4	1	1	2.13 [.084]	-	0	2	146311-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm (INCHES)	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DRAWING NO. 00779	SCALE 4:1
0 PLC ± .01	1 PLC ± .015	12SEP95	SHEET 1 OF 2
1 PLC ± .015	2 PLC ± .015	12SEP95	REV C
2 PLC ± .015	3 PLC ± .012(.005)		
3 PLC ± .012(.005)	4 PLC ± .012(.005)		
4 PLC ± .012(.005)	ANGLES ± .0127(.005)		

APPROVED: G. DUBNICZKI
 NAME: G. DUBNICZKI
 PRODUCT SPEC: W/.025 SQ. POSTS WITH HOLD-DOWN CONFIGURATION.
 APPLICATION SPEC: W/.025 SQ. POSTS WITH HOLD-DOWN CONFIGURATION.
 SIZE: A1
 WEIGHT: -
 CUSTOMER DRAWING: 146311

△6	1,2,39,40	1,2,39,40	101.19 [3.984]	99.06 [3.900]	39	80	9-146311-0
△6	1,2,38,39	1,2,38,39	98.65 [3.884]	96.52 [3.800]	38	78	8-146311-9
△6	1,2,37,38	1,2,37,38	96.11 [3.784]	93.98 [3.700]	37	76	8-146311-8
△6	1,2,36,37	1,2,36,37	93.57 [3.684]	91.44 [3.600]	36	74	8-146311-7
△6	1,2,35,36	1,2,35,36	91.03 [3.584]	88.90 [3.500]	35	72	8-146311-6
△6	1,2,34,35	1,2,34,35	88.49 [3.484]	86.36 [3.400]	34	70	8-146311-5
△6	1,2,33,34	1,2,33,34	85.95 [3.384]	83.82 [3.300]	33	68	8-146311-4
△6	1,2,32,33	1,2,32,33	83.41 [3.284]	81.28 [3.200]	32	66	8-146311-3
△6	1,2,31,32	1,2,31,32	80.87 [3.184]	78.74 [3.100]	31	64	8-146311-2
△6	1,2,30,31	1,2,30,31	78.33 [3.084]	76.20 [3.000]	30	62	8-146311-1
△6	1,2,29,30	1,2,29,30	75.79 [2.984]	73.66 [2.900]	29	60	8-146311-0
△6	1,2,28,29	1,2,28,29	73.25 [2.884]	71.12 [2.800]	28	58	7-146311-9
△6	1,2,27,28	1,2,27,28	70.71 [2.784]	68.58 [2.700]	27	56	7-146311-8
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△6	1,2,25,26	1,2,25,26	65.63 [2.584]	63.5 [2.500]	25	52	7-146311-6
△6	1,2,24,25	1,2,24,25	63.09 [2.484]	60.96 [2.400]	24	50	7-146311-5
△6	1,2,23,24	1,2,23,24	60.55 [2.384]	58.42 [2.300]	23	48	7-146311-4
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△6	1,2,19,20	1,2,19,20	50.39 [1.984]	48.26 [1.900]	19	40	7-146311-0
△6	1,2,18,19	1,2,18,19	47.85 [1.884]	45.72 [1.800]	18	38	6-146311-9
△6	1,2,17,18	1,2,17,18	45.31 [1.784]	43.18 [1.700]	17	36	6-146311-8
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△6	1,2,15,16	1,2,15,16	40.23 [1.584]	38.10 [1.500]	15	32	6-146311-6
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△6	1,2,7,8	1,2,7,8	19.91 [.784]	17.78 [.700]	7	16	5-146311-8
△6	1,2,6,7	1,2,6,7	17.37 [.684]	15.24 [.600]	6	14	5-146311-7
△6	1,2,5,6	1,2,5,6	14.83 [.584]	12.70 [.500]	5	12	5-146311-6
△6	1,2,4,5	1,2,4,5	12.29 [.484]	10.16 [.400]	4	10	5-146311-5
△6	1,2,3,4	1,2,3,4	9.75 [.384]	7.62 [.300]	3	8	5-146311-4
△6	1,2,3	1,2,3	7.21 [.284]	5.08 [.200]	2	6	5-146311-3
△6	1,2	1,2	4.67 [.184]	2.54 [.100]	1	4	5-146311-2

PLATING ROW M ROW N
 HOLD-DOWN POST CONFIG. LOCATIONS. C B A NO. OF POSITIONS PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DIN T. HOFFMAN 21JUN95 Tyco Electronics Corporation
 CHK G. DUBNICZKI 02OCT95 Harrisburg, Pa 17105-3608
 APVO G. DUBNICZKI 02OCT95
 NAME: HEADER ASSEMBLY, MOD II, BREAKAWAY, HIGH TEMP.,
 PRODUCT SPEC: RIGHT ANGLE, DOUBLE ROW, .100 X.100 CL,
 APPLICATION SPEC: W/.025 SQ. POSTS WITH HOLD-DOWN CONFIGURATION.
 SIZE: CASE CODE: DRAWING NO: RESTRICTED TO
 WEIGHT: A1 00779 146311
 CUSTOMER DRAWING SCALE: 4:1 SHEET 2 OF 2 REV C