

RECOMMENDED PC BOARD MOUNTING DIMENSIONS FOR .063 [1.60] THICK PC BOARD AND .012 [0.305] 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 [0.000030] GOLD ON CONTACT AREA, 0.00254-0.00508 [0.000100-0.000200] MATTE TIN-LEAD ON SOLDER TAIL ALL OVER 0.00127 [0.000050] NICKEL.
- 5 HOUSING: GLASS FILLED THERMOPLASTIC, COLOR, BLACK. (WILL WITHSTAND VAPOR PHASE REFLOW.) POST: COPPER ALLOY
- 6 0.000762 [0.000030] GOLD ON CONTACT AREA, 0.00254-0.00508 [0.000100-0.000200] MATTE TIN ON SOLDER TAIL ALL OVER 0.00127 [0.000050] NICKEL.
- 7 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

OBSOLETE	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
OBSOLETE	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
OBSOLETE	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
OBSOLETE	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
OBSOLETE	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
OBSOLETE	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
OBSOLETE	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
OBSOLETE	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
OBSOLETE	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
OBSOLETE	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
OBSOLETE	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
OBSOLETE	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
OBSOLETE	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
OBSOLETE	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
OBSOLETE	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
OBSOLETE	4	1,2,9,10	1,2,9,10	24.99 [0.984]	22.86 [0.900]	9	20	1-146311-0
	4	1,2,8,9	1,2,8,9	22.45 [0.884]	20.32 [0.800]	8	18	146311-9
OBSOLETE	4	1,2,7,8	1,2,7,8	19.91 [0.784]	17.78 [0.700]	7	16	146311-8
	4	1,2,6,7	1,2,6,7	17.37 [0.684]	15.24 [0.600]	6	14	146311-7
OBSOLETE	4	1,2,5,6	1,2,5,6	14.83 [0.584]	12.70 [0.500]	5	12	146311-6
	4	1,2,4,5	1,2,4,5	12.29 [0.484]	10.16 [0.400]	4	10	146311-5
OBSOLETE	4	1,2,3,4	1,2,3,4	9.75 [0.384]	7.62 [0.300]	3	8	146311-4
	4	1,2,3	1,2,3	7.21 [0.284]	5.08 [0.200]	2	6	146311-3
OBSOLETE	4	1,2	1,2	4.67 [0.184]	2.54 [0.100]	1	4	146311-2
	4	1	1	2.13 [0.084]	- [-]	0	2	146311-1
PLATING		ROW M	ROW N	C	B	A	NO. OF POSITIONS	PART NUMBER
		HOLD-DOWN POST CONFIG. LOCATIONS.						

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN T. HOFFMAN 21JUN95	TE Connectivity
0 PLC ± -	1 PLC ± 0.127 [0.005]	CHK G. DUBNICZKI 12SEPT95	NAME G. DUBNICZKI 12SEPT95
2 PLC ± 0.254 [0.010]	3 PLC ± 0.508 [0.020]	APVD G. DUBNICZKI 12SEPT95	PRODUCT SPEC
4 PLC ± 0.762 [0.030]	ANGLES ± 0.0127 [0.0005]	APPLICATION SPEC	W/.025 SQ. POSTS WITH HOLD-DOWN CONFIGURATION.
MATERIAL 5	FINISH SEE TABLE	WEIGHT	SIZE CAGE CODE DRAWING NO. RESTRICTED TO
			A1 00779 146311
		CUSTOMER DRAWING	SCALE 4:1 SHEET 1 OF 2 REV D

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN T. HOFFMAN 21JUN95		TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK G. DUBNICZKI 02OCT95		NAME: HEADER ASSEMBLY, MOD II, BREAKAWAY, HIGH TEMP., RIGHT ANGLE, DOUBLE ROW, .100 X.100 CL, W/.025 SQ. POSTS WITH HOLD-DOWN CONFIGURATION.	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD G. DUBNICZKI 02OCT95	PRODUCT SPEC		
0 PLC ± -		APPLICATION SPEC			
1 PLC ± .05[.02]		SIZE: A1			
2 PLC ± .012[.005]		CAGE CODE: 146311			
3 PLC ± .012[.005]		DRAWING NO: 146311			
4 PLC ± .012[.005]		RESTRICTED TO			
ANGLES ±		CUSTOMER DRAWING			
MATERIAL: △ <sub>5</sub> SEE TABLE		SCALE: 4:1 SHEET 2 OF 2 REV D			

# Mouser Electronics

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