



DETAIL Z  
POST DETAIL TYP.  
2 POST MINIMUM  
SCALE 20:1

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 SELECTIVE POSTS ARE FORMED TO PROVIDE CONNECTOR RETENTION TO PC BOARD UNTIL SOLDERED. RETENTION FEATURE IS FOR .055 MINIMUM PC BOARD THICKNESS. ( SEE DETAIL Z FOR FORM AND TABLE FOR LOCATIONS. )
- 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.) CONTACT: COPPER ALLOY.
- 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.
- 7 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN T. HOFFMAN 21JUN95		TE Connectivity	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:			
0. PLC ± - 1. PLC ± - 2. PLC ± 0.51[.02] 3. PLC ± 0.12[.005] 4. PLC ± 0.012[.0005] ANGLES ± -		APVD G. DUBNICZKI 04DEC95 PRODUCT SPEC APPLICATION SPEC		NAME: HEADER ASSEMBLY, MOD II, BREAKAWAY, HIGH TEMP, RIGHT ANGLE, SINGLE ROW, .100 C/L, W/.025 SQUARE POSTS WITH HOLD-DOWN CONFIG. SIZE: A1 CAGE CODE: 146306 DRAWING NO: 000779	
MATERIAL: SEE TABLE		WEIGHT: -		CUSTOMER DRAWING	
SCALE: 4:1		SHEET: 1 OF 2		REV: D	

OBSOLETE	△6	1,2,39,40	101.19 [3.984]	99.06 [3.900]	39	40	9-146306-0
	△6	1,2,38,39	98.65 [3.884]	96.52 [3.800]	38	39	8-146306-9
	△6	1,2,37,38	96.11 [3.784]	93.98 [3.700]	37	38	8-146306-8
	△6	1,2,36,37	93.57 [3.684]	91.44 [3.600]	36	37	8-146306-7
	△6	1,2,35,36	91.03 [3.584]	88.90 [3.500]	35	36	8-146306-6
	△6	1,2,34,35	88.49 [3.484]	86.36 [3.400]	34	35	8-146306-5
	△6	1,2,33,34	85.95 [3.384]	83.82 [3.300]	33	34	8-146306-4
	△6	1,2,32,33	83.41 [3.284]	81.28 [3.200]	32	33	8-146306-3
	△6	1,2,31,32	80.87 [3.184]	78.74 [3.100]	31	32	8-146306-2
	△6	1,2,30,31	78.33 [3.084]	76.20 [3.000]	30	31	8-146306-1
	△6	1,2,29,30	75.79 [2.984]	73.66 [2.900]	29	30	8-146306-0
	△6	1,2,28,29	73.25 [2.884]	71.12 [2.800]	28	29	7-146306-9
	△6	1,2,27,28	70.71 [2.784]	68.58 [2.700]	27	28	7-146306-8
	△6	1,2,26,27	68.17 [2.684]	66.04 [2.600]	26	27	7-146306-7
	△6	1,2,25,26	65.63 [2.584]	63.5 [2.500]	25	26	7-146306-6
	△6	1,2,24,25	63.09 [2.484]	60.96 [2.400]	24	25	7-146306-5
	△6	1,2,23,24	60.55 [2.384]	58.42 [2.300]	23	24	7-146306-4
	△6	1,2,22,23	58.01 [2.284]	55.88 [2.200]	22	23	7-146306-3
	△6	1,2,21,22	55.47 [2.184]	53.34 [2.100]	21	22	7-146306-2
	△6	1,2,20,21	52.93 [2.084]	50.80 [2.000]	20	21	7-146306-1
△6	1,2,19,20	50.39 [1.984]	48.26 [1.900]	19	20	7-146306-0	
△6	1,2,18,19	47.85 [1.884]	45.72 [1.800]	18	19	6-146306-9	
△6	1,2,17,18	45.31 [1.784]	43.18 [1.700]	17	18	6-146306-8	
△6	1,2,16,17	42.77 [1.684]	40.64 [1.600]	16	17	6-146306-7	
△6	1,2,15,16	40.23 [1.584]	38.10 [1.500]	15	16	6-146306-6	
△6	1,2,14,15	37.69 [1.484]	35.56 [1.400]	14	15	6-146306-5	
△6	1,2,13,14	35.15 [1.384]	33.02 [1.300]	13	14	6-146306-4	
△6	1,2,12,13	32.61 [1.284]	30.48 [1.200]	12	13	6-146306-3	
△6	1,2,11,12	30.07 [1.184]	27.94 [1.100]	11	12	6-146306-2	
△6	1,2,10,11	27.53 [1.084]	25.40 [1.000]	10	11	6-146306-1	
△6	1,2,9,10	24.99 [.984]	22.86 [.900]	9	10	6-146306-0	
△6	1,2,8,9	22.45 [.884]	20.32 [.800]	8	9	5-146306-9	
△6	1,2,7,8	19.91 [.784]	17.78 [.700]	7	8	5-146306-8	
△6	1,2,6,7	17.37 [.684]	15.24 [.600]	6	7	5-146306-7	
△6	ALL	14.83 [.584]	12.70 [.500]	5	6	5-146306-6	
△6	ALL	12.29 [.484]	10.16 [.400]	4	5	5-146306-5	
△6	ALL	9.75 [.384]	7.62 [.300]	3	4	5-146306-4	
△6	ALL	7.21 [.284]	5.08 [.200]	2	3	5-146306-3	
PLATING		HOLD-DOWN POST CONFIG. LOCATIONS.	C	B	A	NO. OF POSITIONS	PART NUMBER

OBSOLETE	△4	1,2,39,40	101.19 [3.984]	99.06 [3.900]	39	40	4-146306-0
	△4	1,2,38,39	98.65 [3.884]	96.52 [3.800]	38	39	3-146306-9
	△4	1,2,37,38	96.11 [3.784]	93.98 [3.700]	37	38	3-146306-8
	△4	1,2,36,37	93.57 [3.684]	91.44 [3.600]	36	37	3-146306-7
	△4	1,2,35,36	91.03 [3.584]	88.90 [3.500]	35	36	3-146306-6
	△4	1,2,34,35	88.49 [3.484]	86.36 [3.400]	34	35	3-146306-5
	△4	1,2,33,34	85.95 [3.384]	83.82 [3.300]	33	34	3-146306-4
	△4	1,2,32,33	83.41 [3.284]	81.28 [3.200]	32	33	3-146306-3
	△4	1,2,31,32	80.87 [3.184]	78.74 [3.100]	31	32	3-146306-2
	△4	1,2,30,31	78.33 [3.084]	76.20 [3.000]	30	31	3-146306-1
	△4	1,2,29,30	75.79 [2.984]	73.66 [2.900]	29	30	3-146306-0
	△4	1,2,28,29	73.25 [2.884]	71.12 [2.800]	28	29	2-146306-9
	△4	1,2,27,28	70.71 [2.784]	68.58 [2.700]	27	28	2-146306-8
	△4	1,2,26,27	68.17 [2.684]	66.04 [2.600]	26	27	2-146306-7
	△4	1,2,25,26	65.63 [2.584]	63.5 [2.500]	25	26	2-146306-6
	△4	1,2,24,25	63.09 [2.484]	60.96 [2.400]	24	25	2-146306-5
	△4	1,2,23,24	60.55 [2.384]	58.42 [2.300]	23	24	2-146306-4
	△4	1,2,22,23	58.01 [2.284]	55.88 [2.200]	22	23	2-146306-3
	△4	1,2,21,22	55.47 [2.184]	53.34 [2.100]	21	22	2-146306-2
	△4	1,2,20,21	52.93 [2.084]	50.80 [2.000]	20	21	2-146306-1
△4	1,2,19,20	50.39 [1.984]	48.26 [1.900]	19	20	2-146306-0	
△4	1,2,18,19	47.85 [1.884]	45.72 [1.800]	18	19	1-146306-9	
△4	1,2,17,18	45.31 [1.784]	43.18 [1.700]	17	18	1-146306-8	
△4	1,2,16,17	42.77 [1.684]	40.64 [1.600]	16	17	1-146306-7	
△4	1,2,15,16	40.23 [1.584]	38.10 [1.500]	15	16	1-146306-6	
△4	1,2,14,15	37.69 [1.484]	35.56 [1.400]	14	15	1-146306-5	
△4	1,2,13,14	35.15 [1.384]	33.02 [1.300]	13	14	1-146306-4	
△4	1,2,12,13	32.61 [1.284]	30.48 [1.200]	12	13	1-146306-3	
△4	1,2,11,12	30.07 [1.184]	27.94 [1.100]	11	12	1-146306-2	
△4	1,2,10,11	27.53 [1.084]	25.40 [1.000]	10	11	1-146306-1	
△4	1,2,9,10	24.99 [.984]	22.86 [.900]	9	10	1-146306-0	
△4	1,2,8,9	22.45 [.884]	20.32 [.800]	8	9	1-146306-9	
△4	1,2,7,8	19.91 [.784]	17.78 [.700]	7	8	1-146306-8	
△4	1,2,6,7	17.37 [.684]	15.24 [.600]	6	7	1-146306-7	
△4	ALL	14.83 [.584]	12.70 [.500]	5	6	1-146306-6	
△4	ALL	12.29 [.484]	10.16 [.400]	4	5	1-146306-5	
△4	ALL	9.75 [.384]	7.62 [.300]	3	4	1-146306-4	
△4	ALL	7.21 [.284]	5.08 [.200]	2	3	1-146306-3	
△4	-	4.67 [.184]	2.54 [.100]	1	2	1-146306-2	
△4	-	2.13 [.084]	-	0	1	1-146306-1	
PLATING		HOLD-DOWN POST CONFIG. LOCATIONS.	C	B	A	NO. OF POSITIONS	PART NUMBER

△7 SUPERCEDED  
OBSOLETE  
OBSOLETE

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DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN T. HOFFMAN 21JUN95	STE TE Connectivity
0 PLC ± .01	1 PLC ± .015	CHK G. DUBNICZKI 04DEC95	NAME HEADER ASSEMBLY, MOD II, BREAKAWAY, HIGH TEMP, RIGHT ANGLE, SINGLE ROW, .100 C/L, W/.025 SQUARE POSTS WITH HOLD-DOWN CONFIG.
2 PLC ± .02	3 PLC ± .03	APVO G. DUBNICZKI 04DEC95	PRODUCT SPEC
4 PLC ± .05	ANGLES ± .0127 [0.005]	APPLICATION SPEC	SIZE CASE CODE DRAWING NO. RESTRICTED TO
MATERIAL	FINISH SEE TABLE	WEIGHT	A1 00779 146306
		CUSTOMER DRAWING	SCALE 1:1 SHEET 2 OF 2 REV D