



RECOMMENDED HOLE LAYOUT

1. ASSEMBLY MAY BE BROKEN TO THE DESIRED NUMBER OF POSITIONS
2. TRUE POSITION TOLERANCE OF THE POST TIPS APPLIES WHEN THE HEADER IS HELD FLAT AGAINST THE PRINTED CIRCUIT BOARD
3. THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND HOUSING
4. HOUSING: FLAME RETARDANT THERMOPLASTIC; COLOR: BLACK.
5. FINISH: 0.000381 [.000015] GOLD ON CONTACT AREA, 0.00254-0.00508 [.000100-.000200] MATTE TIN-LEAD ON SOLDER TAIL, 0.00127 [.000050] NICKEL ENTIRE POST.
6. FINISH: 0.000381 [.000015] GOLD ON CONTACT AREA, 0.00254-0.00508 [.000100-.000200] MATTE TIN ON SOLDER TAIL, 0.00127 [.000050] NICKEL ENTIRE POST.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN R BROWN 19OCT2006	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK J GEFSEFORD 19OCT2006		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J GEFSEFORD 19OCT2006	NAME	
0 PLC ± -			HEADER ASSEMBLY, MOD II, STACKING, DOUBLE ROW, .025 SQ.POST, UNSHROUDED	
1 PLC ± 0.5[.02]			PRODUCT SPEC	
2 PLC ± 0.13[.005]			APPLICATION SPEC	
3 PLC ± -			WEIGHT	
4 PLC ± -			SIZE CAGE CODE DRAWING NO	
ANGLES ± -			A1 00779 C=146509	
MATERIAL	FINISH SEE TABLE	WEIGHT	RESTRICTED TO	
			CUSTOMER DRAWING SCALE 4:1 SHEET 1 OF 2 REV A1	

△6	101.19 [3.984]	99.06 [3.900]	39	80	9-146509-0
△6	98.65 [3.884]	96.52 [3.800]	38	78	8-146509-9
△6	96.11 [3.784]	93.98 [3.700]	37	76	8-146509-8
△6	93.57 [3.684]	91.44 [3.600]	36	74	8-146509-7
△6	91.03 [3.584]	88.90 [3.500]	35	72	8-146509-6
△6	88.49 [3.484]	86.36 [3.400]	34	70	8-146509-5
△6	85.95 [3.384]	83.82 [3.300]	33	68	8-146509-4
△6	83.41 [3.284]	81.28 [3.200]	32	66	8-146509-3
△6	80.87 [3.184]	78.74 [3.100]	31	64	8-146509-2
△6	78.33 [3.084]	76.20 [3.000]	30	62	8-146509-1
△6	75.79 [2.984]	73.66 [2.900]	29	60	8-146509-0
△6	73.25 [2.884]	71.12 [2.800]	28	58	7-146509-9
△6	70.71 [2.784]	68.58 [2.700]	27	56	7-146509-8
△6	68.17 [2.684]	66.04 [2.600]	26	54	7-146509-7
△6	65.63 [2.584]	63.50 [2.500]	25	52	7-146509-6
△6	63.09 [2.484]	60.96 [2.400]	24	50	7-146509-5
△6	60.55 [2.384]	58.42 [2.300]	23	48	7-146509-4
△6	58.01 [2.284]	55.88 [2.200]	22	46	7-146509-3
△6	55.47 [2.184]	53.34 [2.100]	21	44	7-146509-2
△6	52.93 [2.084]	50.80 [2.000]	20	42	7-146509-1
△6	50.39 [1.984]	48.26 [1.900]	19	40	7-146509-0
△6	47.85 [1.884]	45.72 [1.800]	18	38	6-146509-9
△6	45.31 [1.784]	43.18 [1.700]	17	36	6-146509-8
△6	42.77 [1.684]	40.64 [1.600]	16	34	6-146509-7
△6	40.23 [1.584]	38.10 [1.500]	15	32	6-146509-6
△6	37.69 [1.484]	35.56 [1.400]	14	30	6-146509-5
△6	35.15 [1.384]	33.02 [1.300]	13	28	6-146509-4
△6	32.61 [1.284]	30.48 [1.200]	12	26	6-146509-3
△6	30.07 [1.184]	27.94 [1.100]	11	24	6-146509-2
△6	27.53 [1.084]	25.40 [1.000]	10	22	6-146509-1
△6	24.99 [.984]	22.86 [.900]	9	20	6-146509-0
△6	22.45 [.884]	20.32 [.800]	8	18	5-146509-9
△6	19.91 [.784]	17.78 [.700]	7	16	5-146509-8
△6	17.37 [.684]	15.24 [.600]	6	14	5-146509-7
△6	14.83 [.584]	12.70 [.500]	5	12	5-146509-6
△6	12.29 [.484]	10.16 [.400]	4	10	5-146509-5
△6	9.75 [.384]	7.62 [.300]	3	8	5-146509-4
△6	7.21 [.284]	5.08 [.200]	2	6	5-146509-3
△6	4.67 [.184]	2.54 [.100]	1	4	5-146509-2
△6	2.13 [.084]	-	-	2	5-146509-1
PLATING	G	F	E	NO. OF POSITIONS	PART NUMBER

△5	101.19 [3.984]	99.06 [3.900]	39	80	4-146509-0
△5	98.65 [3.884]	96.52 [3.800]	38	78	3-146509-9
△5	96.11 [3.784]	93.98 [3.700]	37	76	3-146509-8
△5	93.57 [3.684]	91.44 [3.600]	36	74	3-146509-7
△5	91.03 [3.584]	88.90 [3.500]	35	72	3-146509-6
△5	88.49 [3.484]	86.36 [3.400]	34	70	3-146509-5
△5	85.95 [3.384]	83.82 [3.300]	33	68	3-146509-4
△5	83.41 [3.284]	81.28 [3.200]	32	66	3-146509-3
△5	80.87 [3.184]	78.74 [3.100]	31	64	3-146509-2
△5	78.33 [3.084]	76.20 [3.000]	30	62	3-146509-1
△5	75.79 [2.984]	73.66 [2.900]	29	60	3-146509-0
△5	73.25 [2.884]	71.12 [2.800]	28	58	2-146509-9
△5	70.71 [2.784]	68.58 [2.700]	27	56	2-146509-8
△5	68.17 [2.684]	66.04 [2.600]	26	54	2-146509-7
△5	65.63 [2.584]	63.50 [2.500]	25	52	2-146509-6
△5	63.09 [2.484]	60.96 [2.400]	24	50	2-146509-5
△5	60.55 [2.384]	58.42 [2.300]	23	48	2-146509-4
△5	58.01 [2.284]	55.88 [2.200]	22	46	2-146509-3
△5	55.47 [2.184]	53.34 [2.100]	21	44	2-146509-2
△5	52.93 [2.084]	50.80 [2.000]	20	42	2-146509-1
△5	50.39 [1.984]	48.26 [1.900]	19	40	2-146509-0
△5	47.85 [1.884]	45.72 [1.800]	18	38	1-146509-9
△5	45.31 [1.784]	43.18 [1.700]	17	36	1-146509-8
△5	42.77 [1.684]	40.64 [1.600]	16	34	1-146509-7
△5	40.23 [1.584]	38.10 [1.500]	15	32	1-146509-6
△5	37.69 [1.484]	35.56 [1.400]	14	30	1-146509-5
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△5	32.61 [1.284]	30.48 [1.200]	12	26	1-146509-3
△5	30.07 [1.184]	27.94 [1.100]	11	24	1-146509-2
△5	27.53 [1.084]	25.40 [1.000]	10	22	1-146509-1
△5	24.99 [.984]	22.86 [.900]	9	20	1-146509-0
△5	22.45 [.884]	20.32 [.800]	8	18	146509-9
△5	19.91 [.784]	17.78 [.700]	7	16	146509-8
△5	17.37 [.684]	15.24 [.600]	6	14	146509-7
△5	14.83 [.584]	12.70 [.500]	5	12	146509-6
△5	12.29 [.484]	10.16 [.400]	4	10	146509-5
△5	9.75 [.384]	7.62 [.300]	3	8	146509-4
△5	7.21 [.284]	5.08 [.200]	2	6	146509-3
△5	4.67 [.184]	2.54 [.100]	1	4	146509-2
△5	2.13 [.084]	-	-	2	146509-1
PLATING	G	F	E	NO. OF POSITIONS	PART NUMBER

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MATERIAL: 4	FINISH: SEE TABLE	SIZE: A1 WEIGHT: - CUSTOMER DRAWING	SCALE: 4:1 SHEET 2 OF 2 REV A1

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