



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.		DWN R BROWN	19OCT2006	 Tyco Electronics Corporation Harrisburg, PA 17105-3608
DIMENSIONS: mm [INCHES]		CHK J GESFORD	19OCT2006	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J GESFORD	19OCT2006	NAME HEADER ASSEMBLY, MOD II, STACKING, DOUBLE ROW, .025 SQ.POST, UNSHROUDED
0 PLC ± -	1 PLC ± 0.5[.02]	PRODUCT SPEC		SIZE A1
2 PLC ± 0.13[.005]	3 PLC ± -	APPLICATION SPEC		WEIGHT -
4 PLC ± -	ANGLES ± -	FINISH SEE TABLE		DRAWING NO 146506
MATERIAL		RESTRICTED TO		CUSTOMER DRAWING
4		SCALE	4:1	SHEET 1 OF 2
		REV	A	

△6	101.19 [3.984]	99.06 [3.900]	39	80	9-146506-0
△6	98.65 [3.884]	96.52 [3.800]	38	78	8-146506-9
△6	96.11 [3.784]	93.98 [3.700]	37	76	8-146506-8
△6	93.57 [3.684]	91.44 [3.600]	36	74	8-146506-7
△6	91.03 [3.584]	88.90 [3.500]	35	72	8-146506-6
△6	88.49 [3.484]	86.36 [3.400]	34	70	8-146506-5
△6	85.95 [3.384]	83.82 [3.300]	33	68	8-146506-4
△6	83.41 [3.284]	81.28 [3.200]	32	66	8-146506-3
△6	80.87 [3.184]	78.74 [3.100]	31	64	8-146506-2
△6	78.33 [3.084]	76.20 [3.000]	30	62	8-146506-1
△6	75.79 [2.984]	73.66 [2.900]	29	60	8-146506-0
△6	73.25 [2.884]	71.12 [2.800]	28	58	7-146506-9
△6	70.71 [2.784]	68.58 [2.700]	27	56	7-146506-8
△6	68.17 [2.684]	66.04 [2.600]	26	54	7-146506-7
△6	65.63 [2.584]	63.50 [2.500]	25	52	7-146506-6
△6	63.09 [2.484]	60.96 [2.400]	24	50	7-146506-5
△6	60.55 [2.384]	58.42 [2.300]	23	48	7-146506-4
△6	58.01 [2.284]	55.88 [2.200]	22	46	7-146506-3
△6	55.47 [2.184]	53.34 [2.100]	21	44	7-146506-2
△6	52.93 [2.084]	50.80 [2.000]	20	42	7-146506-1
△6	50.39 [1.984]	48.26 [1.900]	19	40	7-146506-0
△6	47.85 [1.884]	45.72 [1.800]	18	38	6-146506-9
△6	45.31 [1.784]	43.18 [1.700]	17	36	6-146506-8
△6	42.77 [1.684]	40.64 [1.600]	16	34	6-146506-7
△6	40.23 [1.584]	38.10 [1.500]	15	32	6-146506-6
△6	37.69 [1.484]	35.56 [1.400]	14	30	6-146506-5
△6	35.15 [1.384]	33.02 [1.300]	13	28	6-146506-4
△6	32.61 [1.284]	30.48 [1.200]	12	26	6-146506-3
△6	30.07 [1.184]	27.94 [1.100]	11	24	6-146506-2
△6	27.53 [1.084]	25.40 [1.000]	10	22	6-146506-1
△6	24.99 [.984]	22.86 [.900]	9	20	6-146506-0
△6	22.45 [.884]	20.32 [.800]	8	18	5-146506-9
△6	19.91 [.784]	17.78 [.700]	7	16	5-146506-8
△6	17.37 [.684]	15.24 [.600]	6	14	5-146506-7
△6	14.83 [.584]	12.70 [.500]	5	12	5-146506-6
△6	12.29 [.484]	10.16 [.400]	4	10	5-146506-5
△6	9.75 [.384]	7.62 [.300]	3	8	5-146506-4
△6	7.21 [.284]	5.08 [.200]	2	6	5-146506-3
△6	4.67 [.184]	2.54 [.100]	1	4	5-146506-2
△6	2.13 [.084]	-	-	2	5-146506-1
PLATING	G	F	E	NO. OF POSITIONS	PART NUMBER

△5	101.19 [3.984]	99.06 [3.900]	39	80	4-146506-0
△5	98.65 [3.884]	96.52 [3.800]	38	78	3-146506-9
△5	96.11 [3.784]	93.98 [3.700]	37	76	3-146506-8
△5	93.57 [3.684]	91.44 [3.600]	36	74	3-146506-7
△5	91.03 [3.584]	88.90 [3.500]	35	72	3-146506-6
△5	88.49 [3.484]	86.36 [3.400]	34	70	3-146506-5
△5	85.95 [3.384]	83.82 [3.300]	33	68	3-146506-4
△5	83.41 [3.284]	81.28 [3.200]	32	66	3-146506-3
△5	80.87 [3.184]	78.74 [3.100]	31	64	3-146506-2
△5	78.33 [3.084]	76.20 [3.000]	30	62	3-146506-1
△5	75.79 [2.984]	73.66 [2.900]	29	60	3-146506-0
△5	73.25 [2.884]	71.12 [2.800]	28	58	2-146506-9
△5	70.71 [2.784]	68.58 [2.700]	27	56	2-146506-8
△5	68.17 [2.684]	66.04 [2.600]	26	54	2-146506-7
△5	65.63 [2.584]	63.50 [2.500]	25	52	2-146506-6
△5	63.09 [2.484]	60.96 [2.400]	24	50	2-146506-5
△5	60.55 [2.384]	58.42 [2.300]	23	48	2-146506-4
△5	58.01 [2.284]	55.88 [2.200]	22	46	2-146506-3
△5	55.47 [2.184]	53.34 [2.100]	21	44	2-146506-2
△5	52.93 [2.084]	50.80 [2.000]	20	42	2-146506-1
△5	50.39 [1.984]	48.26 [1.900]	19	40	2-146506-0
△5	47.85 [1.884]	45.72 [1.800]	18	38	1-146506-9
△5	45.31 [1.784]	43.18 [1.700]	17	36	1-146506-8
△5	42.77 [1.684]	40.64 [1.600]	16	34	1-146506-7
△5	40.23 [1.584]	38.10 [1.500]	15	32	1-146506-6
△5	37.69 [1.484]	35.56 [1.400]	14	30	1-146506-5
△5	35.15 [1.384]	33.02 [1.300]	13	28	1-146506-4
△5	32.61 [1.284]	30.48 [1.200]	12	26	1-146506-3
△5	30.07 [1.184]	27.94 [1.100]	11	24	1-146506-2
△5	27.53 [1.084]	25.40 [1.000]	10	22	1-146506-1
△5	24.99 [.984]	22.86 [.900]	9	20	1-146506-0
△5	22.45 [.884]	20.32 [.800]	8	18	146506-9
△5	19.91 [.784]	17.78 [.700]	7	16	146506-8
△5	17.37 [.684]	15.24 [.600]	6	14	146506-7
△5	14.83 [.584]	12.70 [.500]	5	12	146506-6
△5	12.29 [.484]	10.16 [.400]	4	10	146506-5
△5	9.75 [.384]	7.62 [.300]	3	8	146506-4
△5	7.21 [.284]	5.08 [.200]	2	6	146506-3
△5	4.67 [.184]	2.54 [.100]	1	4	146506-2
△5	2.13 [.084]	-	-	2	146506-1
PLATING	G	F	E	NO. OF POSITIONS	PART NUMBER

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DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± 0.5[.02] 2 PLC ± 0.13[.005] 3 PLC ± - 4 PLC ± - ANGLES ± -	DWN R BROWN 19OCT2006 CHK J GESFORD 19OCT2006 APVD J GESFORD 19OCT2006	tyco Electronics Tyco Electronics Corporation Harrisburg, PA 17105-3608
MATERIAL △4	FINISH SEE TABLE	PRODUCT SPEC APPLICATION SPEC	NAME HEADER ASSEMBLY, MOD II, STACKING, DOUBLE ROW, .025 SQ.POST, UNSHROUDED
WEIGHT	SCALE 4:1	DRAWING NO A1 00779	RESTRICTED TO CUSTOMER DRAWING
		146506	SHEET 2 OF 2 REV A