



RECOMMENDED HOLE LAYOUT

- ASSEMBLY MAY BE BROKEN TO THE DESIRED NUMBER OF POSITIONS
 - TRUE POSITION TOLERANCE OF THE POST TIPS APPLIES WHEN THE HEADER IS HELD FLAT AGAINST THE PRINTED CIRCUIT BOARD
- $\triangle 3$ THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND HOUSING
 $\triangle 4$ HOUSING: FLAME RETARDANT THERMOPLASTIC; COLOR: BLACK.
 $\triangle 5$ 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.
 $\triangle 6$ 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.

SEE SHEET 2 FOR PART NUMBER TABLES

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN R BROWN 02MAR2006	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK J GEFSEFORD 02MAR2006		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J GEFSEFORD 02MAR2006	NAME	
0 PLC ± -			PRODUCT SPEC	
1 PLC ± -			APPLICATION SPEC	
2 PLC ± 0.51[.02]			SIZE CAGE CODE DRAWING NO	
3 PLC ± 0.12[.005]			RESTRICTED TO	
4 PLC ± 0.012[.0005]			WEIGHT	
ANGLES ± -			A1 00779 C=146503	
MATERIAL $\triangle 4$	FINISH SEE TABLE	CUSTOMER DRAWING	SCALE 4:1	SHEET 1 OF 2

PLATING	G	F	E	NO. OF POSITIONS	PART NUMBER
	101.19 [3.984]	99.06 [3.900]	39	80	9-146503-0
	98.65 [3.884]	96.52 [3.800]	38	78	8-146503-9
	96.11 [3.784]	93.98 [3.700]	37	76	8-146503-8
	93.57 [3.684]	91.44 [3.600]	36	74	8-146503-7
	91.03 [3.584]	88.90 [3.500]	35	72	8-146503-6
	88.49 [3.484]	86.36 [3.400]	34	70	8-146503-5
	85.95 [3.384]	83.82 [3.300]	33	68	8-146503-4
	83.41 [3.284]	81.28 [3.200]	32	66	8-146503-3
	80.87 [3.184]	78.74 [3.100]	31	64	8-146503-2
	78.33 [3.084]	76.20 [3.000]	30	62	8-146503-1
	75.79 [2.984]	73.66 [2.900]	29	60	8-146503-0
	73.25 [2.884]	71.12 [2.800]	28	58	7-146503-9
	70.71 [2.784]	68.58 [2.700]	27	56	7-146503-8
	68.17 [2.684]	66.04 [2.600]	26	54	7-146503-7
	65.63 [2.584]	63.50 [2.500]	25	52	7-146503-6
	63.09 [2.484]	60.96 [2.400]	24	50	7-146503-5
	60.55 [2.384]	58.42 [2.300]	23	48	7-146503-4
	58.01 [2.284]	55.88 [2.200]	22	46	7-146503-3
	55.47 [2.184]	53.34 [2.100]	21	44	7-146503-2
	52.93 [2.084]	50.80 [2.000]	20	42	7-146503-1
	50.39 [1.984]	48.26 [1.900]	19	40	7-146503-0
	47.85 [1.884]	45.72 [1.800]	18	38	6-146503-9
	45.31 [1.784]	43.18 [1.700]	17	36	6-146503-8
	42.77 [1.684]	40.64 [1.600]	16	34	6-146503-7
	40.23 [1.584]	38.10 [1.500]	15	32	6-146503-6
	37.69 [1.484]	35.56 [1.400]	14	30	6-146503-5
	35.15 [1.384]	33.02 [1.300]	13	28	6-146503-4
	32.61 [1.284]	30.48 [1.200]	12	26	6-146503-3
	30.07 [1.184]	27.94 [1.100]	11	24	6-146503-2
	27.53 [1.084]	25.40 [1.000]	10	22	6-146503-1
	24.99 [.984]	22.86 [.900]	9	20	6-146503-0
	22.45 [.884]	20.32 [.800]	8	18	5-146503-9
	19.91 [.784]	17.78 [.700]	7	16	5-146503-8
	17.37 [.684]	15.24 [.600]	6	14	5-146503-7
	14.83 [.584]	12.70 [.500]	5	12	5-146503-6
	12.29 [.484]	10.16 [.400]	4	10	5-146503-5
	9.75 [.384]	7.62 [.300]	3	8	5-146503-4
	7.21 [.284]	5.08 [.200]	2	6	5-146503-3
	4.67 [.184]	2.54 [.100]	1	4	5-146503-2
	2.13 [.084]	-	-	2	5-146503-1

PLATING	G	F	E	NO. OF POSITIONS	PART NUMBER
	101.19 [3.984]	99.06 [3.900]	39	80	4-146503-0
	98.65 [3.884]	96.52 [3.800]	38	78	3-146503-9
	96.11 [3.784]	93.98 [3.700]	37	76	3-146503-8
	93.57 [3.684]	91.44 [3.600]	36	74	3-146503-7
	91.03 [3.584]	88.90 [3.500]	35	72	3-146503-6
	88.49 [3.484]	86.36 [3.400]	34	70	3-146503-5
	85.95 [3.384]	83.82 [3.300]	33	68	3-146503-4
	83.41 [3.284]	81.28 [3.200]	32	66	3-146503-3
	80.87 [3.184]	78.74 [3.100]	31	64	3-146503-2
	78.33 [3.084]	76.20 [3.000]	30	62	3-146503-1
	75.79 [2.984]	73.66 [2.900]	29	60	3-146503-0
	73.25 [2.884]	71.12 [2.800]	28	58	2-146503-9
	70.71 [2.784]	68.58 [2.700]	27	56	2-146503-8
	68.17 [2.684]	66.04 [2.600]	26	54	2-146503-7
	65.63 [2.584]	63.50 [2.500]	25	52	2-146503-6
	63.09 [2.484]	60.96 [2.400]	24	50	2-146503-5
	60.55 [2.384]	58.42 [2.300]	23	48	2-146503-4
	58.01 [2.284]	55.88 [2.200]	22	46	2-146503-3
	55.47 [2.184]	53.34 [2.100]	21	44	2-146503-2
	52.93 [2.084]	50.80 [2.000]	20	42	2-146503-1
	50.39 [1.984]	48.26 [1.900]	19	40	2-146503-0
	47.85 [1.884]	45.72 [1.800]	18	38	1-146503-9
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	19.91 [.784]	17.78 [.700]	7	16	146503-8
	17.37 [.684]	15.24 [.600]	6	14	146503-7
	14.83 [.584]	12.70 [.500]	5	12	146503-6
	12.29 [.484]	10.16 [.400]	4	10	146503-5
	9.75 [.384]	7.62 [.300]	3	8	146503-4
	7.21 [.284]	5.08 [.200]	2	6	146503-3
	4.67 [.184]	2.54 [.100]	1	4	146503-2
	2.13 [.084]	-	-	2	146503-1

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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 ±	DIN E. BRANDBERG 11-NOV-96 CHK G. DUBNICZKI 11-NOV-96 APVO G. DUBNICZKI 11-NOV-96 PRODUCT SPEC APPLICATION SPEC	TE Connectivity NAME HEADER ASSEMBLY, MOD II, STACKING, DOUBLE ROW, .025 SQ.POST, UNSHROUDED
MATERIAL 4	FINISH 5	SIZE A1 CASE CODE 00779 DRAWING NO. 146503	RESTRICTED TO WEIGHT CUSTOMER DRAWING
		SCALE 4:1	SHEET 2 OF 2

Mouser Electronics

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