



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	FINISH SEE TABLE		CUSTOMER DRAWING	
			SCALE 4:1 SHEET 1 OF 2 REV A1	

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



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



THIS DRAWING IS A CONTROLLED DOCUMENT.

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 SIZE: A1 WEIGHT: - CUSTOMER DRAWING	TE Connectivity NAME: HEADER ASSEMBLY, MOD II, STACKING, DOUBLE ROW, .025 SQ.POST, UNSHROUDED DRAWING NO: 146503 SCALE: 4:1 SHEET: 2 OF 2 REV: A1
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# Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[1-146503-7](#)