



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.

SEE SHEET 2 FOR PART NUMBER TABLES

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN	02MAR2006	TE Connectivity	
		CHK J GESFORD	02MAR2006		
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD J GESFORD	02MAR2006	NAME	
		PRODUCT SPEC		HEADER ASSEMBLY, MOD II, STACKING, DOUBLE ROW, .025 SQ.POST, UNSHROUDED	
	0 PLC ± - 1 PLC ± - 2 PLC ± 0.51 [.02] 3 PLC ± 0.12 [.005] 4 PLC ± 0.012 [.0005] ANGLES ± -	APPLICATION SPEC		SIZE	CAGE CODE
		DRAWING NO		RESTRICTED TO	
MATERIAL	FINISH	WEIGHT	—	A1 00779	146503
SEE TABLE		CUSTOMER DRAWING		SCALE	4:1
		SHEET		1	OF 2
				REV	A1

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RELEASED FOR PUBLICATION

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LOCAD

DIST39

REVISONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

6

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

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	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
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	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
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	42.77 [1.684]	40.64 [1.600]	16	34	1-146503-7
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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

4805 (3/11)

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DIMENSIONS:  
mm [INCHES]

MATERIAL4

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -  
1 PLC ± -  
2 PLC ± 0.51[.02]  
3 PLC ± 0.127[.005]  
4 PLC ± 0.0127[.0005]  
ANGLES ± -  
FINISH5

DWN E. BRANDBERG 11-NOV-96  
CHK G. DUBNICZKI 11-NOV-96  
APVD G. DUBNICZKI 11-NOV-96  
PRODUCT SPEC  
APPLICATION SPEC  
WEIGHT -

TE Connectivity

HEADER ASSEMBLY, MOD II,  
STACKING, DOUBLE ROW,  
.025 SQ.POST, UNSHROUDED

SIZE CAGE CODE DRAWING NO  
A100779146503  
RESTRICTED TO -

CUSTOMER DRAWINGSCALE 4:1SHEET 2 OF 2REV A1

# Mouser Electronics

Authorized Distributor

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