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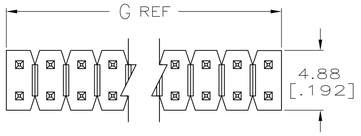
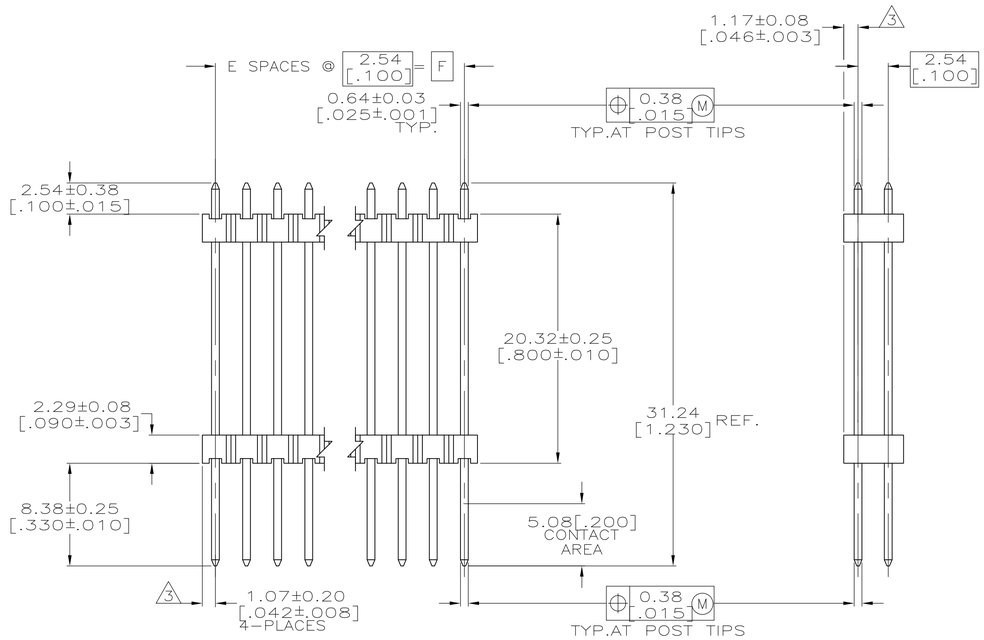
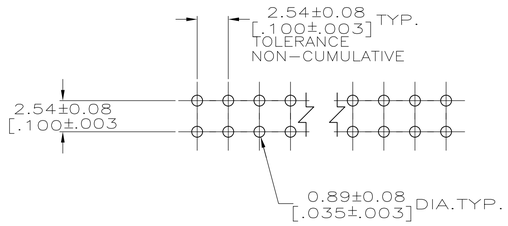
LOC	DIST
AD	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	REVISED PER ECO-11-004820	11MAR11	RK	HMR







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.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± 0.51[.02]
3 PLC ± 0.127[.005]
4 PLC ± 0.0127[.0005]
ANGLES ± –

MATERIAL 4

FINISH SEE TABLE

DWN R BROWN 02MAR2006
CHK J GESFORD 02MAR2006
APVD J GESFORD 02MAR2006

PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-146503	—

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 2 | REV A1

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LOC	DIST
AD	39

REVISIONS

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

6

	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

5

	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
	45.31 [1.784]	43.18 [1.700]	17	36	1–146503–8
	42.77 [1.684]	40.64 [1.600]	16	34	1–146503–7
	40.23 [1.584]	38.10 [1.500]	15	32	1–146503–6
	37.69 [1.484]	35.56 [1.400]	14	30	1–146503–5
	35.15 [1.384]	33.02 [1.300]	13	28	1–146503–4
	32.61 [1.284]	30.48 [1.200]	12	26	1–146503–3
	30.07 [1.184]	27.94 [1.100]	11	24	1–146503–2
	27.53 [1.084]	25.40 [1.000]	10	22	1–146503–1
	24.99 [.984]	22.86 [.900]	9	20	1–146503–0
	22.45 [.884]	20.32 [.800]	8	18	146503–9
	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
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 ± 0.127[.005]
4 PLC ± 0.0127[.0005]
ANGLES ± –

MATERIAL 4

FINISH 5

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

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C–146503	–

CUSTOMER DRAWING | SCALE 4:1 | SHEET 2 OF 2 | REV A1

4805 (3/11)

Mouser Electronics

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TE Connectivity:

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