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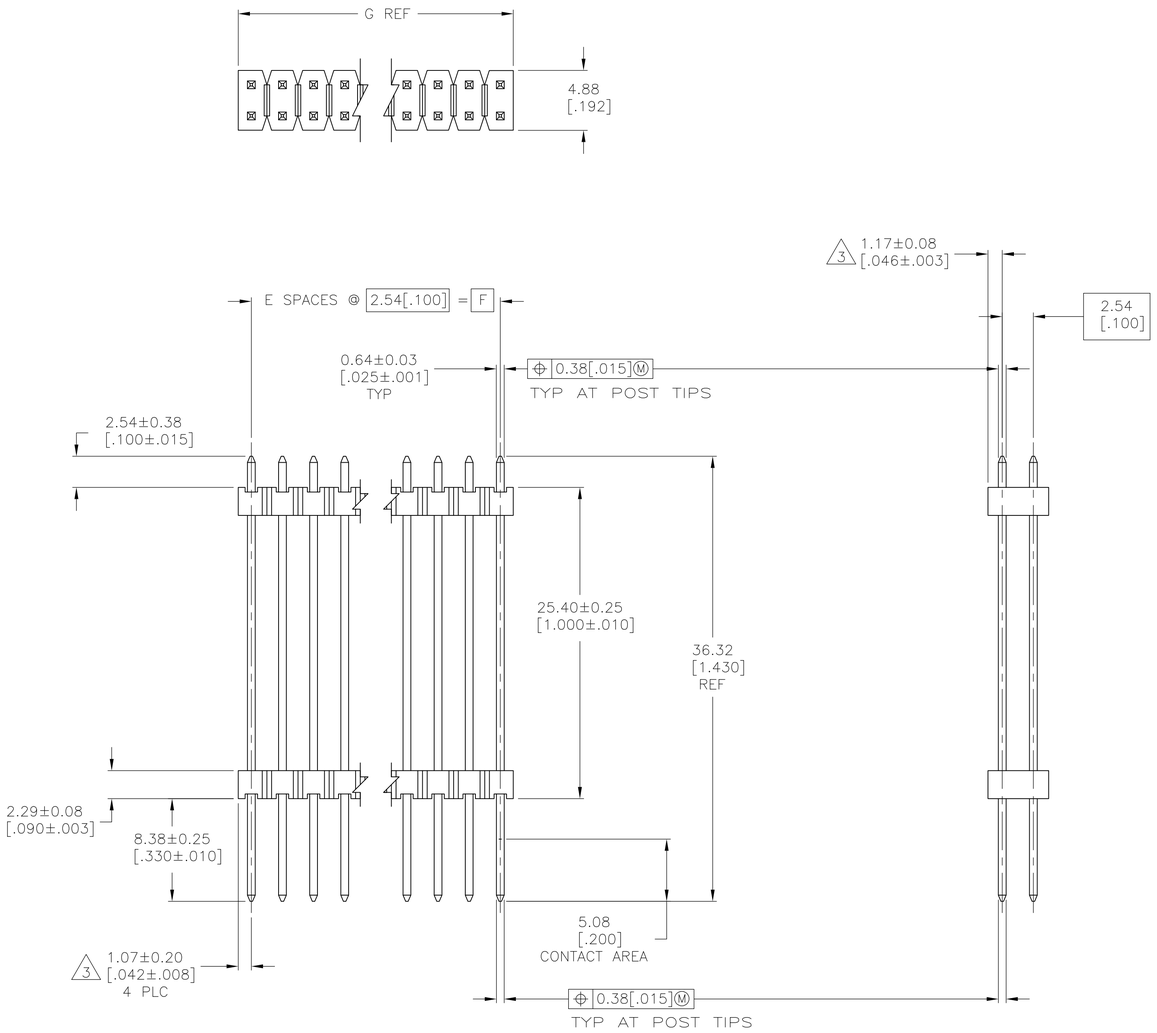
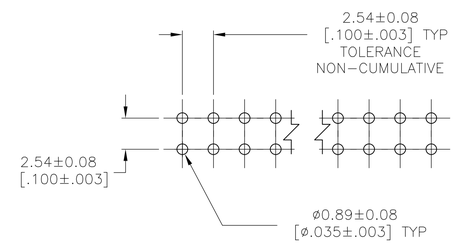
LOC	DIST
AD	00

REVISIONS

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



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.



RECOMMENDED HOLE LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN R BROWN 19OCT2006	TE Connectivity	
DIMENSIONS: mm [INCHES]	CHK J GESFORD 19OCT2006	NAME	HEADER ASSEMBLY, MOD II, STACKING, DOUBLE ROW, .025 SQ.POST, UNSHROUDED
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± -, 1 PLC ± 0.5[.02], 2 PLC ± 0.13[.005], 3 PLC ± -, 4 PLC ± -, ANGLES ± -	APVD J GESFORD 19OCT2006	PRODUCT SPEC —	
		APPLICATION SPEC —	SIZE A1 / CAGE CODE 00779 / DRAWING NO C-146509 / RESTRICTED TO —
MATERIAL 4	FINISH SEE TABLE	WEIGHT —	
		CUSTOMER DRAWING	SCALE 4:1 / SHEET 1 OF 2 / REV A1

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LOC	DIST
AD	00

REVISIONS

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

6	101.19 [3.984]	99.06 [3.900]	39	80	9–146509–0
6	98.65 [3.884]	96.52 [3.800]	38	78	8–146509–9
6	96.11 [3.784]	93.98 [3.700]	37	76	8–146509–8
6	93.57 [3.684]	91.44 [3.600]	36	74	8–146509–7
6	91.03 [3.584]	88.90 [3.500]	35	72	8–146509–6
6	88.49 [3.484]	86.36 [3.400]	34	70	8–146509–5
6	85.95 [3.384]	83.82 [3.300]	33	68	8–146509–4
6	83.41 [3.284]	81.28 [3.200]	32	66	8–146509–3
6	80.87 [3.184]	78.74 [3.100]	31	64	8–146509–2
6	78.33 [3.084]	76.20 [3.000]	30	62	8–146509–1
6	75.79 [2.984]	73.66 [2.900]	29	60	8–146509–0
6	73.25 [2.884]	71.12 [2.800]	28	58	7–146509–9
6	70.71 [2.784]	68.58 [2.700]	27	56	7–146509–8
6	68.17 [2.684]	66.04 [2.600]	26	54	7–146509–7
6	65.63 [2.584]	63.50 [2.500]	25	52	7–146509–6
6	63.09 [2.484]	60.96 [2.400]	24	50	7–146509–5
6	60.55 [2.384]	58.42 [2.300]	23	48	7–146509–4
6	58.01 [2.284]	55.88 [2.200]	22	46	7–146509–3
6	55.47 [2.184]	53.34 [2.100]	21	44	7–146509–2
6	52.93 [2.084]	50.80 [2.000]	20	42	7–146509–1
6	50.39 [1.984]	48.26 [1.900]	19	40	7–146509–0
6	47.85 [1.884]	45.72 [1.800]	18	38	6–146509–9
6	45.31 [1.784]	43.18 [1.700]	17	36	6–146509–8
6	42.77 [1.684]	40.64 [1.600]	16	34	6–146509–7
6	40.23 [1.584]	38.10 [1.500]	15	32	6–146509–6
6	37.69 [1.484]	35.56 [1.400]	14	30	6–146509–5
6	35.15 [1.384]	33.02 [1.300]	13	28	6–146509–4
6	32.61 [1.284]	30.48 [1.200]	12	26	6–146509–3
6	30.07 [1.184]	27.94 [1.100]	11	24	6–146509–2
6	27.53 [1.084]	25.40 [1.000]	10	22	6–146509–1
6	24.99 [.984]	22.86 [.900]	9	20	6–146509–0
6	22.45 [.884]	20.32 [.800]	8	18	5–146509–9
6	19.91 [.784]	17.78 [.700]	7	16	5–146509–8
6	17.37 [.684]	15.24 [.600]	6	14	5–146509–7
6	14.83 [.584]	12.70 [.500]	5	12	5–146509–6
6	12.29 [.484]	10.16 [.400]	4	10	5–146509–5
6	9.75 [.384]	7.62 [.300]	3	8	5–146509–4
6	7.21 [.284]	5.08 [.200]	2	6	5–146509–3
6	4.67 [.184]	2.54 [.100]	1	4	5–146509–2
6	2.13 [.084]	– –	–	2	5–146509–1
PLATING	G	F	E	NO. OF POSITIONS	PART NUMBER

5	101.19 [3.984]	99.06 [3.900]	39	80	4–146509–0
5	98.65 [3.884]	96.52 [3.800]	38	78	3–146509–9
5	96.11 [3.784]	93.98 [3.700]	37	76	3–146509–8
5	93.57 [3.684]	91.44 [3.600]	36	74	3–146509–7
5	91.03 [3.584]	88.90 [3.500]	35	72	3–146509–6
5	88.49 [3.484]	86.36 [3.400]	34	70	3–146509–5
5	85.95 [3.384]	83.82 [3.300]	33	68	3–146509–4
5	83.41 [3.284]	81.28 [3.200]	32	66	3–146509–3
5	80.87 [3.184]	78.74 [3.100]	31	64	3–146509–2
5	78.33 [3.084]	76.20 [3.000]	30	62	3–146509–1
5	75.79 [2.984]	73.66 [2.900]	29	60	3–146509–0
5	73.25 [2.884]	71.12 [2.800]	28	58	2–146509–9
5	70.71 [2.784]	68.58 [2.700]	27	56	2–146509–8
5	68.17 [2.684]	66.04 [2.600]	26	54	2–146509–7
5	65.63 [2.584]	63.50 [2.500]	25	52	2–146509–6
5	63.09 [2.484]	60.96 [2.400]	24	50	2–146509–5
5	60.55 [2.384]	58.42 [2.300]	23	48	2–146509–4
5	58.01 [2.284]	55.88 [2.200]	22	46	2–146509–3
5	55.47 [2.184]	53.34 [2.100]	21	44	2–146509–2
5	52.93 [2.084]	50.80 [2.000]	20	42	2–146509–1
5	50.39 [1.984]	48.26 [1.900]	19	40	2–146509–0
5	47.85 [1.884]	45.72 [1.800]	18	38	1–146509–9
5	45.31 [1.784]	43.18 [1.700]	17	36	1–146509–8
5	42.77 [1.684]	40.64 [1.600]	16	34	1–146509–7
5	40.23 [1.584]	38.10 [1.500]	15	32	1–146509–6
5	37.69 [1.484]	35.56 [1.400]	14	30	1–146509–5
5	35.15 [1.384]	33.02 [1.300]	13	28	1–146509–4
5	32.61 [1.284]	30.48 [1.200]	12	26	1–146509–3
5	30.07 [1.184]	27.94 [1.100]	11	24	1–146509–2
5	27.53 [1.084]	25.40 [1.000]	10	22	1–146509–1
5	24.99 [.984]	22.86 [.900]	9	20	1–146509–0
5	22.45 [.884]	20.32 [.800]	8	18	146509–9
5	19.91 [.784]	17.78 [.700]	7	16	146509–8
5	17.37 [.684]	15.24 [.600]	6	14	146509–7
5	14.83 [.584]	12.70 [.500]	5	12	146509–6
5	12.29 [.484]	10.16 [.400]	4	10	146509–5
5	9.75 [.384]	7.62 [.300]	3	8	146509–4
5	7.21 [.284]	5.08 [.200]	2	6	146509–3
5	4.67 [.184]	2.54 [.100]	1	4	146509–2
5	2.13 [.084]	– –	–	2	146509–1
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 ± 0.5[.02]
2 PLC ± 0.13[.005]
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL 4

FINISH SEE TABLE

DWN R BROWN	19OCT2006
CHK J GESFORD	19OCT2006
APVD J GESFORD	19OCT2006
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-146509	—

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity:

6-146509-5