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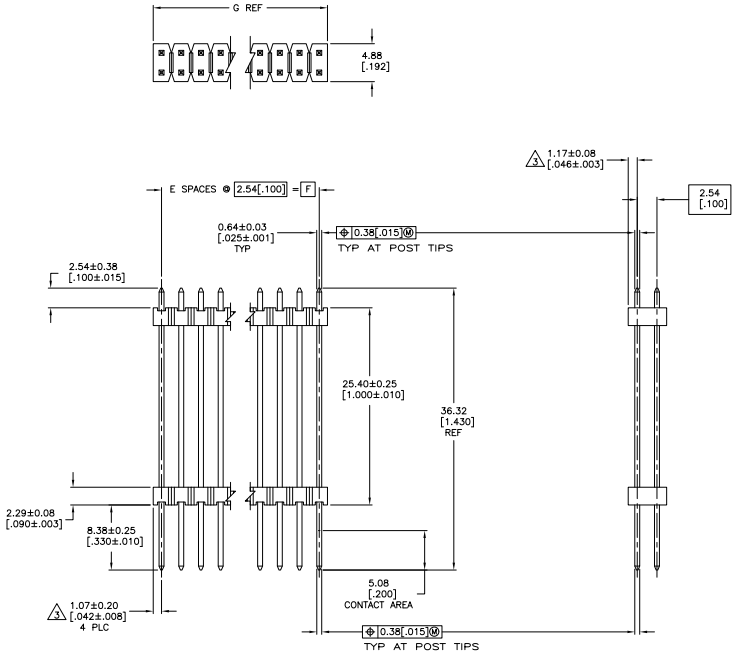
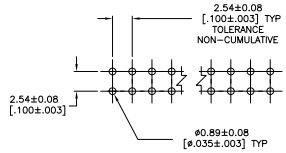
LOC	DIST
AD	00

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.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]
TOLERANCE UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± 0.05[.002]
2 PLC ± 0.13[.005]
3 PLC ± -
4 PLC ± -
ANGLES ± -
MATERIAL 4
FINISH SEE TABLE

DES	R BROWN	19OCT2006
CH	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 1 OF 2 | REV A1

4605 (3/11)

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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

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

LOC AD DIST 00

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DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± 0.45 [.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 A1 | CAGE CODE 00779 | DRAWING NO C-146509 | RESTRICTED TO –

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

4605 (3/11)

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