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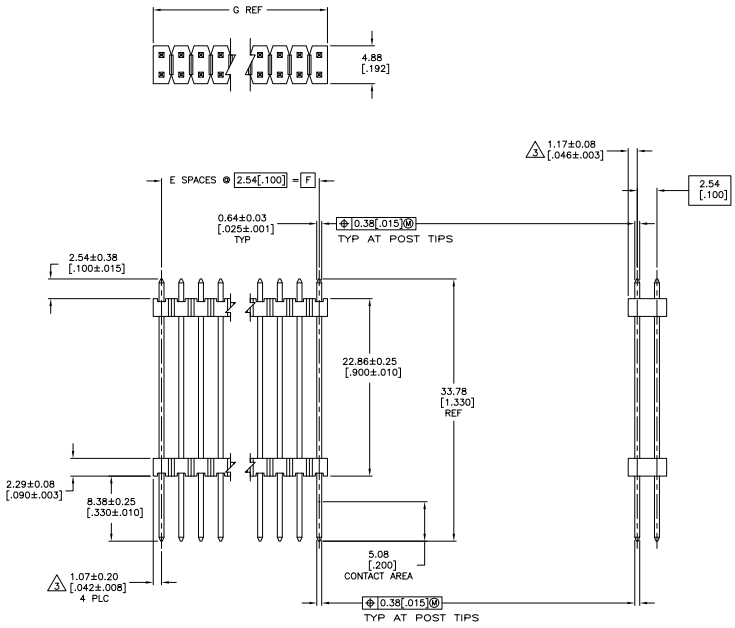
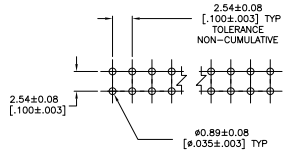
| LOC | DIST |
|---|---|
| AD | 00 |

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

| | | |
|---|---|---|
| DRN | R BROWN | 19OCT2006 |
| CK | 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-146506 | - |

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 | 9–146506–0 |
| 6 | 98.65 [3.884] | 96.52 [3.800] | 38 | 78 | 8–146506–9 |
| 6 | 96.11 [3.784] | 93.98 [3.700] | 37 | 76 | 8–146506–8 |
| 6 | 93.57 [3.684] | 91.44 [3.600] | 36 | 74 | 8–146506–7 |
| 6 | 91.03 [3.584] | 88.90 [3.500] | 35 | 72 | 8–146506–6 |
| 6 | 88.49 [3.484] | 86.36 [3.400] | 34 | 70 | 8–146506–5 |
| 6 | 85.95 [3.384] | 83.82 [3.300] | 33 | 68 | 8–146506–4 |
| 6 | 83.41 [3.284] | 81.28 [3.200] | 32 | 66 | 8–146506–3 |
| 6 | 80.87 [3.184] | 78.74 [3.100] | 31 | 64 | 8–146506–2 |
| 6 | 78.33 [3.084] | 76.20 [3.000] | 30 | 62 | 8–146506–1 |
| 6 | 75.79 [2.984] | 73.66 [2.900] | 29 | 60 | 8–146506–0 |
| 6 | 73.25 [2.884] | 71.12 [2.800] | 28 | 58 | 7–146506–9 |
| 6 | 70.71 [2.784] | 68.58 [2.700] | 27 | 56 | 7–146506–8 |
| 6 | 68.17 [2.684] | 66.04 [2.600] | 26 | 54 | 7–146506–7 |
| 6 | 65.63 [2.584] | 63.50 [2.500] | 25 | 52 | 7–146506–6 |
| 6 | 63.09 [2.484] | 60.96 [2.400] | 24 | 50 | 7–146506–5 |
| 6 | 60.55 [2.384] | 58.42 [2.300] | 23 | 48 | 7–146506–4 |
| 6 | 58.01 [2.284] | 55.88 [2.200] | 22 | 46 | 7–146506–3 |
| 6 | 55.47 [2.184] | 53.34 [2.100] | 21 | 44 | 7–146506–2 |
| 6 | 52.93 [2.084] | 50.80 [2.000] | 20 | 42 | 7–146506–1 |
| 6 | 50.39 [1.984] | 48.26 [1.900] | 19 | 40 | 7–146506–0 |
| 6 | 47.85 [1.884] | 45.72 [1.800] | 18 | 38 | 6–146506–9 |
| 6 | 45.31 [1.784] | 43.18 [1.700] | 17 | 36 | 6–146506–8 |
| 6 | 42.77 [1.684] | 40.64 [1.600] | 16 | 34 | 6–146506–7 |
| 6 | 40.23 [1.584] | 38.10 [1.500] | 15 | 32 | 6–146506–6 |
| 6 | 37.69 [1.484] | 35.56 [1.400] | 14 | 30 | 6–146506–5 |
| 6 | 35.15 [1.384] | 33.02 [1.300] | 13 | 28 | 6–146506–4 |
| 6 | 32.61 [1.284] | 30.48 [1.200] | 12 | 26 | 6–146506–3 |
| 6 | 30.07 [1.184] | 27.94 [1.100] | 11 | 24 | 6–146506–2 |
| 6 | 27.53 [1.084] | 25.40 [1.000] | 10 | 22 | 6–146506–1 |
| 6 | 24.99 [.984] | 22.86 [.900] | 9 | 20 | 6–146506–0 |
| 6 | 22.45 [.884] | 20.32 [.800] | 8 | 18 | 5–146506–9 |
| 6 | 19.91 [.784] | 17.78 [.700] | 7 | 16 | 5–146506–8 |
| 6 | 17.37 [.684] | 15.24 [.600] | 6 | 14 | 5–146506–7 |
| 6 | 14.83 [.584] | 12.70 [.500] | 5 | 12 | 5–146506–6 |
| 6 | 12.29 [.484] | 10.16 [.400] | 4 | 10 | 5–146506–5 |
| 6 | 9.75 [.384] | 7.62 [.300] | 3 | 8 | 5–146506–4 |
| 6 | 7.21 [.284] | 5.08 [.200] | 2 | 6 | 5–146506–3 |
| 6 | 4.67 [.184] | 2.54 [.100] | 1 | 4 | 5–146506–2 |
| 6 | 2.13 [.084] | – | – | 2 | 5–146506–1 |
| PLATING | G | F | E | NO. OF POSITIONS | PART NUMBER |

| | | | | | |
|---|---|---|---|---|---|
| 5 | 101.19 [3.984] | 99.06 [3.900] | 39 | 80 | 4–146506–0 |
| 5 | 98.65 [3.884] | 96.52 [3.800] | 38 | 78 | 3–146506–9 |
| 5 | 96.11 [3.784] | 93.98 [3.700] | 37 | 76 | 3–146506–8 |
| 5 | 93.57 [3.684] | 91.44 [3.600] | 36 | 74 | 3–146506–7 |
| 5 | 91.03 [3.584] | 88.90 [3.500] | 35 | 72 | 3–146506–6 |
| 5 | 88.49 [3.484] | 86.36 [3.400] | 34 | 70 | 3–146506–5 |
| 5 | 85.95 [3.384] | 83.82 [3.300] | 33 | 68 | 3–146506–4 |
| 5 | 83.41 [3.284] | 81.28 [3.200] | 32 | 66 | 3–146506–3 |
| 5 | 80.87 [3.184] | 78.74 [3.100] | 31 | 64 | 3–146506–2 |
| 5 | 78.33 [3.084] | 76.20 [3.000] | 30 | 62 | 3–146506–1 |
| 5 | 75.79 [2.984] | 73.66 [2.900] | 29 | 60 | 3–146506–0 |
| 5 | 73.25 [2.884] | 71.12 [2.800] | 28 | 58 | 2–146506–9 |
| 5 | 70.71 [2.784] | 68.58 [2.700] | 27 | 56 | 2–146506–8 |
| 5 | 68.17 [2.684] | 66.04 [2.600] | 26 | 54 | 2–146506–7 |
| 5 | 65.63 [2.584] | 63.50 [2.500] | 25 | 52 | 2–146506–6 |
| 5 | 63.09 [2.484] | 60.96 [2.400] | 24 | 50 | 2–146506–5 |
| 5 | 60.55 [2.384] | 58.42 [2.300] | 23 | 48 | 2–146506–4 |
| 5 | 58.01 [2.284] | 55.88 [2.200] | 22 | 46 | 2–146506–3 |
| 5 | 55.47 [2.184] | 53.34 [2.100] | 21 | 44 | 2–146506–2 |
| 5 | 52.93 [2.084] | 50.80 [2.000] | 20 | 42 | 2–146506–1 |
| 5 | 50.39 [1.984] | 48.26 [1.900] | 19 | 40 | 2–146506–0 |
| 5 | 47.85 [1.884] | 45.72 [1.800] | 18 | 38 | 1–146506–9 |
| 5 | 45.31 [1.784] | 43.18 [1.700] | 17 | 36 | 1–146506–8 |
| 5 | 42.77 [1.684] | 40.64 [1.600] | 16 | 34 | 1–146506–7 |
| 5 | 40.23 [1.584] | 38.10 [1.500] | 15 | 32 | 1–146506–6 |
| 5 | 37.69 [1.484] | 35.56 [1.400] | 14 | 30 | 1–146506–5 |
| 5 | 35.15 [1.384] | 33.02 [1.300] | 13 | 28 | 1–146506–4 |
| 5 | 32.61 [1.284] | 30.48 [1.200] | 12 | 26 | 1–146506–3 |
| 5 | 30.07 [1.184] | 27.94 [1.100] | 11 | 24 | 1–146506–2 |
| 5 | 27.53 [1.084] | 25.40 [1.000] | 10 | 22 | 1–146506–1 |
| 5 | 24.99 [.984] | 22.86 [.900] | 9 | 20 | 1–146506–0 |
| 5 | 22.45 [.884] | 20.32 [.800] | 8 | 18 | 146506–9 |
| 5 | 19.91 [.784] | 17.78 [.700] | 7 | 16 | 146506–8 |
| 5 | 17.37 [.684] | 15.24 [.600] | 6 | 14 | 146506–7 |
| 5 | 14.83 [.584] | 12.70 [.500] | 5 | 12 | 146506–6 |
| 5 | 12.29 [.484] | 10.16 [.400] | 4 | 10 | 146506–5 |
| 5 | 9.75 [.384] | 7.62 [.300] | 3 | 8 | 146506–4 |
| 5 | 7.21 [.284] | 5.08 [.200] | 2 | 6 | 146506–3 |
| 5 | 4.67 [.184] | 2.54 [.100] | 1 | 4 | 146506–2 |
| 5 | 2.13 [.084] | – | – | 2 | 146506–1 |
| PLATING | G | F | E | NO. OF POSITIONS | PART NUMBER |

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

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DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± 0.40 [.02]
2 PLC ± 0.13 [.005]
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL 4

FINISH SEE TABLE

DRN 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-146506 | RESTRICTED TO –

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

4605 (3/11)

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