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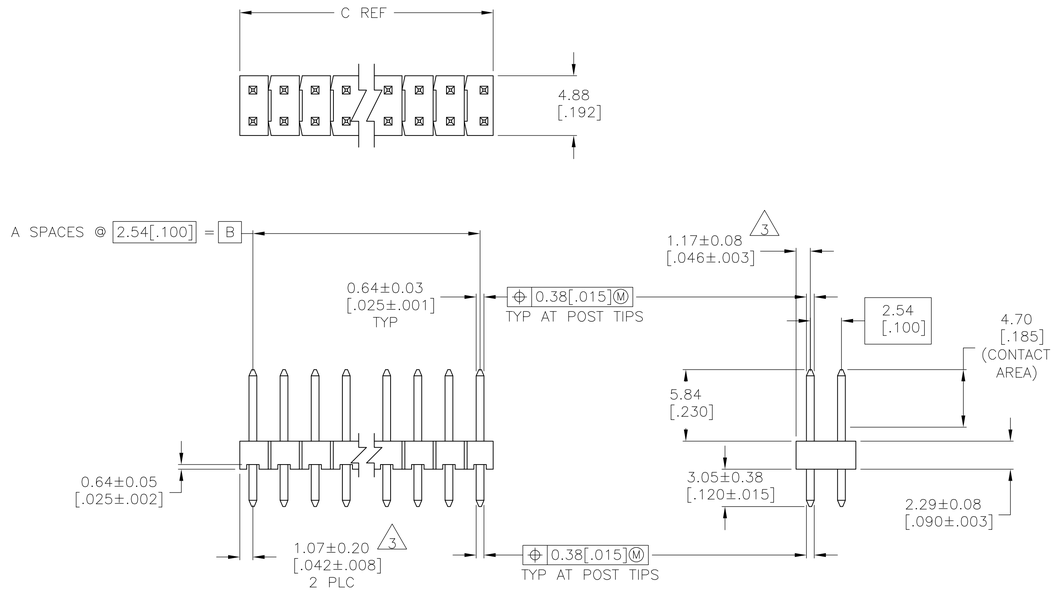
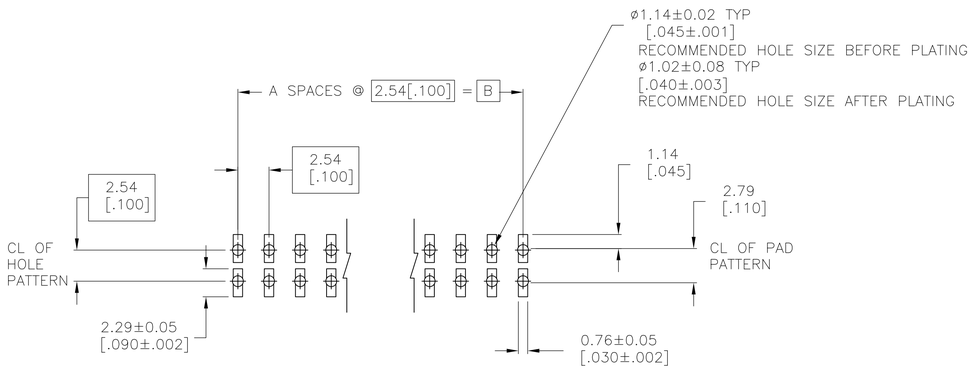
| LOC | DIST |
|---|---|
| AD | 00 |

REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | M | REV PER 0G3C-0838-04 | 28JAN05 | RB | JG |
| | M1 | REVISED PER ECO-10-000443 | 13JAN10 | KK | AEG |

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. POST PLATING: 0.00762[.000030] GOLD ON CONTACT AREA, 0.00254–0.00508[.000100–.000200] MATTE TIN–LEAD ON SOLDERTAIL, ALL OVER 0.00127[.000050] NICKEL.
5. HOUSING: LCP, COLOR–BLACK.
6. POST: PHOSPHOR BRONZE
7. PARTS PACKAGED IN TUBES.
8. POST PLATING: 0.00762[.000030] GOLD ON CONTACT AREA, 0.00254–0.00508[.000100–.000200] MATTE TIN ON SOLDERTAIL, ALL OVER 0.00127[.000050] NICKEL.
9. PRELIMINARY PART – NOT RELEASED FOR PRODUCTION.
10. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI




RECOMMENDED PC BOARD MOUNTING DIMENSIONS
FOR .063 [1.60] THICK PC BOARD AND
.012 [.305] STENCIL THICK.

| | | | | | | |
|---|---|---|---|---|---|---|
| | 8 | 101.19 [3.984] | 99.06 [3.900] | 39 | 80 | 9–146257–0 |
| | 8 | 98.65 [3.884] | 96.52 [3.800] | 38 | 78 | 10 ~~8–146257–9~~ |
| | 8 | 96.11 [3.784] | 93.98 [3.700] | 37 | 76 | 10 ~~8–146257–8~~ |
| | 8 | 93.57 [3.684] | 91.44 [3.600] | 36 | 74 | 10 ~~8–146257–7~~ |
| | 8 | 91.03 [3.584] | 88.90 [3.500] | 35 | 72 | 10 ~~8–146257–6~~ |
| | 8 | 88.49 [3.484] | 86.36 [3.400] | 34 | 70 | 10 ~~8–146257–5~~ |
| | 8 | 85.95 [3.384] | 83.82 [3.300] | 33 | 68 | 10 ~~8–146257–4~~ |
| | 8 | 83.41 [3.284] | 81.28 [3.200] | 32 | 66 | 10 ~~8–146257–3~~ |
| | 8 | 80.87 [3.184] | 78.74 [3.100] | 31 | 64 | 10 ~~8–146257–2~~ |
| | 8 | 78.33 [3.084] | 76.20 [3.000] | 30 | 62 | 10 ~~8–146257–1~~ |
| | 8 | 75.79 [2.984] | 73.66 [2.900] | 29 | 60 | 8–146257–0 |
| | 8 | 73.25 [2.884] | 71.12 [2.800] | 28 | 58 | 10 ~~7–146257–9~~ |
| | 8 | 70.71 [2.784] | 68.58 [2.700] | 27 | 56 | 10 ~~7–146257–8~~ |
| | 8 | 68.17 [2.684] | 66.04 [2.600] | 26 | 54 | 10 ~~7–146257–7~~ |
| | 8 | 65.63 [2.584] | 63.5 [2.500] | 25 | 52 | 10 ~~7–146257–6~~ |
| | 8 | 63.09 [2.484] | 60.96 [2.400] | 24 | 50 | 7–146257–5 |
| | 8 | 60.55 [2.384] | 58.42 [2.300] | 23 | 48 | 10 ~~7–146257–4~~ |
| | 8 | 58.01 [2.284] | 55.88 [2.200] | 22 | 46 | 10 ~~7–146257–3~~ |
| | 8 | 55.47 [2.184] | 53.34 [2.100] | 21 | 44 | 7–146257–2 |
| | 8 | 52.93 [2.084] | 50.80 [2.000] | 20 | 42 | 10 ~~7–146257–1~~ |
| | 8 | 50.39 [1.984] | 48.26 [1.900] | 19 | 40 | 10 ~~7–146257–0~~ |
| | 8 | 47.85 [1.884] | 45.72 [1.800] | 18 | 38 | 6–146257–9 |
| | 8 | 45.31 [1.784] | 43.18 [1.700] | 17 | 36 | 10 ~~6–146257–8~~ |
| | 8 | 42.77 [1.684] | 40.64 [1.600] | 16 | 34 | 6–146257–7 |
| | 8 | 40.23 [1.584] | 38.10 [1.500] | 15 | 32 | 10 ~~6–146257–6~~ |
| | 8 | 37.69 [1.484] | 35.56 [1.400] | 14 | 30 | 6–146257–5 |
| | 8 | 35.15 [1.384] | 33.02 [1.300] | 13 | 28 | 10 ~~6–146257–4~~ |
| | 8 | 32.61 [1.284] | 30.48 [1.200] | 12 | 26 | 6–146257–3 |
| | 8 | 30.07 [1.184] | 27.94 [1.100] | 11 | 24 | 6–146257–2 |
| | 8 | 27.53 [1.084] | 25.40 [1.000] | 10 | 22 | 6–146257–1 |
| | 8 | 24.99 [.984] | 22.86 [.900] | 9 | 20 | 6–146257–0 |
| | 8 | 22.45 [.884] | 20.32 [.800] | 8 | 18 | 10 ~~5–146257–9~~ |
| | 8 | 19.91 [.784] | 17.78 [.700] | 7 | 16 | 5–146257–8 |
| | 8 | 17.37 [.684] | 15.24 [.600] | 6 | 14 | 5–146257–7 |
| | 8 | 14.83 [.584] | 12.70 [.500] | 5 | 12 | 5–146257–6 |
| | 8 | 12.29 [.484] | 10.16 [.400] | 4 | 10 | 5–146257–5 |
| | 8 | 9.75 [.384] | 7.62 [.300] | 3 | 8 | 5–146257–4 |
| | 8 | 7.21 [.284] | 5.08 [.200] | 2 | 6 | 5–146257–3 |
| | 8 | 4.67 [.184] | 2.54 [.100] | 1 | 4 | 5–146257–2 |
| | 8 | – [ – ] | – [ – ] | 0 | 2 | 5–146257–1 |
| PLATING | | C | B | A | NO. OF POSITIONS | PART NUMBER |

| | | | | | | |
|---|---|---|---|---|---|---|
| | 8 | 17.37 [ .684] | 15.24 [ .600] | 6 | 14 | 4–146257–6 |
| 9 | 8 | 9.75 [ .384] | 7.62 [ .300] | 3 | 8 | 4–146257–5 |
| | 8 | 7.21 [ .284] | 5.08 [ .200] | 2 | 6 | 4–146257–4 |
| OBSOLETE | 8 | 24.99 [ .984] | 22.86 [ .900] | 9 | 20 | 4–146257–3 |
| 7 | 4 | 75.79 [2.984] | 73.66 [2.900] | 29 | 60 | 10 ~~4–146257–2~~ |
| 7 | 4 | 17.37 [ .684] | 15.24 [ .600] | 6 | 14 | 10 ~~4–146257–1~~ |
| | 4 | 101.19 [3.984] | 99.06 [3.900] | 39 | 80 | 4–146257–0 |
| | 4 | 98.65 [3.884] | 96.52 [3.800] | 38 | 78 | 10 ~~3–146257–9~~ |
| | 4 | 96.11 [3.784] | 93.98 [3.700] | 37 | 76 | 10 ~~3–146257–8~~ |
| | 4 | 93.57 [3.684] | 91.44 [3.600] | 36 | 74 | 10 ~~3–146257–7~~ |
| | 4 | 91.03 [3.584] | 88.90 [3.500] | 35 | 72 | 10 ~~3–146257–6~~ |
| | 4 | 88.49 [3.484] | 86.36 [3.400] | 34 | 70 | 10 ~~3–146257–5~~ |
| | 4 | 85.95 [3.384] | 83.82 [3.300] | 33 | 68 | 10 ~~3–146257–4~~ |
| | 4 | 83.41 [3.284] | 81.28 [3.200] | 32 | 66 | 10 ~~3–146257–3~~ |
| | 4 | 80.87 [3.184] | 78.74 [3.100] | 31 | 64 | 10 3–146257–2 |
| | 4 | 78.33 [3.084] | 76.20 [3.000] | 30 | 62 | 10 ~~3–146257–1~~ |
| | 4 | 75.79 [2.984] | 73.66 [2.900] | 29 | 60 | 10 ~~3–146257–0~~ |
| | 4 | 73.25 [2.884] | 71.12 [2.800] | 28 | 58 | 10 ~~2–146257–9~~ |
| | 4 | 70.71 [2.784] | 68.58 [2.700] | 27 | 56 | 10 ~~2–146257–8~~ |
| | 4 | 68.17 [2.684] | 66.04 [2.600] | 26 | 54 | 10 ~~2–146257–7~~ |
| | 4 | 65.63 [2.584] | 63.5 [2.500] | 25 | 52 | 10 ~~2–146257–6~~ |
| | 4 | 63.09 [2.484] | 60.96 [2.400] | 24 | 50 | 2–146257–5 |
| | 4 | 60.55 [2.384] | 58.42 [2.300] | 23 | 48 | 10 ~~2–146257–4~~ |
| | 4 | 58.01 [2.284] | 55.88 [2.200] | 22 | 46 | 10 ~~2–146257–3~~ |
| | 4 | 55.47 [2.184] | 53.34 [2.100] | 21 | 44 | 10 ~~2–146257–2~~ |
| | 4 | 52.93 [2.084] | 50.80 [2.000] | 20 | 42 | 10 ~~2–146257–1~~ |
| | 4 | 50.39 [1.984] | 48.26 [1.900] | 19 | 40 | 2–146257–0 |
| | 4 | 47.85 [1.884] | 45.72 [1.800] | 18 | 38 | 10 ~~1–146257–9~~ |
| | 4 | 45.31 [1.784] | 43.18 [1.700] | 17 | 36 | 10 ~~1–146257–8~~ |
| | 4 | 42.77 [1.684] | 40.64 [1.600] | 16 | 34 | 1–146257–7 |
| | 4 | 40.23 [1.584] | 38.10 [1.500] | 15 | 32 | 10 ~~1–146257–6~~ |
| | 4 | 37.69 [1.484] | 35.56 [1.400] | 14 | 30 | 10 ~~1–146257–5~~ |
| | 4 | 35.15 [1.384] | 33.02 [1.300] | 13 | 28 | 10 ~~1–146257–4~~ |
| | 4 | 32.61 [1.284] | 30.48 [1.200] | 12 | 26 | 10 ~~1–146257–3~~ |
| | 4 | 30.07 [1.184] | 27.94 [1.100] | 11 | 24 | 1–146257–2 |
| | 4 | 27.53 [1.084] | 25.40 [1.000] | 10 | 22 | 10 ~~1–146257–1~~ |
| | 4 | 24.99 [.984] | 22.86 [.900] | 9 | 20 | 1–146257–0 |
| | 4 | 22.45 [.884] | 20.32 [.800] | 8 | 18 | 10 ~~146257–9~~ |
| | 4 | 19.91 [.784] | 17.78 [.700] | 7 | 16 | 146257–8 |
| | 4 | 17.37 [.684] | 15.24 [.600] | 6 | 14 | 10 ~~146257–7~~ |
| | 4 | 14.83 [.584] | 12.70 [.500] | 5 | 12 | 10 ~~146257–6~~ |
| | 4 | 12.29 [.484] | 10.16 [.400] | 4 | 10 | 146257–5 |
| | 4 | 9.75 [.384] | 7.62 [.300] | 3 | 8 | 10 ~~146257–4~~ |
| | 4 | 7.21 [.284] | 5.08 [.200] | 2 | 6 | 10 ~~146257–3~~ |
| | 4 | 4.67 [.184] | 2.54 [.100] | 1 | 4 | 146257–2 |
| | 4 | – [ – ] | – [ – ] | 0 | 2 | 146257–1 |
| PLATING | | C | B | A | NO. OF POSITIONS | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

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 5 6
FINISH SEE TABLE

DWN R BROWN 19JAN05
CHK J GESFORD 19JAN05
APVD J GESFORD 19JAN05
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, Pa 17105–3608

NAME HEADER ASSEMBLY, MOD II, BREAKAWAY, DOUBLE ROW, HIGH TEMPERATURE

SIZE A1 | CAGE CODE 00779 | DRAWING NO C–146257 | RESTRICTED TO –

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV M1