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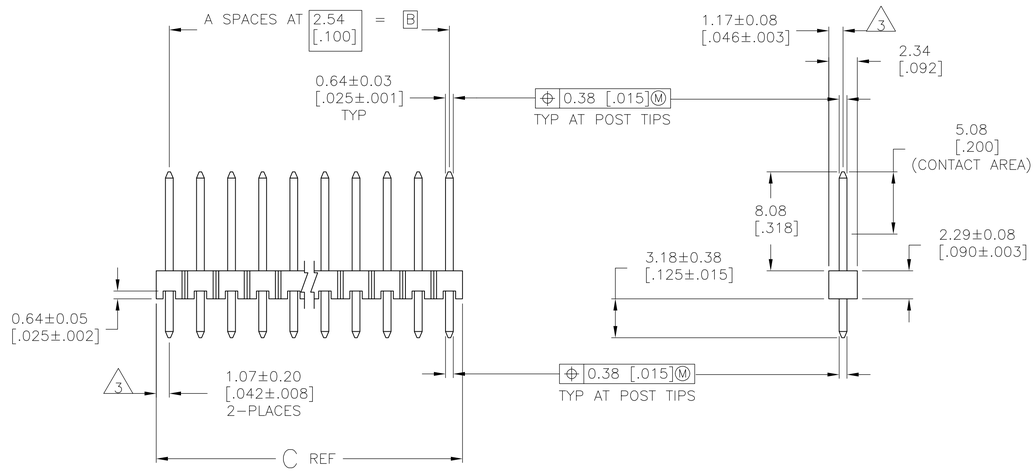
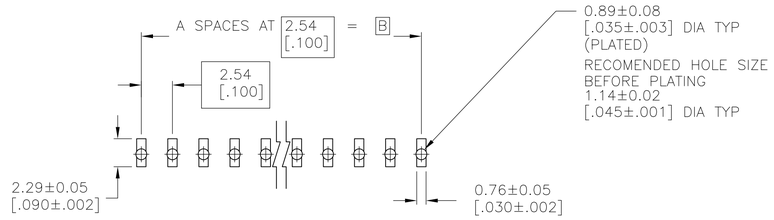
| LOC | DIST |
|---|---|
| AD | 00 |

REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | H | REVISED PER ECO-14-000255 | 14JUL2014 | NK | MM |




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

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 MATERIAL: HOUSING – LCP, COLOR: BLACK.
POSTS – COPPER ALLOY.

5 0.00076 [.000030] GOLD IN CONTACT AREA,
0.00254–0.00508 [.0000100–.0000200] MATTE TIN–LEAD ON SOLDER TAIL,
ALL OVER 0.00127 [.000050] NICKEL.

6 0.00076 [.000030] GOLD IN CONTACT AREA,
0.00254–0.00508 [.0000100–.0000200] MATTE TIN ON SOLDER TAIL,
ALL OVER 0.00127 [.000050] NICKEL.

7 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

| | PLATING | C | B | A | NO. OF POSITIONS | PART NUMBER |
|---|---|---|---|---|---|---|
| OBSOLETE 7 | 6 | 101.19 [3.984] | 99.06 [3.900] | 39 | 40 | 9-146277-0 |
| | 6 | 98.65 [3.884] | 96.52 [3.800] | 38 | 39 | 8-146277-9 |
| | 6 | 96.11 [3.784] | 93.98 [3.700] | 37 | 38 | 8-146277-8 |
| | 6 | 93.57 [3.684] | 91.44 [3.600] | 36 | 37 | 8-146277-7 |
| | 6 | 91.03 [3.584] | 88.90 [3.500] | 35 | 36 | 8-146277-6 |
| | 6 | 88.49 [3.484] | 86.36 [3.400] | 34 | 35 | 8-146277-5 |
| | 6 | 85.95 [3.384] | 83.82 [3.300] | 33 | 34 | 8-146277-4 |
| | 6 | 83.41 [3.284] | 81.28 [3.200] | 32 | 33 | 8-146277-3 |
| | 6 | 80.87 [3.184] | 78.74 [3.100] | 31 | 32 | 8-146277-2 |
| | 6 | 78.33 [3.084] | 76.20 [3.000] | 30 | 31 | 8-146277-1 |
| | 6 | 75.79 [2.984] | 73.66 [2.900] | 29 | 30 | 8-146277-0 |
| | 6 | 73.25 [2.884] | 71.12 [2.800] | 28 | 29 | 7-146277-9 |
| | 6 | 70.71 [2.784] | 68.58 [2.700] | 27 | 28 | 7-146277-8 |
| | 6 | 68.17 [2.684] | 66.04 [2.600] | 26 | 27 | 7-146277-7 |
| | 6 | 65.63 [2.584] | 63.5 [2.500] | 25 | 26 | 7-146277-6 |
| | 6 | 63.09 [2.484] | 60.96 [2.400] | 24 | 25 | 7-146277-5 |
| | 6 | 60.55 [2.384] | 58.42 [2.300] | 23 | 24 | 7-146277-4 |
| | 6 | 58.01 [2.284] | 55.88 [2.200] | 22 | 23 | 7-146277-3 |
| | 6 | 55.47 [2.184] | 53.34 [2.100] | 21 | 22 | 7-146277-2 |
| 7 OBSOLETE | 6 | 52.93 [2.084] | 50.80 [2.000] | 20 | 21 | 7-146277-1 |
| | 6 | 50.39 [1.984] | 48.26 [1.900] | 19 | 20 | 7-146277-0 |
| 7 OBSOLETE | 6 | 47.85 [1.884] | 45.72 [1.800] | 18 | 19 | 6-146277-9 |
| | 6 | 45.31 [1.784] | 43.18 [1.700] | 17 | 18 | 6-146277-8 |
| | 6 | 42.77 [1.684] | 40.64 [1.600] | 16 | 17 | 6-146277-7 |
| | 6 | 40.23 [1.584] | 38.10 [1.500] | 15 | 16 | 6-146277-6 |
| 7 OBSOLETE | 6 | 37.69 [1.484] | 35.56 [1.400] | 14 | 15 | 6-146277-5 |
| | 6 | 35.15 [1.384] | 33.02 [1.300] | 13 | 14 | 6-146277-4 |
| 7 OBSOLETE | 6 | 32.61 [1.284] | 30.48 [1.200] | 12 | 13 | 6-146277-3 |
| | 6 | 30.07 [1.184] | 27.94 [1.100] | 11 | 12 | 6-146277-2 |
| 7 OBSOLETE | 6 | 27.53 [1.084] | 25.40 [1.000] | 10 | 11 | 6-146277-1 |
| | 6 | 24.99 [ .984] | 22.86 [ .900] | 9 | 10 | 6-146277-0 |
| 7 OBSOLETE | 6 | 22.45 [ .884] | 20.32 [ .800] | 8 | 9 | 5-146277-9 |
| | 6 | 19.91 [ .784] | 17.78 [ .700] | 7 | 8 | 5-146277-8 |
| | 6 | 17.37 [ .684] | 15.24 [ .600] | 6 | 7 | 5-146277-7 |
| | 6 | 14.83 [ .584] | 12.70 [ .500] | 5 | 6 | 5-146277-6 |
| | 6 | 12.29 [ .484] | 10.16 [ .400] | 4 | 5 | 5-146277-5 |
| | 6 | 9.75 [ .384] | 7.62 [ .300] | 3 | 4 | 5-146277-4 |
| | 6 | 7.21 [ .284] | 5.08 [ .200] | 2 | 3 | 5-146277-3 |
| | 6 | 4.67 [ .184] | 2.54 [ .100] | 1 | 2 | 5-146277-2 |
| | 6 | 2.13 [.084] | – [ – ] | 0 | 1 | 5-146277-1 |

| | PLATING | C | B | A | NO. OF POSITIONS | PART NUMBER |
|---|---|---|---|---|---|---|
| OBSOLETE 7 | 5 | 101.19 [3.984] | 99.06 [3.900] | 39 | 40 | 4-146277-0 |
| | 5 | 98.65 [3.884] | 96.52 [3.800] | 38 | 39 | 3-146277-9 |
| | 5 | 96.11 [3.784] | 93.98 [3.700] | 37 | 38 | 3-146277-8 |
| | 5 | 93.57 [3.684] | 91.44 [3.600] | 36 | 37 | 3-146277-7 |
| | 5 | 91.03 [3.584] | 88.90 [3.500] | 35 | 36 | 3-146277-6 |
| | 5 | 88.49 [3.484] | 86.36 [3.400] | 34 | 35 | 3-146277-5 |
| | 5 | 85.95 [3.384] | 83.82 [3.300] | 33 | 34 | 3-146277-4 |
| | 5 | 83.41 [3.284] | 81.28 [3.200] | 32 | 33 | 3-146277-3 |
| | 5 | 80.87 [3.184] | 78.74 [3.100] | 31 | 32 | 3-146277-2 |
| | 5 | 78.33 [3.084] | 76.20 [3.000] | 30 | 31 | 3-146277-1 |
| | 5 | 75.79 [2.984] | 73.66 [2.900] | 29 | 30 | 3-146277-0 |
| | 5 | 73.25 [2.884] | 71.12 [2.800] | 28 | 29 | 2-146277-9 |
| | 5 | 70.71 [2.784] | 68.58 [2.700] | 27 | 28 | 2-146277-8 |
| | 5 | 68.17 [2.684] | 66.04 [2.600] | 26 | 27 | 2-146277-7 |
| | 5 | 65.63 [2.584] | 63.5 [2.500] | 25 | 26 | 2-146277-6 |
| | 5 | 63.09 [2.484] | 60.96 [2.400] | 24 | 25 | 2-146277-5 |
| | 5 | 60.55 [2.384] | 58.42 [2.300] | 23 | 24 | 2-146277-4 |
| | 5 | 58.01 [2.284] | 55.88 [2.200] | 22 | 23 | 2-146277-3 |
| 7 SUP BY 7-146277-2 | 5 | 55.47 [2.184] | 53.34 [2.100] | 21 | 22 | 2-146277-2 |
| 7 OBSOLETE | 5 | 52.93 [2.084] | 50.80 [2.000] | 20 | 21 | 2-146277-1 |
| 7 SUP BY 7-146277-0 | 5 | 50.39 [1.984] | 48.26 [1.900] | 19 | 20 | 2-146277-0 |
| 7 OBSOLETE | 5 | 47.85 [1.884] | 45.72 [1.800] | 18 | 19 | 1-146277-9 |
| | 5 | 45.31 [1.784] | 43.18 [1.700] | 17 | 18 | 1-146277-8 |
| | 5 | 42.77 [1.684] | 40.64 [1.600] | 16 | 17 | 1-146277-7 |
| 7 SUP BY 6-146277-6 | 5 | 40.23 [1.584] | 38.10 [1.500] | 15 | 16 | 1-146277-6 |
| 7 OBSOLETE | 5 | 37.69 [1.484] | 35.56 [1.400] | 14 | 15 | 1-146277-5 |
| 7 SUP BY 6-146277-4 | 5 | 35.15 [1.384] | 33.02 [1.300] | 13 | 14 | 1-146277-4 |
| 7 OBSOLETE | 5 | 32.61 [1.284] | 30.48 [1.200] | 12 | 13 | 1-146277-3 |
| 7 SUP BY 6-146277-2 | 5 | 30.07 [1.184] | 27.94 [1.100] | 11 | 12 | 1-146277-2 |
| 7 OBSOLETE | 5 | 27.53 [1.084] | 25.40 [1.000] | 10 | 11 | 1-146277-1 |
| 7 SUP BY 6-146277-0 | 5 | 24.99 [ .984] | 22.86 [ .900] | 9 | 10 | 1-146277-0 |
| 7 OBSOLETE | 5 | 22.45 [ .884] | 20.32 [ .800] | 8 | 9 | 146277-9 |
| 7 SUP BY 5-146277-8 | 5 | 19.91 [ .784] | 17.78 [ .700] | 7 | 8 | 146277-8 |
| 7 SUP BY 5-146277-7 | 5 | 17.37 [ .684] | 15.24 [ .600] | 6 | 7 | 146277-7 |
| 7 SUP BY 5-146277-6 | 5 | 14.83 [ .584] | 12.70 [ .500] | 5 | 6 | 146277-6 |
| 7 SUP BY 5-146277-5 | 5 | 12.29 [ .484] | 10.16 [ .400] | 4 | 5 | 146277-5 |
| 7 SUP BY 5-146277-4 | 5 | 9.75 [ .384] | 7.62 [ .300] | 3 | 4 | 146277-4 |
| 7 SUP BY 5-146277-3 | 5 | 7.21 [ .284] | 5.08 [ .200] | 2 | 3 | 146277-3 |
| 7 SUP BY 5-146277-2 | 5 | 4.67 [ .184] | 2.54 [ .100] | 1 | 2 | 146277-2 |
| 7 SUP BY 5-146277-1 | 5 | 2.13 [.084] | – [ – ] | 0 | 1 | 146277-1 |

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 T. HOFFMAN 6/20/95
CHK G. DUBNICZKI 1/5/96
APVD G. DUBNICZKI 1/5/96
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –

TE Connectivity

NAME HEADER ASSEMBLY, MOD II, BREAKWAY, SINGLE ROW, HIGH TEMPERATURE, VERTICAL W/.025 SQ POSTS

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-146277 | – |

CUSTOMER DRAWING SCALE 4:1 SHEET 1 OF 1 REV H

4805 (3/11)