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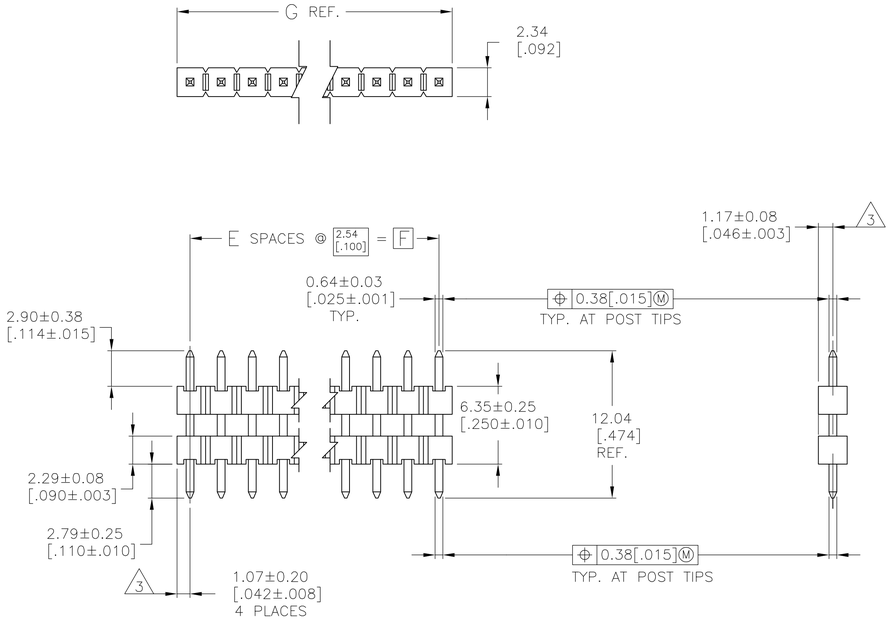
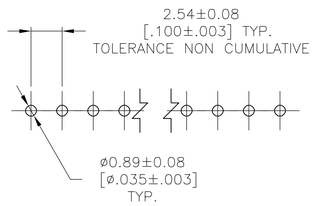
| LOC | DIST |
|---|---|
| AD | 39 |

REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | A1 | REVISED PER ECO-06-017024 | 31OCT06 | SSK | JG |




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: 0.00254–0.00508 [.000100–.000200] MATTE TIN–LEAD OVER 0.00127 [.000050] NICKEL ENTIRE POST.

△6 FINISH: 0.00254–0.00508 [.000100–.000200] MATTE TIN OVER 0.00127 [.000050] NICKEL ENTIRE POST.

| PLATING | G | F | E | NO. OF POSITIONS | PART NUMBER |
|---|---|---|---|---|---|
| △6 | 101.19 [3.984] | 99.06 [3.900] | 39 | 40 | 9-146457-0 |
| △6 | 98.65 [3.884] | 96.52 [3.800] | 38 | 39 | 8-146457-9 |
| △6 | 96.11 [3.784] | 93.98 [3.700] | 37 | 38 | 8-146457-8 |
| △6 | 93.57 [3.684] | 91.44 [3.600] | 36 | 37 | 8-146457-7 |
| △6 | 91.03 [3.584] | 88.90 [3.500] | 35 | 36 | 8-146457-6 |
| △6 | 88.49 [3.484] | 86.36 [3.400] | 34 | 35 | 8-146457-5 |
| △6 | 85.95 [3.384] | 83.82 [3.300] | 33 | 34 | 8-146457-4 |
| △6 | 83.41 [3.284] | 81.28 [3.200] | 32 | 33 | 8-146457-3 |
| △6 | 80.87 [3.184] | 78.74 [3.100] | 31 | 32 | 8-146457-2 |
| △6 | 78.33 [3.084] | 76.20 [3.000] | 30 | 31 | 8-146457-1 |
| △6 | 75.79 [2.984] | 73.66 [2.900] | 29 | 30 | 8-146457-0 |
| △6 | 73.25 [2.884] | 71.12 [2.800] | 28 | 29 | 7-146457-9 |
| △6 | 70.71 [2.784] | 68.58 [2.700] | 27 | 28 | 7-146457-8 |
| △6 | 68.17 [2.684] | 66.04 [2.600] | 26 | 27 | 7-146457-7 |
| △6 | 65.63 [2.584] | 63.50 [2.500] | 25 | 26 | 7-146457-6 |
| △6 | 63.09 [2.484] | 60.96 [2.400] | 24 | 25 | 7-146457-5 |
| △6 | 60.55 [2.384] | 58.42 [2.300] | 23 | 24 | 7-146457-4 |
| △6 | 58.01 [2.284] | 55.88 [2.200] | 22 | 23 | 7-146457-3 |
| △6 | 55.47 [2.184] | 53.34 [2.100] | 21 | 22 | 7-146457-2 |
| △6 | 52.93 [2.084] | 50.80 [2.000] | 20 | 21 | 7-146457-1 |
| △6 | 50.39 [1.984] | 48.26 [1.900] | 19 | 20 | 7-146457-0 |
| △6 | 47.85 [1.884] | 45.72 [1.800] | 18 | 19 | 6-146457-9 |
| △6 | 45.31 [1.784] | 43.18 [1.700] | 17 | 18 | 6-146457-8 |
| △6 | 42.77 [1.684] | 40.64 [1.600] | 16 | 17 | 6-146457-7 |
| △6 | 40.23 [1.584] | 38.10 [1.500] | 15 | 16 | 6-146457-6 |
| △6 | 37.69 [1.484] | 35.56 [1.400] | 14 | 15 | 6-146457-5 |
| △6 | 35.15 [1.384] | 33.02 [1.300] | 13 | 14 | 6-146457-4 |
| △6 | 32.61 [1.284] | 30.48 [1.200] | 12 | 13 | 6-146457-3 |
| △6 | 30.07 [1.184] | 27.94 [1.100] | 11 | 12 | 6-146457-2 |
| △6 | 27.53 [1.084] | 25.40 [1.000] | 10 | 11 | 6-146457-1 |
| △6 | 24.99 [.984] | 22.86 [.900] | 9 | 10 | 6-146457-0 |
| △6 | 22.45 [.884] | 20.32 [.800] | 8 | 9 | 5-146457-9 |
| △6 | 19.91 [.784] | 17.78 [.700] | 7 | 8 | 5-146457-8 |
| △6 | 17.37 [.684] | 15.24 [.600] | 6 | 7 | 5-146457-7 |
| △6 | 14.83 [.584] | 12.70 [.500] | 5 | 6 | 5-146457-6 |
| △6 | 12.29 [.484] | 10.16 [.400] | 4 | 5 | 5-146457-5 |
| △6 | 9.75 [.384] | 7.62 [.300] | 3 | 4 | 5-146457-4 |
| △6 | 7.21 [.284] | 5.08 [.200] | 2 | 3 | 5-146457-3 |
| △6 | 4.67 [.184] | 2.54 [.100] | 1 | 2 | 5-146457-2 |
| △6 | 2.13 [.084] | – | – | 1 | 5-146457-1 |

| PLATING | G | F | E | NO. OF POSITIONS | PART NUMBER |
|---|---|---|---|---|---|
| △5 | 101.19 [3.984] | 99.06 [3.900] | 39 | 40 | 4-146457-0 |
| △5 | 98.65 [3.884] | 96.52 [3.800] | 38 | 39 | 3-146457-9 |
| △5 | 96.11 [3.784] | 93.98 [3.700] | 37 | 38 | 3-146457-8 |
| △5 | 93.57 [3.684] | 91.44 [3.600] | 36 | 37 | 3-146457-7 |
| △5 | 91.03 [3.584] | 88.90 [3.500] | 35 | 36 | 3-146457-6 |
| △5 | 88.49 [3.484] | 86.36 [3.400] | 34 | 35 | 3-146457-5 |
| △5 | 85.95 [3.384] | 83.82 [3.300] | 33 | 34 | 3-146457-4 |
| △5 | 83.41 [3.284] | 81.28 [3.200] | 32 | 33 | 3-146457-3 |
| △5 | 80.87 [3.184] | 78.74 [3.100] | 31 | 32 | 3-146457-2 |
| △5 | 78.33 [3.084] | 76.20 [3.000] | 30 | 31 | 3-146457-1 |
| △5 | 75.79 [2.984] | 73.66 [2.900] | 29 | 30 | 3-146457-0 |
| △5 | 73.25 [2.884] | 71.12 [2.800] | 28 | 29 | 2-146457-9 |
| △5 | 70.71 [2.784] | 68.58 [2.700] | 27 | 28 | 2-146457-8 |
| △5 | 68.17 [2.684] | 66.04 [2.600] | 26 | 27 | 2-146457-7 |
| △5 | 65.63 [2.584] | 63.50 [2.500] | 25 | 26 | 2-146457-6 |
| △5 | 63.09 [2.484] | 60.96 [2.400] | 24 | 25 | 2-146457-5 |
| △5 | 60.55 [2.384] | 58.42 [2.300] | 23 | 24 | 2-146457-4 |
| △5 | 58.01 [2.284] | 55.88 [2.200] | 22 | 23 | 2-146457-3 |
| △5 | 55.47 [2.184] | 53.34 [2.100] | 21 | 22 | 2-146457-2 |
| △5 | 52.93 [2.084] | 50.80 [2.000] | 20 | 21 | 2-146457-1 |
| △5 | 50.39 [1.984] | 48.26 [1.900] | 19 | 20 | 2-146457-0 |
| △5 | 47.85 [1.884] | 45.72 [1.800] | 18 | 19 | 1-146457-9 |
| △5 | 45.31 [1.784] | 43.18 [1.700] | 17 | 18 | 1-146457-8 |
| △5 | 42.77 [1.684] | 40.64 [1.600] | 16 | 17 | 1-146457-7 |
| △5 | 40.23 [1.584] | 38.10 [1.500] | 15 | 16 | 1-146457-6 |
| △5 | 37.69 [1.484] | 35.56 [1.400] | 14 | 15 | 1-146457-5 |
| △5 | 35.15 [1.384] | 33.02 [1.300] | 13 | 14 | 1-146457-4 |
| △5 | 32.61 [1.284] | 30.48 [1.200] | 12 | 13 | 1-146457-3 |
| △5 | 30.07 [1.184] | 27.94 [1.100] | 11 | 12 | 1-146457-2 |
| △5 | 27.53 [1.084] | 25.40 [1.000] | 10 | 11 | 1-146457-1 |
| △5 | 24.99 [.984] | 22.86 [.900] | 9 | 10 | 1-146457-0 |
| △5 | 22.45 [.884] | 20.32 [.800] | 8 | 9 | 146457-9 |
| △5 | 19.91 [.784] | 17.78 [.700] | 7 | 8 | 146457-8 |
| △5 | 17.37 [.684] | 15.24 [.600] | 6 | 7 | 146457-7 |
| △5 | 14.83 [.584] | 12.70 [.500] | 5 | 6 | 146457-6 |
| △5 | 12.29 [.484] | 10.16 [.400] | 4 | 5 | 146457-5 |
| △5 | 9.75 [.384] | 7.62 [.300] | 3 | 4 | 146457-4 |
| △5 | 7.21 [.284] | 5.08 [.200] | 2 | 3 | 146457-3 |
| △5 | 4.67 [.184] | 2.54 [.100] | 1 | 2 | 146457-2 |
| △5 | 2.13 [.084] | – | – | 1 | 146457-1 |

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 ± 2°

MATERIAL △4

FINISH SEE TABLE

DWN T. HOFFMAN 1/16/96
CHK G. DUBNICZKI 3/4/96
APVD G. DUBNICZKI 3/4/96

PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –

tyco Electronics
Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME
HEADER ASSEMBLY, MOD II,
STACKING, SINGLE ROW,
.025 SQ.POST, UNSHROUDED

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-146457 | – |

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