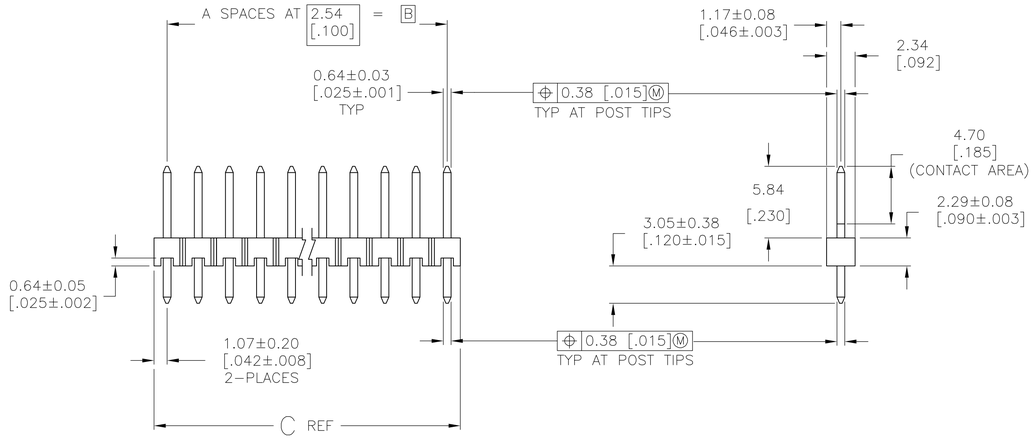
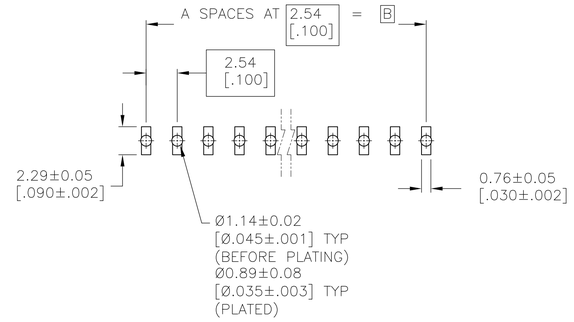
| REVISIONS | | | | | |
|---|---|---|---|---|---|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | H1 | REVISED PER ECO-16-012733 | 31AUG2016 | NK | MM |




RECOMMENDED 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 HEADERS ARE HELD FLAT AGAINST THE PRINTED CIRCUIT BOARD.

△3 0.000381 [.000015] GOLD IN CONTACT AREA, 0.00254–0.00508 [.0000100–.0000200] MATTE TIN–LEAD ON SOLDER TAIL, ALL OVER 0.00127 [.000050] NICKEL.

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

△5 0.000381 [.000015] GOLD IN CONTACT AREA, 0.00254–0.00508 [.0000100–.0000200] MATTE TIN ON SOLDER TAIL, ALL OVER 0.00127 [.000050] NICKEL.

△6 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI.

| PLATING | C | B | A | NO. OF POSITIONS | PART NUMBER |
|---|---|---|---|---|---|
| △5 | 101.19 [3.984] | 99.06 [3.900] | 39 | 40 | 9-146280-0 |
| △5 | 98.65 [3.884] | 96.52 [3.800] | 38 | 39 | △6 ~~8-146280-9~~ |
| △5 | 96.11 [3.784] | 93.98 [3.700] | 37 | 38 | △6 ~~8-146280-8~~ |
| △5 | 93.57 [3.684] | 91.44 [3.600] | 36 | 37 | △6 ~~8-146280-7~~ |
| △5 | 91.03 [3.584] | 88.90 [3.500] | 35 | 36 | 8-146280-6 |
| △5 | 88.49 [3.484] | 86.36 [3.400] | 34 | 35 | △6 ~~8-146280-5~~ |
| △5 | 85.95 [3.384] | 83.82 [3.300] | 33 | 34 | △6 ~~8-146280-4~~ |
| △5 | 83.41 [3.284] | 81.28 [3.200] | 32 | 33 | △6 ~~8-146280-3~~ |
| △5 | 80.87 [3.184] | 78.74 [3.100] | 31 | 32 | △6 ~~8-146280-2~~ |
| △5 | 78.33 [3.084] | 76.20 [3.000] | 30 | 31 | △6 ~~8-146280-1~~ |
| △5 | 75.79 [2.984] | 73.66 [2.900] | 29 | 30 | 8-146280-0 |
| △5 | 73.25 [2.884] | 71.12 [2.800] | 28 | 29 | △6 ~~7-146280-9~~ |
| △5 | 70.71 [2.784] | 68.58 [2.700] | 27 | 28 | △6 ~~7-146280-8~~ |
| △5 | 68.17 [2.684] | 66.04 [2.600] | 26 | 27 | △6 ~~7-146280-7~~ |
| △5 | 65.63 [2.584] | 63.5 [2.500] | 25 | 26 | 7-146280-6 |
| △5 | 63.09 [2.484] | 60.96 [2.400] | 24 | 25 | △6 ~~7-146280-5~~ |
| △5 | 60.55 [2.384] | 58.42 [2.300] | 23 | 24 | △6 ~~7-146280-4~~ |
| △5 | 58.01 [2.284] | 55.88 [2.200] | 22 | 23 | △6 ~~7-146280-3~~ |
| △5 | 55.47 [2.184] | 53.34 [2.100] | 21 | 22 | △6 ~~7-146280-2~~ |
| △5 | 52.93 [2.084] | 50.80 [2.000] | 20 | 21 | △6 ~~7-146280-1~~ |
| △5 | 50.39 [1.984] | 48.26 [1.900] | 19 | 20 | △6 ~~7-146280-0~~ |
| △5 | 47.85 [1.884] | 45.72 [1.800] | 18 | 19 | △6 ~~6-146280-9~~ |
| △5 | 45.31 [1.784] | 43.18 [1.700] | 17 | 18 | △6 ~~6-146280-8~~ |
| △5 | 42.77 [1.684] | 40.64 [1.600] | 16 | 17 | △6 ~~6-146280-7~~ |
| △5 | 40.23 [1.584] | 38.10 [1.500] | 15 | 16 | △6 ~~6-146280-6~~ |
| △5 | 37.69 [1.484] | 35.56 [1.400] | 14 | 15 | 6-146280-5 |
| △5 | 35.15 [1.384] | 33.02 [1.300] | 13 | 14 | 6-146280-4 |
| △5 | 32.61 [1.284] | 30.48 [1.200] | 12 | 13 | △6 ~~6-146280-3~~ |
| △5 | 30.07 [1.184] | 27.94 [1.100] | 11 | 12 | △6 ~~6-146280-2~~ |
| △5 | 27.53 [1.084] | 25.40 [1.000] | 10 | 11 | 6-146280-1 |
| △5 | 24.99 [.984] | 22.86 [.900] | 9 | 10 | 6-146280-0 |
| △5 | 22.45 [.884] | 20.32 [.800] | 8 | 9 | 5-146280-9 |
| △5 | 19.91 [.784] | 17.78 [.700] | 7 | 8 | 5-146280-8 |
| △5 | 17.37 [.684] | 15.24 [.600] | 6 | 7 | 5-146280-7 |
| △5 | 14.83 [.584] | 12.70 [.500] | 5 | 6 | 5-146280-6 |
| △5 | 12.29 [.484] | 10.16 [.400] | 4 | 5 | 5-146280-5 |
| △5 | 9.75 [.384] | 7.62 [.300] | 3 | 4 | 5-146280-4 |
| △5 | 7.21 [.284] | 5.08 [.200] | 2 | 3 | 5-146280-3 |
| △5 | 4.67 [.184] | 2.54 [.100] | 1 | 2 | 5-146280-2 |
| △5 | 2.13 [.084] | – [–] | 0 | 1 | 5-146280-1 |

| PLATING | C | B | A | NO. OF POSITIONS | PART NUMBER |
|---|---|---|---|---|---|
| △5 | 7.21 [.284] | 5.08 [.200] | 2 | 3 | 5-146280-3 |
| △3 | 101.19 [3.984] | 99.06 [3.900] | 39 | 40 | 4-146280-0 |
| △3 | 98.65 [3.884] | 96.52 [3.800] | 38 | 39 | △6 ~~3-146280-9~~ |
| △3 | 96.11 [3.784] | 93.98 [3.700] | 37 | 38 | △6 ~~3-146280-8~~ |
| △3 | 93.57 [3.684] | 91.44 [3.600] | 36 | 37 | △6 ~~3-146280-7~~ |
| △3 | 91.03 [3.584] | 88.90 [3.500] | 35 | 36 | △6 ~~3-146280-6~~ |
| △3 | 88.49 [3.484] | 86.36 [3.400] | 34 | 35 | △6 ~~3-146280-5~~ |
| △3 | 85.95 [3.384] | 83.82 [3.300] | 33 | 34 | △6 ~~3-146280-4~~ |
| △3 | 83.41 [3.284] | 81.28 [3.200] | 32 | 33 | △6 ~~3-146280-3~~ |
| △3 | 80.87 [3.184] | 78.74 [3.100] | 31 | 32 | △6 ~~3-146280-2~~ |
| △3 | 78.33 [3.084] | 76.20 [3.000] | 30 | 31 | △6 ~~3-146280-1~~ |
| △3 | 75.79 [2.984] | 73.66 [2.900] | 29 | 30 | △6 ~~3-146280-0~~ |
| △3 | 73.25 [2.884] | 71.12 [2.800] | 28 | 29 | △6 ~~2-146280-9~~ |
| △3 | 70.71 [2.784] | 68.58 [2.700] | 27 | 28 | △6 ~~2-146280-8~~ |
| △3 | 68.17 [2.684] | 66.04 [2.600] | 26 | 27 | △6 ~~2-146280-7~~ |
| △3 | 65.63 [2.584] | 63.5 [2.500] | 25 | 26 | △6 ~~2-146280-6~~ |
| △3 | 63.09 [2.484] | 60.96 [2.400] | 24 | 25 | △6 ~~2-146280-5~~ |
| △3 | 60.55 [2.384] | 58.42 [2.300] | 23 | 24 | △6 ~~2-146280-4~~ |
| △3 | 58.01 [2.284] | 55.88 [2.200] | 22 | 23 | △6 ~~2-146280-3~~ |
| △3 | 55.47 [2.184] | 53.34 [2.100] | 21 | 22 | △6 ~~2-146280-2~~ |
| △3 | 52.93 [2.084] | 50.80 [2.000] | 20 | 21 | △6 ~~2-146280-1~~ |
| △3 | 50.39 [1.984] | 48.26 [1.900] | 19 | 20 | △6 ~~2-146280-0~~ |
| △3 | 47.85 [1.884] | 45.72 [1.800] | 18 | 19 | △6 ~~1-146280-9~~ |
| △3 | 45.31 [1.784] | 43.18 [1.700] | 17 | 18 | △6 ~~1-146280-8~~ |
| △3 | 42.77 [1.684] | 40.64 [1.600] | 16 | 17 | △6 ~~1-146280-7~~ |
| △3 | 40.23 [1.584] | 38.10 [1.500] | 15 | 16 | △6 ~~1-146280-6~~ |
| △3 | 37.69 [1.484] | 35.56 [1.400] | 14 | 15 | △6 ~~1-146280-5~~ |
| △3 | 35.15 [1.384] | 33.02 [1.300] | 13 | 14 | △6 ~~1-146280-4~~ |
| △3 | 32.61 [1.284] | 30.48 [1.200] | 12 | 13 | △6 ~~1-146280-3~~ |
| △3 | 30.07 [1.184] | 27.94 [1.100] | 11 | 12 | △6 ~~1-146280-2~~ |
| △3 | 27.53 [1.084] | 25.40 [1.000] | 10 | 11 | 1-146280-1 |
| △3 | 24.99 [.984] | 22.86 [.900] | 9 | 10 | △6 ~~1-146280-0~~ |
| △3 | 22.45 [.884] | 20.32 [.800] | 8 | 9 | △6 ~~146280-9~~ |
| △3 | 19.91 [.784] | 17.78 [.700] | 7 | 8 | 146280-8 |
| △3 | 17.37 [.684] | 15.24 [.600] | 6 | 7 | △6 ~~146280-7~~ |
| △3 | 14.83 [.584] | 12.70 [.500] | 5 | 6 | △6 ~~146280-6~~ |
| △3 | 12.29 [.484] | 10.16 [.400] | 4 | 5 | △6 ~~146280-5~~ |
| △3 | 9.75 [.384] | 7.62 [.300] | 3 | 4 | △6 ~~146280-4~~ |
| △3 | 7.21 [.284] | 5.08 [.200] | 2 | 3 | △6 ~~146280-3~~ |
| △3 | 4.67 [.184] | 2.54 [.100] | 1 | 2 | 146280-2 |
| △3 | 2.13 [.084] | – [–] | 0 | 1 | △6 ~~146280-1~~ |

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 6/12/95
CHK G. DUBNICZKI 3/18/96
APVD G. DUBNICZKI 3/18/96

PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –

TE Connectivity

NAME HDR ASSY, MOD II, BREAKWAY, SINGLE ROW, HIGH TEM, VERTICAL W/.025 SQ POSTS, .100 ℄

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-146280 | – |

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV H1

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity:

146280-2