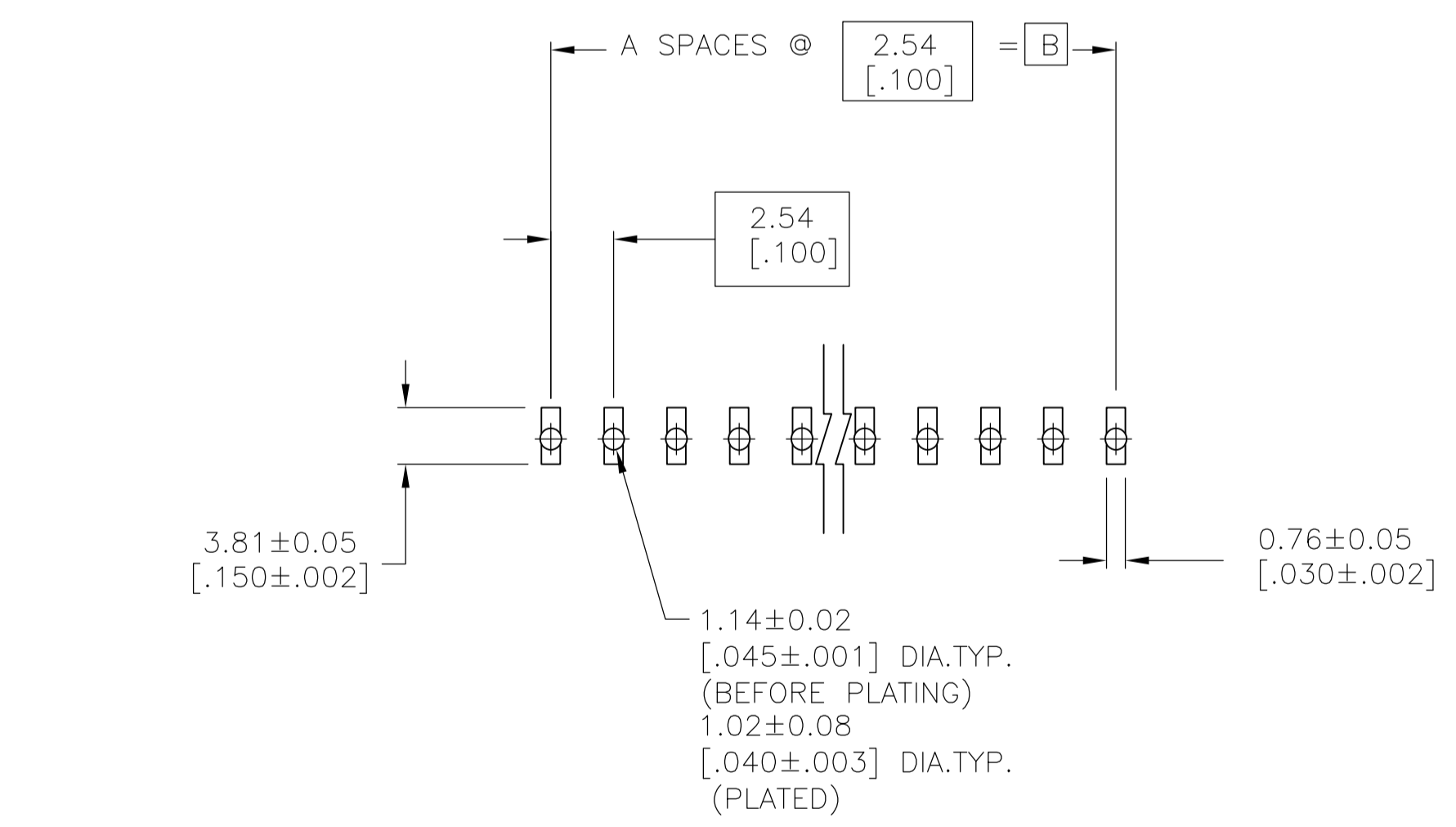
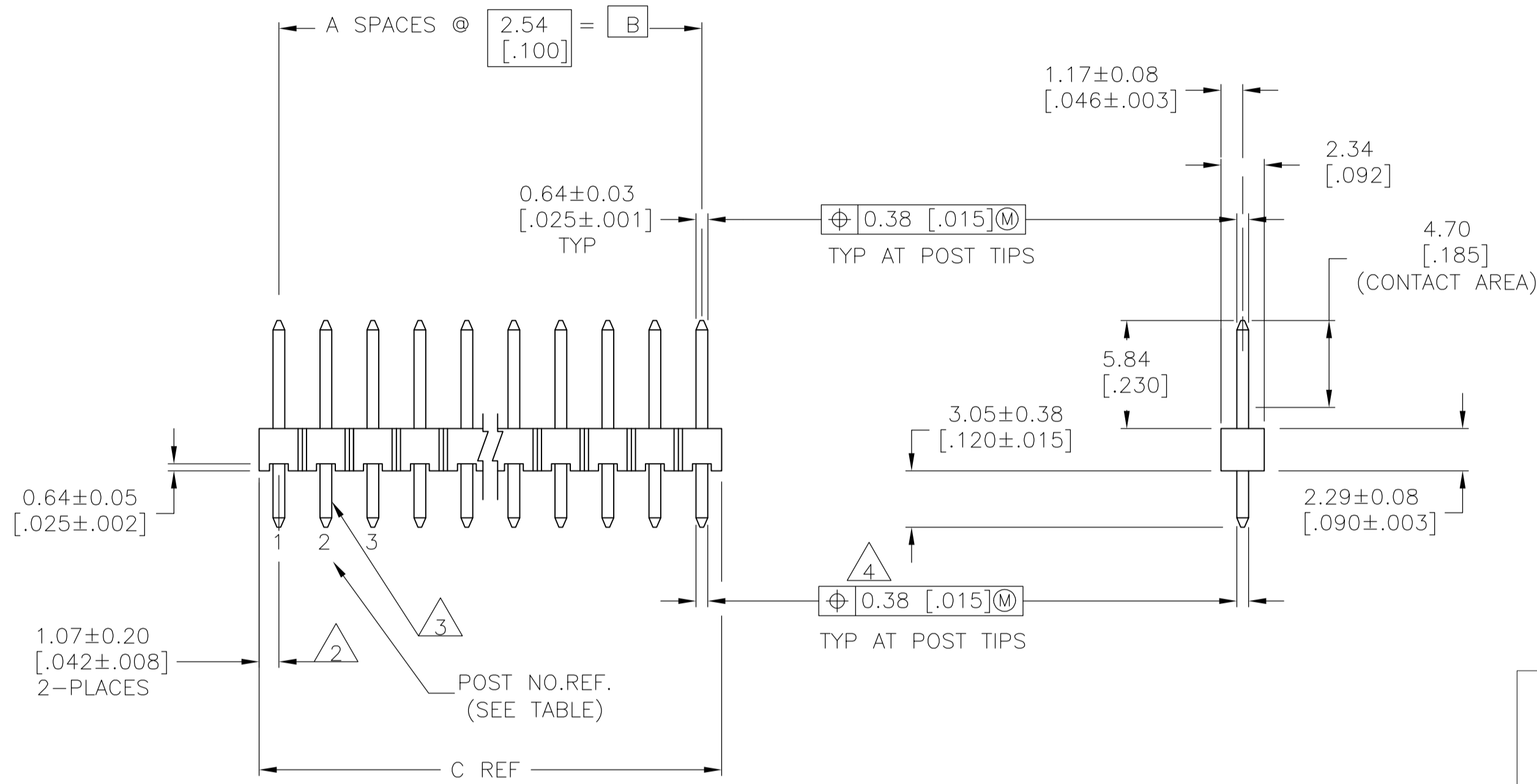


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| LOC | | DIST | | REVISIONS | | | |
|-----|----|------|-----|---------------------------|-----------|----|------|
| AD | 00 | P | LTR | DESCRIPTION | DATE | DN | APVD |
| | | J | | REVISED PER ECO-14-000255 | 14JUL2014 | NK | MM |

1. TRUE POSITION TOLERANCE OF THE POST TIPS APPLIES WHEN THE HEADERS ARE HELD FLAT AGAINST THE PRINTED CIRCUIT BOARD.
2. THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND THE HOUSING.
3. RETENTION FEATURES ON SOLDER TAILS, LOCATED AT MANUFACTURERS OPTION.
4. $\varnothing .020 \text{ (M)}$ FOR KINKED TAILS
5. 0.000762 [.000030] GOLD IN CONTACT AREA, 0.00254-0.00504 [.000100-.000200] MATTE TIN-LEAD ON SOLDER TAIL, ALL OVER 0.00127 [.000050] NICKEL.
6. HOUSING: LCP, COLOR-BLACK. POSTS: COPPER ALLOY.
7. 0.000762 [.000030] GOLD IN CONTACT AREA, 0.00254-0.00504 [.000100-.000200] MATTE TIN ON SOLDER TAIL, ALL OVER 0.00127 [.000050] NICKEL.
8. 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.

| | | | | | |
|---------|----------------|---------------|----|------------------|-------------|
| 7 | 101.19 [3.984] | 99.06 [3.900] | 39 | 40 | 9-146293-0 |
| 7 | 98.65 [3.884] | 96.52 [3.800] | 38 | 39 | 8-146293-9 |
| 7 | 96.11 [3.784] | 93.98 [3.700] | 37 | 38 | 8-146293-8 |
| 7 | 93.57 [3.684] | 91.44 [3.600] | 36 | 37 | 8-146293-7 |
| 7 | 91.03 [3.584] | 88.90 [3.500] | 35 | 36 | 8-146293-6 |
| 7 | 88.49 [3.484] | 86.36 [3.400] | 34 | 35 | 8-146293-5 |
| 7 | 85.95 [3.384] | 83.82 [3.300] | 33 | 34 | 8-146293-4 |
| 7 | 83.41 [3.284] | 81.28 [3.200] | 32 | 33 | 8-146293-3 |
| 7 | 80.87 [3.184] | 78.74 [3.100] | 31 | 32 | 8-146293-2 |
| 7 | 78.33 [3.084] | 76.20 [3.000] | 30 | 31 | 8-146293-1 |
| 7 | 75.79 [2.984] | 73.66 [2.900] | 29 | 30 | 8-146293-0 |
| 7 | 73.25 [2.884] | 71.12 [2.800] | 28 | 29 | 7-146293-9 |
| 7 | 70.71 [2.784] | 68.58 [2.700] | 27 | 28 | 7-146293-8 |
| 7 | 68.17 [2.684] | 66.04 [2.600] | 26 | 27 | 7-146293-7 |
| 7 | 65.63 [2.584] | 63.5 [2.500] | 25 | 26 | 7-146293-6 |
| 7 | 63.09 [2.484] | 60.96 [2.400] | 24 | 25 | 7-146293-5 |
| 7 | 60.55 [2.384] | 58.42 [2.300] | 23 | 24 | 7-146293-4 |
| 7 | 58.01 [2.284] | 55.88 [2.200] | 22 | 23 | 7-146293-3 |
| 7 | 55.47 [2.184] | 53.34 [2.100] | 21 | 22 | 7-146293-2 |
| 7 | 52.93 [2.084] | 50.80 [2.000] | 20 | 21 | 7-146293-1 |
| 7 | 50.39 [1.984] | 48.26 [1.900] | 19 | 20 | 7-146293-0 |
| 7 | 47.85 [1.884] | 45.72 [1.800] | 18 | 19 | 6-146293-9 |
| 7 | 45.31 [1.784] | 43.18 [1.700] | 17 | 18 | 6-146293-8 |
| 7 | 42.77 [1.684] | 40.64 [1.600] | 16 | 17 | 6-146293-7 |
| 7 | 40.23 [1.584] | 38.10 [1.500] | 15 | 16 | 6-146293-6 |
| 7 | 37.69 [1.484] | 35.56 [1.400] | 14 | 15 | 6-146293-5 |
| 7 | 35.15 [1.384] | 33.02 [1.300] | 13 | 14 | 6-146293-4 |
| 7 | 32.61 [1.284] | 30.48 [1.200] | 12 | 13 | 6-146293-3 |
| 7 | 30.07 [1.184] | 27.94 [1.100] | 11 | 12 | 6-146293-2 |
| 7 | 27.53 [1.084] | 25.40 [1.000] | 10 | 11 | 6-146293-1 |
| 7 | 24.99 [.984] | 22.86 [.900] | 9 | 10 | 6-146293-0 |
| 7 | 22.45 [.884] | 20.32 [.800] | 8 | 9 | 5-146293-9 |
| 7 | 19.91 [.784] | 17.78 [.700] | 7 | 8 | 5-146293-8 |
| 7 | 17.37 [.684] | 15.24 [.600] | 6 | 7 | 5-146293-7 |
| 7 | 14.83 [.584] | 12.70 [.500] | 5 | 6 | 5-146293-6 |
| 7 | 12.29 [.484] | 10.16 [.400] | 4 | 5 | 5-146293-5 |
| 7 | 9.75 [.384] | 7.62 [.300] | 3 | 4 | 5-146293-4 |
| 7 | 7.21 [.284] | 5.08 [.200] | 2 | 3 | 5-146293-3 |
| PLATING | C | B | A | NO. OF POSITIONS | PART NUMBER |

| | | | | | |
|---------|----------------|---------------|----|------------------|-------------|
| 5 | 101.19 [3.984] | 99.06 [3.900] | 39 | 40 | 4-146293-0 |
| 5 | 98.65 [3.884] | 96.52 [3.800] | 38 | 39 | 3-146293-9 |
| 5 | 96.11 [3.784] | 93.98 [3.700] | 37 | 38 | 3-146293-8 |
| 5 | 93.57 [3.684] | 91.44 [3.600] | 36 | 37 | 3-146293-7 |
| 5 | 91.03 [3.584] | 88.90 [3.500] | 35 | 36 | 3-146293-6 |
| 5 | 88.49 [3.484] | 86.36 [3.400] | 34 | 35 | 3-146293-5 |
| 5 | 85.95 [3.384] | 83.82 [3.300] | 33 | 34 | 3-146293-4 |
| 5 | 83.41 [3.284] | 81.28 [3.200] | 32 | 33 | 3-146293-3 |
| 5 | 80.87 [3.184] | 78.74 [3.100] | 31 | 32 | 3-146293-2 |
| 5 | 78.33 [3.084] | 76.20 [3.000] | 30 | 31 | 3-146293-1 |
| 5 | 75.79 [2.984] | 73.66 [2.900] | 29 | 30 | 3-146293-0 |
| 5 | 73.25 [2.884] | 71.12 [2.800] | 28 | 29 | 2-146293-9 |
| 5 | 70.71 [2.784] | 68.58 [2.700] | 27 | 28 | 2-146293-8 |
| 5 | 68.17 [2.684] | 66.04 [2.600] | 26 | 27 | 2-146293-7 |
| 5 | 65.63 [2.584] | 63.5 [2.500] | 25 | 26 | 2-146293-6 |
| 5 | 63.09 [2.484] | 60.96 [2.400] | 24 | 25 | 2-146293-5 |
| 5 | 60.55 [2.384] | 58.42 [2.300] | 23 | 24 | 2-146293-4 |
| 5 | 58.01 [2.284] | 55.88 [2.200] | 22 | 23 | 2-146293-3 |
| 5 | 55.47 [2.184] | 53.34 [2.100] | 21 | 22 | 2-146293-2 |
| 5 | 52.93 [2.084] | 50.80 [2.000] | 20 | 21 | 2-146293-1 |
| 5 | 50.39 [1.984] | 48.26 [1.900] | 19 | 20 | 2-146293-0 |
| 5 | 47.85 [1.884] | 45.72 [1.800] | 18 | 19 | 1-146293-9 |
| 5 | 45.31 [1.784] | 43.18 [1.700] | 17 | 18 | 1-146293-8 |
| 5 | 42.77 [1.684] | 40.64 [1.600] | 16 | 17 | 1-146293-7 |
| 5 | 40.23 [1.584] | 38.10 [1.500] | 15 | 16 | 1-146293-6 |
| 5 | 37.69 [1.484] | 35.56 [1.400] | 14 | 15 | 1-146293-5 |
| 5 | 35.15 [1.384] | 33.02 [1.300] | 13 | 14 | 1-146293-4 |
| 5 | 32.61 [1.284] | 30.48 [1.200] | 12 | 13 | 1-146293-3 |
| 5 | 30.07 [1.184] | 27.94 [1.100] | 11 | 12 | 1-146293-2 |
| 5 | 27.53 [1.084] | 25.40 [1.000] | 10 | 11 | 1-146293-1 |
| 5 | 24.99 [.984] | 22.86 [.900] | 9 | 10 | 1-146293-0 |
| 5 | 22.45 [.884] | 20.32 [.800] | 8 | 9 | 146293-9 |
| 5 | 19.91 [.784] | 17.78 [.700] | 7 | 8 | 146293-8 |
| 5 | 17.37 [.684] | 15.24 [.600] | 6 | 7 | 146293-7 |
| 5 | 14.83 [.584] | 12.70 [.500] | 5 | 6 | 146293-6 |
| 5 | 12.29 [.484] | 10.16 [.400] | 4 | 5 | 146293-5 |
| 5 | 9.75 [.384] | 7.62 [.300] | 3 | 4 | 146293-4 |
| 5 | 7.21 [.284] | 5.08 [.200] | 2 | 3 | 146293-3 |
| 5 | 4.67 [.184] | 2.54 [.100] | 1 | 2 | 146293-2 |
| 5 | 2.13 [.084] | - | 0 | 1 | 146293-1 |
| PLATING | C | B | A | NO. OF POSITIONS | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONS: mm [INCHES]. TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±, 1 PLC ±, 2 PLC ±, 3 PLC ±, 4 PLC ±, ANGLES ±. MATERIAL: 6. FINISH: SEE TABLE. WEIGHT: -. SIZE: A1. CUSTOMER DRAWING. SCALE: 4:1. SHEET: 1 of 1. REV: J.

STE TE Connectivity. NAME: HEADER ASSEMBLY, MOD II, BREAKAWAY, SINGLE ROW. HIGH TEMPERATURE, VERTICAL WITH RETENTION FEATURE, W/.025 SQ. POSTS, .100 C/L. DRAWING NO: 00779. PART NO: 146293.

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[5-146293-3](#)