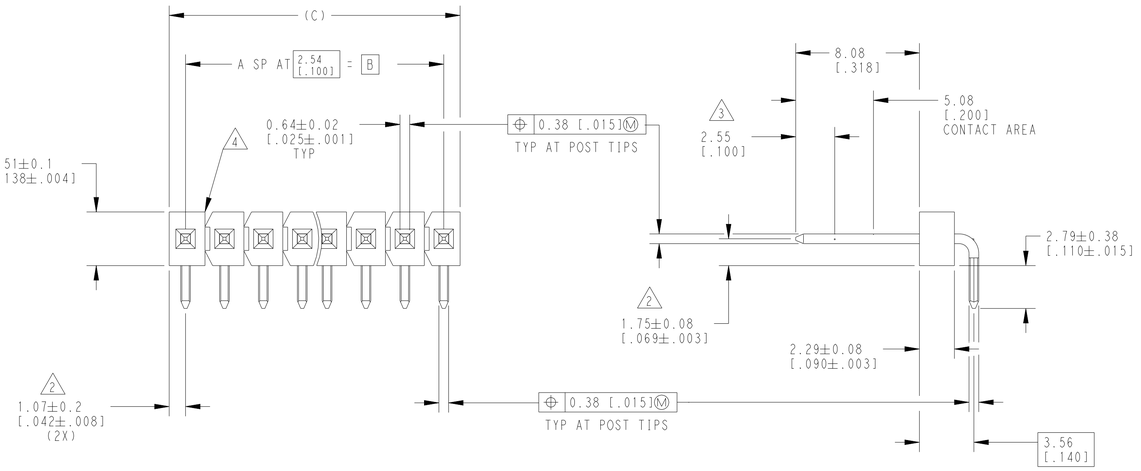
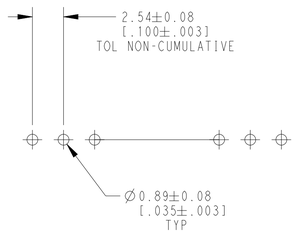
| REVISIONS | | | | | |
|---|---|---|---|---|---|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | H8 | REVICED PER ECN-22-165641 | 21JUL2022 | RK | MF |
| | J | PLATING PLATING OPTIMIZATION (Au TO PdNi+Au FLASH) | 26AUG2025 | RS | GVP |
| | | | | | |
| | | | | | |




RECOMMENDED HOLE LAYOUT

1 ASSEMBLY MAY BE BROKEN TO THE DESIRED NUMBER OF POSITIONS.

2 THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND HOUSING

3 POINT OF MEASUREMENT FOR PLATING THICKNESS

4 BREAKAWAY NOTCH ANGLE CAN BE ORIENTED TO THE RIGHT (AS SHOWN) OR TO THE LEFT

5 FINISH: POSTS- 0.000381[.000015] GOLD ON CONTACT AREA, 0.00254-0.00508[.000100-.000200] MATTE TIN-LEAD ON SOLDER TAIL, ALL OVER 0.00127[.000050] NICKEL

6 FINISH: POSTS- 0.00028 [.000011] PdNi+0.00010[.000004] Au FLASH ON CONTACT AREA, 0.00254-0.000508[.000100-.000200] MATTE TIN ON SOLDER TAIL, ALL OVER 0.00127[.000050] NICKEL

7 HIGH TEMPERATURE CONFIGURATION

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

| REMARKS | PLATING | C | B | A | NO OF POSN | PART NUMBER |
|---|---|---|---|---|---|---|
| 7 | 6 | 101.19[3.984] | 99.06[3.900] | 39 | 40 | 9-102974-0 |
| 7 | 6 | 98.65[3.884] | 96.52[3.800] | 38 | 39 | 8-102974-9 |
| 7 | 6 | 96.11[3.784] | 93.98[3.700] | 37 | 38 | 8-102974-8 |
| 7 | 6 | 93.57[3.684] | 91.44[3.600] | 36 | 37 | 8-102974-7 |
| 7 | 6 | 91.03[3.584] | 88.90[3.500] | 35 | 36 | 8-102974-6 |
| 7 | 6 | 88.49[3.484] | 86.36[3.400] | 34 | 35 | 8-102974-5 |
| 7 | 6 | 85.95[3.384] | 83.82[3.300] | 33 | 34 | 8-102974-4 |
| 7 | 6 | 83.41[3.284] | 81.28[3.200] | 32 | 33 | 8-102974-3 |
| 7 | 6 | 80.87[3.184] | 78.74[3.100] | 31 | 32 | 8-102974-2 |
| 7 | 6 | 78.33[3.084] | 76.20[3.000] | 30 | 31 | 8-102974-1 |
| 7 | 6 | 75.79[2.984] | 73.66[2.900 | 29 | 30 | 8-102974-0 |
| 7 | 6 | 73.25[2.884] | 71.12[2.800] | 28 | 29 | 7-102974-9 |
| 7 | 6 | 70.71[2.784] | 68.58[2.700] | 27 | 28 | 7-102974-8 |
| 7 | 6 | 68.17[2.684] | 66.04[2.600] | 26 | 27 | 7-102974-7 |
| 7 | 6 | 65.63[2.584] | 63.50[2.500] | 25 | 26 | 7-102974-6 |
| 7 | 6 | 63.09[2.484] | 60.96[2.400] | 24 | 25 | 7-102974-5 |
| 7 | 6 | 60.55[2.384] | 58.42[2.300] | 23 | 24 | 7-102974-4 |
| 7 | 6 | 58.01[2.284] | 55.88[2.200] | 22 | 23 | 7-102974-3 |
| 7 | 6 | 55.47[2.184] | 53.34[2.100] | 21 | 22 | 7-102974-2 |
| 7 | 6 | 52.93[2.084] | 50.80[2.000] | 20 | 21 | 7-102974-1 |
| 7 | 6 | 50.39[1.984] | 48.26[1.900] | 19 | 20 | 7-102974-0 |
| 7 | 6 | 47.85[1.884] | 45.72[1.800] | 18 | 19 | 6-102974-9 |
| 7 | 6 | 45.31[1.784] | 43.18[1.700] | 17 | 18 | 6-102974-8 |
| 7 | 6 | 42.77[1.684] | 40.64[1.600] | 16 | 17 | 6-102974-7 |
| 7 | 6 | 40.23[1.584] | 38.10[1.500] | 15 | 16 | 6-102974-6 |
| 7 | 6 | 37.69[1.484] | 35.56[1.400] | 14 | 15 | 6-102974-5 |
| 7 | 6 | 35.15[1.384] | 33.02[1.300] | 13 | 14 | 6-102974-4 |
| 7 | 6 | 32.61[1.284] | 30.48[1.200] | 12 | 13 | 6-102974-3 |
| 7 | 6 | 30.07[1.184] | 27.94[1.100] | 11 | 12 | 6-102974-2 |
| 7 | 6 | 27.53[1.084] | 25.40[1.000] | 10 | 11 | 6-102974-1 |
| 7 | 6 | 24.99[ .984] | 22.86[ .900] | 9 | 10 | 6-102974-0 |
| 7 | 6 | 22.45[ .884] | 20.32[ .800] | 8 | 9 | 5-102974-9 |
| 7 | 6 | 19.91[ .784] | 17.78[ .700] | 7 | 8 | 5-102974-8 |
| 7 | 6 | 17.37[ .684] | 15.24[ .600] | 6 | 7 | 5-102974-7 |
| 7 | 6 | 14.83[ .584] | 12.70[ .500] | 5 | 6 | 5-102974-6 |
| 7 | 6 | 12.29[ .484] | 10.16[ .400] | 4 | 5 | 5-102974-5 |
| 7 | 6 | 9.75[ .384] | 7.62[ .300] | 3 | 4 | 5-102974-4 |
| 7 | 6 | 7.21[ .284] | 5.08[ .200] | 2 | 3 | 5-102974-3 |
| 7 | 6 | 4.67[ .184] | 2.54[ .100] | 1 | 2 | 5-102974-2 |
| 7 | 6 | 2.13[ .084] | — | — | 1 | 5-102974-1 |

| | PLATING | C | B | A | NO OF POSN | PART NUMBER |
|---|---|---|---|---|---|---|
| SUPERSEDED | 5 | 101.19[3.984] | 99.06[3.900] | 39 | 40 | ~~4-102974-0~~ |
| OBSOLETE 8 | 5 | 98.65[3.884] | 96.52[3.800] | 38 | 39 | ~~3-102974-9~~ |
| | 5 | 96.11[3.784] | 93.98[3.700] | 37 | 38 | ~~3-102974-8~~ |
| | 5 | 93.57[3.684] | 91.44[3.600] | 36 | 37 | ~~3-102974-7~~ |
| | 5 | 91.03[3.584] | 88.90[3.500] | 35 | 36 | ~~3-102974-6~~ |
| | 5 | 88.49[3.484] | 86.36[3.400] | 34 | 35 | ~~3-102974-5~~ |
| | 5 | 85.95[3.384] | 83.82[3.300] | 33 | 34 | ~~3-102974-4~~ |
| | 5 | 83.41[3.284] | 81.28[3.200] | 32 | 33 | ~~3-102974-3~~ |
| | 5 | 80.87[3.184] | 78.74[3.100] | 31 | 32 | ~~3-102974-2~~ |
| | 5 | 78.33[3.084] | 76.20[3.000] | 30 | 31 | ~~3-102974-1~~ |
| | 5 | 75.79[2.984] | 73.66[2.900 | 29 | 30 | ~~3-102974-0~~ |
| | 5 | 73.25[2.884] | 71.12[2.800] | 28 | 29 | ~~2-102974-9~~ |
| | 5 | 70.71[2.784] | 68.58[2.700] | 27 | 28 | ~~2-102974-8~~ |
| | 5 | 68.17[2.684] | 66.04[2.600] | 26 | 27 | ~~2-102974-7~~ |
| | 5 | 65.63[2.584] | 63.50[2.500] | 25 | 26 | ~~2-102974-6~~ |
| | 5 | 63.09[2.484] | 60.96[2.400] | 24 | 25 | ~~2-102974-5~~ |
| | 5 | 60.55[2.384] | 58.42[2.300] | 23 | 24 | ~~2-102974-4~~ |
| | 5 | 58.01[2.284] | 55.88[2.200] | 22 | 23 | ~~2-102974-3~~ |
| | 5 | 55.47[2.184] | 53.34[2.100] | 21 | 22 | ~~2-102974-2~~ |
| | 5 | 52.93[2.084] | 50.80[2.000] | 20 | 21 | ~~2-102974-1~~ |
| | 5 | 50.39[1.984] | 48.26[1.900] | 19 | 20 | ~~2-102974-0~~ |
| | 5 | 47.85[1.884] | 45.72[1.800] | 18 | 19 | ~~1-102974-9~~ |
| | 5 | 45.31[1.784] | 43.18[1.700] | 17 | 18 | ~~1-102974-8~~ |
| | 5 | 42.77[1.684] | 40.64[1.600] | 16 | 17 | ~~1-102974-7~~ |
| SUP BY 6-102974-6 | 5 | 40.23[1.584] | 38.10[1.500] | 15 | 16 | ~~1-102974-6~~ |
| | 5 | 37.69[1.484] | 35.56[1.400] | 14 | 15 | ~~1-102974-5~~ |
| OBSOLETE 8 | 5 | 35.15[1.384] | 33.02[1.300] | 13 | 14 | ~~1-102974-4~~ |
| | 5 | 32.61[1.284] | 30.48[1.200] | 12 | 13 | ~~1-102974-3~~ |
| SUP BY 6-102974-2 | 5 | 30.07[1.184] | 27.94[1.100] | 11 | 12 | ~~1-102974-2~~ |
| OBSOLETE 8 | 5 | 27.53[1.084] | 25.40[1.000] | 10 | 11 | ~~1-102974-1~~ |
| SUPERSEDED | 5 | 24.99[ .984] | 22.86[ .900] | 9 | 10 | ~~1-102974-0~~ |
| | 5 | 22.45[ .884] | 20.32[ .800] | 8 | 9 | ~~102974-9~~ |
| OBSOLETE 8 | 5 | 19.91[ .784] | 17.78[ .700] | 7 | 8 | ~~102974-8~~ |
| SUP BY 5-102974-7 8 | 5 | 17.37[ .684] | 15.24[ .600] | 6 | 7 | ~~102974-7~~ |
| SUPERSEDED | 5 | 14.83[ .584] | 12.70[ .500] | 5 | 6 | ~~102974-6~~ |
| OBSOLETE 8 | 5 | 12.29[ .484] | 10.16[ .400] | 4 | 5 | ~~102974-5~~ |
| SUPERSEDED | 5 | 9.75[ .384] | 7.62[ .300] | 3 | 4 | ~~102974-4~~ |
| SUP BY 5-102974-3 8 | 5 | 7.21[ .284] | 5.08[ .200] | 2 | 3 | ~~102974-3~~ |
| SUPERSEDED | 5 | 4.67[ .184] | 2.54[ .100] | 1 | 2 | ~~102974-2~~ |
| OBSOLETE 8 | 5 | 2.13[ .084] | — | — | 1 | ~~102974-1~~ |

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 HOUSING: FLAME RETARDANT THERMOPLASTIC; COLOR: BLACK. POSTS: COPPER ALLOY

FINISH: SEE TABLE

| | |
|---|---|
| DWN H MOLL | 150CT87 |
| CHK T CLARK | 200CT87 |
| APVD T CLARK | 200CT87 |
| PRODUCT SPEC - | |
| APPLICATION SPEC - | |
| WEIGHT - | |

TE Connectivity

NAME: HEADER ASSY, MOD II, BREAKAWAY, SINGLE ROW, .100 RIGHT ANGLE, W/ .025 SQ POSTS

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-102974 | - |

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