

1471-9 (3/11)

| LOC DIST REVISIONS             |           |     |      |
|--------------------------------|-----------|-----|------|
|                                |           |     |      |
|                                | DATE      | DWN | APVD |
| M REVISED PER ECO-14-000066 30 | 30JUN2014 | NK  | MМ   |

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146218

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TRUE POSITION TOLERANCE OF THE POSTS TIPS APPLIES WHEN THE HEADER IS HELD FLAT AGAINST THE PRINTED CIRCUIT BOARD.

- THE NOTED DIMENSION APPLIES AT THE INTERSECTION OF THE POST AND HOUSING.
- FINISH: 0.000127 [.000005] GOLD ON CONTACT AREA, 0.00254-0.00508 [.000100-.000200] MATTE TIN-LEAD ON SOLDER TAIL ALL OVER 0.00127 [.000050] NICKEL.
- FINISH: 0.000127 [.000005] GOLD ON CONTACT AREA, 0.00254-0.00508 [.000100-.000200] MATTE TIN ON SOLDER TAIL ALL OVER 0.00127 [.000050] NICKEL.
- HIGH TEMPERATURE CONFIGURATION
- OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

| THIS DRAWING IS A CO                                  | ONTROLLED DOCUMENT.                       | DWN 3/6/9<br>T. HOFFMAN   |   |
|---|---|---------------------------|---|
|   | 1   | CHK 3/15/9<br>G.DUBNICZKI | TE Connectivity                         |
| DIMENSIONS:   | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |                           | 15 NAME                                 |
| mm [INCHES]   | official of contest.                      | G.DUBNICZKI               | HEADER ASSEMBLY, MOD II, BREAKAWAY,     |
|   | OPLC ± -                                  | PRODUCT SPEC              |   |
|   | 1 PLC $\pm$ -                             | _                         | SINGLE ROW, .100 C/L, VERTICAL,         |
|   | 2 PLC ± 0.13[.005]<br>3 PLC ± -           | APPLICATION SPEC          | .025 SQ. POSTS, SELECT LOAD             |
| Т   | 4 PLC $\pm$ -<br>ANGLES $\pm$ 0'30'       | _                         | SIZE CAGE CODE DRAWING NO RESTRICTED TO |
| MATERIAL  | FINISH                                    | WEIGHT                    | A2 00779 <b>C</b> =146218 -             |
| HOUSING, FLAME RETARDANT                              | SEE TABLE                                 |                           |   |
| THERMOPLASTIC,<br>COLOR: BLACK<br>POSTS: COPPER ALLOY | JEL TADLE                                 | CUSTOMER DRAWING          | SCALE 4:1 SHEET 1 OF 2 REV M            |

| THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION -, |             |           |                                    |  | LOC                                     | DIST               |                         |           | REVISION         | IS             |                                 |
|--|-------------|-----------|------------------------------------|--|---|--------------------|-------------------------|-----------|------------------|----------------|---------------------------------|
| C COPYRIGHT - By - ALL RIGHTS RESERVED.                  |             |           |                                    |  | A[                                      |                    | P LTR                   |           | DESCRIPTIO       |                | DATE DWN APVD                   |
|  |             |           |                                    |  |   |                    | — SE                    | E SHEET 1 |                  |                |                                 |
|  |             |           |                                    |  |   |                    |                         |           |                  |                |                                 |
|  |             |           |                                    |  |   |                    |                         |           |                  |                |                                 |
|  |             |           |                                    |  |   |                    |                         |           |                  |                |                                 |
|  |             |           |                                    |  |   |                    |                         |           |                  |                |                                 |
|  |             |           |                                    |  |   |                    |                         |           |                  |                |                                 |
|  |             |           | 3,5,9,13,15                        | 47.85  |   | 45.72 <sub>[</sub> | 1 0 0 0 ]               | 18        | 14               | 19             | 7-146218-6 /                    |
|  |             |           | 4,8,12,16,20,24                    |  | 1.884]                                  |                    | <u>1.800]</u><br>2.600] | 26        | 21               | 27             | 7-146218-5                      |
|  |             |           | 2,3,5,9,11,14,17,2                 |  | 1.484]                                  |                    | 2.400]                  | 24        | 16               | 25             | 7-146218-4                      |
|  | 5           | 4         | 2,9,11,14,17,20,                   |  |   | 58.42 [            |                         | 23        | 17               | 24             | X-146218-3                      |
|  | 5           |           | 5,7,15                             | 42.77 [  |   | 40.64 [            | 1.600]                  | 16        | 14               | 17             | 7-146218-2                      |
|  | 5           | 4         | 3,4,9,15                           | 42.77 [  |   | 40.64 [            | 1.600]                  | 16        | 13               | 17             | 7-14621/8-1                     |
|  | /5          | 4         | 3,4,6,9,13,15,1                    |  | 1.684]                                  | 40.64 [            | 1.600]                  | 16        | 10               | 17             | 7-146218-0                      |
| C  | OBSOLETE /5 | 4         | 2,6,9,11                           | 32.61 [<br>9.75  | 1.284]                                  | <u> </u>           | <u>1.200]</u>           | 12        | 9                | 13             | 6-146218-9<br>6-146218-8        |
|  | /5          |           | 4,8,12                             | 37.69  | [.384]                                  | 35.56 [            | <u>[.300]</u><br>1.400] | 14        | 12               | 15             | 6-146218-7                      |
|  |             |           | 2,5,8,10,14,16,1                   | L  | 2.284]                                  |                    | 2.200]                  | 22        | 16               | 23             | 6-146218-6                      |
|  |             |           | 2,5,8,10                           |  | 1.284]                                  | L                  | 1.200]                  | 12        | 9                | 13             | 6-146218-5                      |
|  |             |           | 2,4,6,10                           | 32.61  | 1.284]                                  |                    | 1.200]                  | 12        | 9                | 13             | 6-146218-4                      |
|  | 5           | 4         | 4,8,12,16                          | 47.85  | 1.884]                                  | 45.72 [            | 1.800]                  | 18        | 15               | 19             | 6-146218-3                      |
|  |             |           | 4,8                                |  |   |                    | 1.000]                  | 10        | 9                | 1 1            | 6-146218-2                      |
|  |             |           | 3,4,7,9,12,14                      |  | 1.684]                                  | 40.64 [            | 1.600]                  | 16        | 11               | 17             | 6-146218-1                      |
|  |             |           | <u> </u>                           |  |   |                    | <u>1.200]</u><br>2.600] | 12<br>26  | 9                | 13             | 6-146218-0                      |
|  |             |           | 2,9,11,17,20,22,                   |  |   | 71.12              |                         | 28        | 22               | 29             | 5-146218-8                      |
|  | OBSOLETE    |           |                                    |  | [.684]                                  | 15.24              | <u>600</u> ]            |           | 6                | 7              | 5-146218-7                      |
|  | 5           |           | 5,7,11,13,16,18,20                 | ),24 65.63 [   | 2.584]                                  | 63.50 [            |                         | 25        | 18               | 26             | 5-146218-6                      |
|  | 5           |           | 3,5,9,13,15                        | 42.77  |   | 40.64 [            |                         | 16        | 12               | 17             | 5-146218-5                      |
|  | 5           | 4         | 5,9,11                             | 32.61  |   | 30.48 [            |                         | 12        | 10               | 13             | 5-146218-4                      |
|  | 5           | \4        | 4,6                                |  | [.784]                                  |                    | [.700]                  | 7         | 6                | 8              | 5-146218-3                      |
|  |             |           | <u>3,4,6,9,13,15</u><br>3,4,6,9,15 | 42.77  |   | 40.64 [<br>40.64 [ |                         | 16        | 11               | 17             | <u>5-146218-2</u><br>5-146218-1 |
|  | /5          |           | 3,5,9,13,15                        | 47.85  |   | 45.72              |                         | 18        | 14               | 19             | 2-146218-6                      |
|  |             | 3         | 4,8,12,16,20,24                    |  |   | 66.04 [            |                         | 26        | 21               | 27             | 2-146218-5                      |
|  |             | 3         |                                    | 0,22 37.69 [   | 1.484]                                  | 60.96 [            |                         | 24        | 16               | 25             | 2-146218-4                      |
|  |             | 3         | 2,9,11,14,17,20,                   |  | 2.384]                                  | 58.42 [            |                         | 23        | 17               | 24             | 2-146218-3                      |
|  | OBSOLETE    | 3         | 5,7,15                             | 42.77 [  |   | 40.64 [            |                         |           | 14               | 17             | 2-146218-2                      |
|  |             | /3        | 3,4,9,15                           | 42.77  |   | 40.64 [            |                         | 16        | 13               | 17             | 2-146218-1                      |
|  |             | /3`       | <u>3,4,6,9,13,15,1</u><br>2,6,9,11 | 6 42.77 [<br>32.61 ]                                     |   | 40.64 [<br>30.48 [ |                         | 16<br>12  | 10               | 17             | 2-146218-0<br>1-146218-9        |
|  | 6           |           | 2,3                                |  | [.384]                                  |                    | <u> .200]</u><br>[.300] | .3        | 2                | 4              | 1-146218-8                      |
|  |             |           | 4,8,12                             | 37.69  |   |                    | 1.400]                  | 14        | 12               | 15             | 1-146218-7                      |
|  |             | 3         | 2,5,8,10,14,16,1                   |  |   | 55.88 [            |                         | 22        | 16               | 23             | 1-146218-6                      |
|  |             | 3         | 2,5,8,10                           | 32.61  | 1.284]                                  | 30.48 [            | 1.200]                  | 12        | 9                | 13             | /1-146218-5                     |
|  |             | 3         | 2,4,6,10                           | 32.61  |   | 30.48 [            |                         | 12        | 9                | 13             | 1-146218-4                      |
|  |             |           | 4,8,12,16                          | 47.85  |   | 45.72 [            |                         | 18        | 15               | 19             | / 1-146218-3 \                  |
|  |             |           | 4,8                                | 27.53<br>42.77   |   | 25.40 [<br>40.64 [ |                         | 10        | 9                | 11             | 1-146218-2                      |
|  |             |           | 3,5,8,10                           | 32.61  |   | 30.48 [            |                         | 10        | 9                | 13             | 1-146218-0                      |
|  | OBSOLETE    |           | 5,7,12,14,17,19,2                  |  |   | 66.04 [            |                         | 26        | 19               | 27             | 146218-9                        |
|  |             |           | 2,9,11,17,20,22,                   |  |   | 71.12              |                         | 28        | 22               | 29             | 146218-8                        |
|  |             | 3         | 4                                  | 17.37  | [.684]                                  | 15.24              | [.600]                  | 6         | 6                | 7              | 146218-7                        |
|  | SUPERSEDED  | 3         | 5,7,11,13,16,18,20                 |  |   | 63.50 [            |                         | 25        | 18               | 26             | 146218-6                        |
|  | <u> </u>    |           | 3,5,9,13,15                        | 42.77  |   | 40.64 [            |                         | 16        | 12               | 17             | 146218-5                        |
|  |             |           | <u>5,9,11</u><br>4,6               | 32.61 [  | <u>1.284</u><br>[.784]                  | <u> </u>           | <u>1.200</u><br>[.700]  | 12        | 10               | 13             | 146218-4<br>146248-3            |
| c  | OBSOLETE    |           | 3,4,6,9,13,15                      | 42.77  |   | 40.64 [            |                         | 16        | 1 1              | 17             | 146218-2                        |
|  |             |           | 3,4,6,9,15                         | 42.77  |   | 40.64              |                         | 16        | 12               | 17             | 146218-1                        |
|  |             |           | POST                               |  |   |                    |                         |           | NO. OF           | NO OF          | PART                            |
|  | REMA        | rks plati | NG OMITTED                         |  |   | В                  |                         | A         | ACTIVE<br>POSN   | POSN           | NUMBER                          |
|  |             |           |                                    |  |   | DWN                | z /                     | 6/95      | FUSIN            |                |                                 |
|  |             |           | THI                                | S DRAWING IS A CONTR                                     | ULLED DOCUMEN                           | NT. T. HOFF        | MAN                     | 5/95      | -                | TE             | TE Connectivity                 |
|  |             |           |                                    | DIMENSIONS:  | TOLERANCES UNLESS<br>THERWISE SPECIFIEI | G.DUBNI            | ICZKI                   |           |                  |                | ,                               |
|  |             |           |                                    | mm [INCHES]  |   | G.DUBNI            | ICZKI                   | 5/95 NAME | HEADER AS        | SSEMBLY. N     | MOD II, BREAKAWAY,              |
|  |             |           |                                    | 0 PL<br>1 PL   | C ± -                                   | PRODUCT SPE        |                         |           | SINGLE           | ROW, .100      | ) C/L, VERTICAL,                |
|  |             |           |                                    |  | с <u>±</u> -                            | APPLICATION        | SPEC                    |           |                  |                | , SELECT LOAD                   |
|  |             |           |                                    | T 4 PL<br>ANGL   | ES ± -                                  |                    |                         |           | CAGE CODE DRAWI  |                | RESTRICTED TO                   |
|  |             |           | MATE                               | RIAL FINIS<br>HOUSING, FLAME RETARDANT<br>THERMOPLASTIC, | SEE TABLE                               | WEIGHT             |                         | A2        | )0779 <b>C</b> = | <b>1</b> 46218 |                                 |
|  |             |           |                                    | COLOR: BLACK<br>POSTS: COPPER ALLOY                      | JLL IADLÉ                               | CUSTOM             | er drawin               | IG        |                  | scale<br>1     | :1 SHEET 2 OF 2 REV M           |
| 471-9 (3/11)   |             |           |                                    | I  |   |                    |                         |           |                  |                |                                 |

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## **Mouser Electronics**

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