



- 1 POINT OF MEASUREMENT FOR PLATING THICKNESS
- 2 ASSEMBLIES MAY BE BROKEN TO THE DESIRED NUMBER OF POSITIONS
- 3 TRUE POSITION TOLERANCE OF THE POST TIPS APPLIES WHEN THE HEADERS ARE HELD FLAT AGAINST THE PRINTED CIRCUIT BOARD
- 4 .000030 GOLD ON THE CONTACT AREA, .000100-.000200 MATTE TIN-LEAD ON THE SOLDER TAIL, ALL OVER .000050 NICKEL
- 5 BREAKAWAY NOTCH ANGLE CAN BE ORIENTED TO THE RIGHT (AS SHOWN) OR TO THE LEFT
- 6 .000030 GOLD ON THE CONTACT AREA, .000100-.000200 MATTE TIN ON THE SOLDER TAIL, ALL OVER .000050 NICKEL
- 7 HIGH TEMPERATURE CONFIGURATION

| 7 | 6 | C     | B     | A  | NO OF POS | ASSEMBLY PART NUMBER | REMARKS | PLATING | C     | B     | A  | NO OF POS | ASSEMBLY PART NUMBER |
|---|---|-------|-------|----|-----------|----------------------|---------|---------|-------|-------|----|-----------|----------------------|
| 7 | 6 | 3.984 | 3.900 | 39 | 80        | 9-103801-0           |         | 4       | 3.984 | 3.900 | 39 | 80        | 4-103801-0           |
| 7 | 6 | 3.884 | 3.800 | 38 | 78        | 8-103801-9           |         | 4       | 3.884 | 3.800 | 38 | 78        | 3-103801-9           |
| 7 | 6 | 3.784 | 3.700 | 37 | 76        | 8-103801-8           |         | 4       | 3.784 | 3.700 | 37 | 76        | 3-103801-8           |
| 7 | 6 | 3.684 | 3.600 | 36 | 74        | 8-103801-7           |         | 4       | 3.684 | 3.600 | 36 | 74        | 3-103801-7           |
| 7 | 6 | 3.584 | 3.500 | 35 | 72        | 8-103801-6           |         | 4       | 3.584 | 3.500 | 35 | 72        | 3-103801-6           |
| 7 | 6 | 3.484 | 3.400 | 34 | 70        | 8-103801-5           |         | 4       | 3.484 | 3.400 | 34 | 70        | 3-103801-5           |
| 7 | 6 | 3.284 | 3.300 | 33 | 68        | 8-103801-4           |         | 4       | 3.284 | 3.300 | 33 | 68        | 3-103801-4           |
| 7 | 6 | 3.284 | 3.200 | 32 | 66        | 8-103801-3           |         | 4       | 3.284 | 3.200 | 32 | 66        | 3-103801-3           |
| 7 | 6 | 3.184 | 3.100 | 31 | 64        | 8-103801-2           |         | 4       | 3.184 | 3.100 | 31 | 64        | 3-103801-2           |
| 7 | 6 | 3.084 | 3.000 | 30 | 62        | 8-103801-1           |         | 4       | 3.084 | 3.000 | 30 | 62        | 3-103801-1           |
| 7 | 6 | 2.984 | 2.900 | 29 | 60        | 3-103801-0           |         | 4       | 2.984 | 2.900 | 29 | 60        | 3-103801-0           |
| 7 | 6 | 2.884 | 2.800 | 28 | 58        | 7-103801-9           |         | 4       | 2.884 | 2.800 | 28 | 58        | 2-103801-9           |
| 7 | 6 | 2.784 | 2.700 | 27 | 56        | 7-103801-8           |         | 4       | 2.784 | 2.700 | 27 | 56        | 2-103801-8           |
| 7 | 6 | 2.684 | 2.600 | 26 | 54        | 7-103801-7           |         | 4       | 2.684 | 2.600 | 26 | 54        | 2-103801-7           |
| 7 | 6 | 2.584 | 2.500 | 25 | 52        | 7-103801-6           |         | 4       | 2.584 | 2.500 | 25 | 52        | 2-103801-6           |
| 7 | 6 | 2.484 | 2.400 | 24 | 50        | 7-103801-5           |         | 4       | 2.484 | 2.400 | 24 | 50        | 2-103801-5           |
| 7 | 6 | 2.384 | 2.300 | 23 | 48        | 7-103801-4           |         | 4       | 2.384 | 2.300 | 23 | 48        | 2-103801-4           |
| 7 | 6 | 2.284 | 2.200 | 22 | 46        | 7-103801-3           |         | 4       | 2.284 | 2.200 | 22 | 46        | 2-103801-3           |
| 7 | 6 | 2.184 | 2.100 | 21 | 44        | 7-103801-2           |         | 4       | 2.184 | 2.100 | 21 | 44        | 2-103801-2           |
| 7 | 6 | 2.084 | 2.000 | 20 | 42        | 7-103801-1           |         | 4       | 2.084 | 2.000 | 20 | 42        | 2-103801-1           |
| 7 | 6 | 1.984 | 1.900 | 19 | 40        | 7-103801-0           |         | 4       | 1.984 | 1.900 | 19 | 40        | 2-103801-0           |
| 7 | 6 | 1.884 | 1.800 | 18 | 38        | 6-103801-9           |         | 4       | 1.884 | 1.800 | 18 | 38        | 1-103801-9           |
| 7 | 6 | 1.784 | 1.700 | 17 | 36        | 6-103801-8           |         | 4       | 1.784 | 1.700 | 17 | 36        | 1-103801-8           |
| 7 | 6 | 1.684 | 1.600 | 16 | 34        | 6-103801-7           |         | 4       | 1.684 | 1.600 | 16 | 34        | 1-103801-7           |
| 7 | 6 | 1.584 | 1.500 | 15 | 32        | 6-103801-6           |         | 4       | 1.584 | 1.500 | 15 | 32        | 1-103801-6           |
| 7 | 6 | 1.484 | 1.400 | 14 | 30        | 6-103801-5           |         | 4       | 1.484 | 1.400 | 14 | 30        | 1-103801-5           |
| 7 | 6 | 1.384 | 1.300 | 13 | 28        | 6-103801-4           |         | 4       | 1.384 | 1.300 | 13 | 28        | 1-103801-4           |
| 7 | 6 | 1.284 | 1.200 | 12 | 26        | 6-103801-3           |         | 4       | 1.284 | 1.200 | 12 | 26        | 1-103801-3           |
| 7 | 6 | 1.184 | 1.100 | 11 | 24        | 6-103801-2           |         | 4       | 1.184 | 1.100 | 11 | 24        | 1-103801-2           |
| 7 | 6 | 1.084 | 1.000 | 10 | 22        | 6-103801-1           |         | 4       | 1.084 | 1.000 | 10 | 22        | 1-103801-1           |
| 7 | 6 | .984  | .900  | 9  | 20        | 6-103801-0           |         | 4       | .984  | .900  | 9  | 20        | 1-103801-0           |
| 7 | 6 | .884  | .800  | 8  | 18        | 5-103801-9           |         | 4       | .884  | .800  | 8  | 18        | 103801-9             |
| 7 | 6 | .784  | .700  | 7  | 16        | 5-103801-8           |         | 4       | .784  | .700  | 7  | 16        | 103801-8             |
| 7 | 6 | .684  | .600  | 6  | 14        | 5-103801-7           |         | 4       | .684  | .600  | 6  | 14        | 103801-7             |
| 7 | 6 | .584  | .500  | 5  | 12        | 5-103801-6           |         | 4       | .584  | .500  | 5  | 12        | 103801-6             |
| 7 | 6 | .484  | .400  | 4  | 10        | 5-103801-5           |         | 4       | .484  | .400  | 4  | 10        | 103801-5             |
| 7 | 6 | .384  | .300  | 3  | 8         | 5-103801-4           |         | 4       | .384  | .300  | 3  | 8         | 103801-4             |
| 7 | 6 | .284  | .200  | 2  | 6         | 5-103801-3           |         | 4       | .284  | .200  | 2  | 6         | 103801-3             |
| 7 | 6 | .184  | .100  | 1  | 4         | 5-103801-2           |         | 4       | .184  | .100  | 1  | 4         | 103801-2             |
| 7 | 6 | .084  |       |    | 2         | 5-103801-1           |         | 4       | .084  |       |    | 2         | 103801-1             |

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ASSEMBLY, MOD II, HEADER, BREAKAWAY, DOUBLE ROW, RIGHT ANGLE, .100X.100 C/L, WITH .025 SQUARE POSTS

SIZE: A1  
 CAGE CODE: 00779  
 DRAWING NO: 103801

SCALE: 4:1  
 SHEET: 1 OF 1  
 REV: H1

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