



RECOMMENDED P.C. BOARD LAYOUT \triangle

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| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN R.K. SEIFRIED 06/19/90 | Tyco Electronics Corporation Harrisburg, PA 17105-3608 |
| DIMENSIONS: mm [NCHES] | | CHK G. SKIPPER 06/19/90 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD - | NAME HDI, 4 ROW, RECEPTACLE ASSEMBLY, 1 GUIDE PIN, 3 MOUNTING HOLES, 4.57[.180] LONG SOLDER TAILS, 0.00076[.000030] GOLD PLATE |
| 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± 0.13 [.005] 4 PLC ± - ANGLES ± - | | PRODUCT SPEC - | APPLICATION SPEC - |
| MATERIAL \triangle | | WEIGHT - | SIZE A1 |
| FINISH \triangle | | CUSTOMER DRAWING | SCALE 4:1 SHEET 1 OF 2 REV L |
| 0.00076 [0.000030] 0.00076 [0.000030] GOLD PLATE | | DRAWING NO 00779 | RESTRICTED TO - |

- ① HOUSING MATERIAL: THERMOPLASTIC, COLOR-NATURAL.
- ② CONTACT MATERIAL: COPPER ALLOY.
- ③ CONTACT FINISH: .00127-.00254 [.000050-.000100] NICKEL UNDERPLATE ALL OVER; .00076 [.000030] GOLD PLATE IN CONTACT AREA, TIN-LEAD PLATED SOLDER TAILS.
- ④ SOLDER TAILS MUST FIT HOLE PATTERN AS SHOWN ON THE RECOMMENDED P.C. BOARD LAYOUT.
- ⑤ QUANTITIES OF VOID CORING ARE DEPENDENT ON THE POSITION SIZE OF THE HOUSING.
- ⑥ PART NUMBER IS OBSOLETE.

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|---|-------------------|-------------------|----|-------------------|----|--------------------|--------------------|--------------------|------|-------------|
| ⑥ | — | — | — | — | — | — | — | — | — | 532920-9 |
| ⑥ | 164.46 [6.475] | 152.40 [6.000] | 60 | 152.40 [6.000] | 60 | 318.11 [12.524] | 328.93 [12.950] | 336.55 [13.250] | 488 | 532920-8 |
| ⑥ | 156.84 [6.175] | 144.78 [5.700] | 57 | 144.78 [5.700] | 57 | 302.87 [11.924] | 313.69 [12.350] | 321.31 [12.650] | 464 | 532920-7 |
| | 149.22 [5.875] | 137.16 [5.400] | 54 | 137.16 [5.400] | 54 | 287.63 [11.324] | 298.45 [11.750] | 306.07 [12.050] | 440 | 532920-6 |
| | 141.60 [5.575] | 129.54 [5.100] | 51 | 129.54 [5.100] | 51 | 272.39 [10.724] | 283.21 [11.150] | 290.83 [11.450] | 416 | 532920-5 |
| ⑥ | 133.98 [5.275] | 121.92 [4.800] | 48 | 121.92 [4.800] | 48 | 257.15 [10.124] | 267.97 [10.550] | 275.59 [10.850] | 392 | 532920-4 |
| ⑥ | 126.36 [4.975] | 114.30 [4.500] | 45 | 114.30 [4.500] | 45 | 241.91 [9.524] | 252.73 [9.950] | 260.35 [10.250] | 368 | 532920-3 |
| ⑥ | 118.74 [4.675] | 106.68 [4.200] | 42 | 106.68 [4.200] | 42 | 226.67 [8.924] | 237.49 [9.350] | 245.11 [9.650] | 344 | 532920-2 |
| ⑥ | 111.12 [4.375] | 99.06 [3.900] | 39 | 99.06 [3.900] | 39 | 211.43 [8.324] | 222.25 [8.750] | 229.87 [9.050] | 320 | 532920-1 |
| | K | G | F | E | D | C | B | A | POSN | PART NUMBER |

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|-------------|---|------------------------------|----------------------|
| DIMENSIONS: | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD | DATE |
| mm [INCHES] | 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± 0.13 [.005] 4 PLC ± - ANGLES ± - | R. K. SEIFRIED G. SKIPPER | 06/19/90 06/19/90 |
| MATERIAL | FINISH | WEIGHT | RESTRICTED TO |
| ① ② | ③ | — | — |

Tyco Electronics Corporation
 Harrisburg, PA 17105-3608
 NAME: HDI, 4 ROW, RECEPTACLE ASSEMBLY, 1 GUIDE PIN,
 3 MOUNTING HOLES, 4.57[.180] LONG SOLDER TAILS,
 0.00076[.000030] GOLD PLATE
 SIZE: A1 CAGE CODE: 00779 DRAWING NO: 532920
 WEIGHT: —
 CUSTOMER DRAWING SCALE: 4:1 SHEET 2 OF 2 REV L