



RECOMMENDED P.C. BOARD LAYOUT

| | | | | | |
|--|--|----------------------------|------------------|---|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DIN R.K. SEIFRIED 03/22/90 | Tyco Electronics | Tyco Electronics Corporation Harrisburg, PA 17105-3608 | |
| DIMENSIONS: mm [INCHES] | | CHK R.K. SEIFRIED 03/22/90 | | NAME | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD | PRODUCT SPEC | | |
| 0 PLC ± - | | APPLICATION SPEC | | | |
| 1 PLC ± - | | SIZE | | | |
| 2 PLC ± - | | CAGE CODE | | | |
| 3 PLC ± 0.13 [.005] | | DRAWING NO | | | |
| 4 PLC ± - | | RESTRICTED TO | | | |
| ANGLES ± - | | WEIGHT | | | |
| FINISH | | A1 00779 C=532447 | | CUSTOMER DRAWING | |
| | | SCALE 4:1 | | SHEET 1 OF 2 | |
| | | | | REV M2 | |

- ① HOUSING MATERIAL: THERMOPLASTIC, COLOR-BLACK.
- ② CONTACT MATERIAL: PHOSPHOR BRONZE.
- ③ CONTACT FINISH: .00127-.00254 [.000050-.000100] NICKEL UNDERPLATE ALL OVER; .00076 [.000030] GOLD PLATE IN CONTACT AREA, TIN-LEAD PLATED POSTS.
- ④ ACTION PIN POSTS REQUIRE 2.36 [.093] MIN THICK P.C. BOARD. RECOMMENDED P.C. BOARD HOLES ARE 1.151 [.0453] DIA PLATED THRU WITH 0.025-0.076 [.001-.003] COPPER, WITH 0.0076 [.0003] MIN TIN-LEAD PLATING; FINISHED HOLE AFTER PLATING 0.94-1.09 [.037-.043] DIA; AFTER RELOW 0.91-1.09 [.036-.043].
- 5. DIMENSIONS IN BRACKETS ARE IN INCHES.
- ⑥ HOUSINGS WITH CENTER MOUNTING IS RECOMMENDED FOR ASSEMBLIES HAVING 75 CONTACTS PER ROW OR MORE.
- ⑦ PART NUMBER IS OBSOLETE.

| | | | | | | | |
|----|-------------------|-----|--------------------|--------------------|--------------------|------|-------------|
| ⑦ | 81.28 [3.200] | -32 | 85.09 [3.350] | 95.25 [3.750] | 102.87 [4.050] | -99 | 2-532447-0 |
| ⑦ | X X | X | X | X | X | X | 1-532447-9 |
| ⑦ | X X | X | X | X | X | X | 1-532447-8 |
| ⑥⑦ | 251.46 [9.900] | -99 | 255.27 [10.050] | 265.43 [10.450] | 273.05 [10.750] | -300 | 1-532447-7 |
| ⑥⑦ | 238.76 [9.400] | -94 | 242.57 [9.550] | 252.73 [9.950] | 260.35 [10.250] | -285 | 1-532447-6 |
| ⑥⑦ | 226.06 [8.900] | -89 | 229.87 [9.050] | 240.03 [9.450] | 247.65 [9.750] | -270 | 1-532447-5 |
| ⑥⑦ | 213.36 [8.400] | -84 | 217.17 [8.550] | 227.33 [8.950] | 234.95 [9.250] | -255 | 1-532447-4 |
| ⑥⑦ | 200.66 [7.900] | -79 | 204.47 [8.050] | 214.63 [8.450] | 222.25 [8.750] | -240 | 1-532447-3 |
| | 187.96 [7.400] | 74 | 191.77 [7.550] | 201.93 [7.950] | 209.55 [8.250] | 225 | 1-532447-2 |
| | 175.26 [6.900] | 69 | 179.07 [7.050] | 189.23 [7.450] | 196.85 [7.750] | 210 | 1-532447-1 |
| | 162.56 [6.400] | 64 | 166.37 [6.550] | 176.53 [6.950] | 184.15 [7.250] | 195 | 1-532447-0 |
| | 149.86 [5.900] | 59 | 153.67 [6.050] | 163.83 [6.450] | 171.45 [6.750] | 180 | 532447-9 |
| | 137.16 [5.400] | 54 | 140.97 [5.550] | 151.13 [5.950] | 158.75 [6.250] | 165 | 532447-8 |
| | 124.46 [4.900] | 49 | 128.27 [5.050] | 138.43 [5.450] | 146.05 [5.750] | 150 | 532447-7 |
| ⑦ | 111.76 [4.400] | -44 | 115.57 [4.550] | 125.73 [4.950] | 133.35 [5.250] | +35 | 532447-6 |
| | 99.06 [3.900] | 39 | 102.87 [4.050] | 113.03 [4.450] | 120.65 [4.750] | 120 | 532447-5 |
| | 86.36 [3.400] | 34 | 90.17 [3.550] | 100.33 [3.950] | 107.95 [4.250] | 105 | 532447-4 |
| | 78.74 [3.100] | 31 | 82.55 [3.250] | 92.71 [3.650] | 100.33 [3.950] | 96 | 532447-3 |
| ⑦ | 73.66 [2.900] | -29 | 77.47 [3.050] | 87.63 [3.450] | 95.25 [3.750] | -90 | 532447-2 |
| | 60.96 [2.400] | 24 | 64.77 [2.550] | 74.93 [2.950] | 82.55 [3.250] | 75 | 532447-1 |
| | E | D | C | B | A | POSN | PART NUMBER |

| | | | | | |
|---|--|--|--|-------------------------------|--|
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| DIMENSIONS: mm [INCHES] | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | NAME | |
| 0 PLC ± - | | 1 PLC ± - | | HDI, 3 ROW, PIN ASSEMBLY, | |
| 2 PLC ± - | | 3 PLC ± 0.13 [.005] | | 6.35 [.250] LONG ACTION PINS, | |
| 4 PLC ± - | | ANGLES ± - | | .00076 [.000030] GOLD PLATE | |
| MATERIAL | | FINISH | | SIZE | |
| ①② | | ③ | | A1 | |
| | | | | CAGE CODE | |
| | | | | DRAWING NO | |
| | | | | 00779 | |
| | | | | DRAWING NO | |
| | | | | 532447 | |
| | | | | RESTRICTED TO | |
| | | | | - | |
| | | | | CUSTOMER DRAWING | |
| | | | | SCALE | |
| | | | | 4:1 | |
| | | | | SHEET | |
| | | | | 2 OF 2 | |
| | | | | REV | |
| | | | | M2 | |