



RECOMMENDED P.C. BOARD LAYOUT

|  |  |  |  |   |  |
|--|--|--|--|---|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.   |  | DIN J. POLIGNONE 03MAR05   |  | TE Connectivity   |  |
| DIMENSIONS: mm [INCHES]  |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:   |  |   |  |
| 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± 0.13 [.005]<br>4 PLC ± -<br>ANGLES ± α° 30° |  | 0.94-1.09 [.037-.043] DIA Δ<br>3.05 [.120] DIA (2 PLC)<br>2.54 [.100]<br>3.81 [.150]<br>5.08 [.200]<br>7.62 [.300] |  | NAME: ASSEMBLY, PIN, VERTICAL, HDI, LEAD-FREE<br>4 ROW, WITHOUT GUIDES<br>4.83[.190] SOLDER POSTS |  |
| MATERIAL 1/2   |  | FINISH 3   |  | SIZE: A1<br>CAGE CODE: 00779<br>DRAWING NO: 5532436<br>WEIGHT: -<br>CUSTOMER DRAWING              |  |
| SCALE: 4:1   |  |  |  | SHEET 1 OF 2  |  |
|  |  |  |  | REV: A2   |  |

- ① HOUSING MATERIAL: THERMOPLASTIC.
- ② CONTACT MATERIAL: COPPER ALLOY.
- ③ CONTACT FINISH: .00127-.00254 [.000050-.000100] NICKEL UNDERPLATE ALL OVER; .00076 [.000030] GOLD PLATE IN CONTACT AREA, TIN PLATED POSTS.
- ④ SOLDER PIN POST RECOMMENDED P.C. BOARD HOLE SIZES ARE 0.94-1.09 [.037-.043]; RECOMMENDED PAD DIA IS 1.52 [.060].
- ⑤ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

|            |                   |    |                   |                   |                   |      |             |
|------------|-------------------|----|-------------------|-------------------|-------------------|------|-------------|
| ⑤ OBSOLETE | 149.86<br>[5.900] | 59 | 153.67<br>[6.050] | 163.83<br>[6.450] | 171.45<br>[6.750] | 240  | 5532436-9   |
| ⑤ OBSOLETE | 137.16<br>[5.400] | 54 | 140.97<br>[5.550] | 151.13<br>[5.950] | 158.75<br>[6.250] | 220  | 5532436-8   |
|            | 124.46<br>[4.900] | 49 | 128.27<br>[5.050] | 138.43<br>[5.450] | 146.05<br>[5.750] | 200  | 5532436-7   |
|            | 111.76<br>[4.400] | 44 | 115.57<br>[4.550] | 125.73<br>[4.950] | 133.35<br>[5.250] | 180  | 5532436-6   |
|            | 99.06<br>[3.900]  | 39 | 102.87<br>[4.050] | 113.03<br>[4.450] | 120.65<br>[4.750] | 160  | 5532436-5   |
| ⑤ OBSOLETE | 86.36<br>[3.400]  | 34 | 90.17<br>[3.550]  | 100.33<br>[3.950] | 107.95<br>[4.250] | 140  | 5532436-4   |
|            | 78.74<br>[3.100]  | 31 | 82.55<br>[3.250]  | 92.71<br>[3.650]  | 100.33<br>[3.950] | 128  | 5532436-3   |
|            | 73.66<br>[2.900]  | 29 | 77.47<br>[3.050]  | 87.63<br>[3.450]  | 95.25<br>[3.750]  | 120  | 5532436-2   |
|            | 60.96<br>[2.400]  | 24 | 64.77<br>[2.550]  | 74.93<br>[2.950]  | 82.55<br>[3.250]  | 100  | 5532436-1   |
|            | E                 | D  | C                 | B                 | A                 | POSN | PART NUMBER |

|  |  |                  |         |  |  |
|--|--|------------------|---------|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DIN J. POLIGNONE | OSMAROS | <b>STE</b> TE Connectivity   |  |
| DIMENSIONS: mm [INCHES]                |  | CIK A. SHARPE    | OSMAROS |  |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | APVD A. SHARPE   | OSMAROS | NAME ASSEMBLY, PIN, VERTICAL, HDI, LEAD-FREE, 4 ROW, WITHOUT GUIDES, 4.83[.190] SOLDER POSTS |  |
| 0 PLC ± -                              |  | PRODUCT SPEC     |         | APPLICATION SPEC   |  |
| 1 PLC ± -                              |  | APPLICATION SPEC |         | SIZE   |  |
| 2 PLC ± -                              |  | WEIGHT           |         | CAGE CODE  |  |
| 3 PLC ± 0.13 [.005]                    |  | CUSTOMER DRAWING |         | DRAWING NO   |  |
| 4 PLC ± -                              |  | SCALE 4:1        |         | SHEET 2 OF 2   |  |
| ANGLES ± α° 30'                        |  | REV A2           |         | RESTRICTED TO  |  |
| MATERIAL                               |  | FINISH           |         | A1 00779 5532436   |  |