

| 4 | 2 | DESCRIPTION   | 15.24<br>[.600] | 2.79 [.110]<br>DIMPLE | #4-40 UNC<br>TAPPED                    | 9.52<br>[.375] | 3-212810-0 |
|---|---|---|-----------------|-----------------------|--|----------------|------------|
| 4 | 2 | SELECT (19) B,C,D,E,F,H,K,P,R,S,T<br>U,V,W,X,Y,AA,BB,NN                         | -               | -                     | -                                      | -              | 2-212810-9 |
| 4 | 2 | SELECT (27) A,B,C,D,E,F,H,J,K,L,M,<br>N,P,R,S,T,U,V,W,X,Y,Z,AA,BB,JJ,LL,NN      | -               | -                     | -                                      | -              | 2-212810-8 |
| 4 | 2 | SELECT (27) A,B,C,D,E,F,H,J,P,R,S,T,<br>U,V,W,X,Y,AA,BB,CC,DD,FF,HH,JJ,KK,LL,NN | 14.10<br>[.555] | 2.79 [.110]<br>DIMPLE | 3.05 [.120] X 4.32 [.170]<br>ELONGATED | 8.38<br>[.330] | 2-212810-7 |
| 4 | 2 | FULLY (34)  | 14.10<br>[.555] | 2.79 [.110]<br>DIMPLE | 3.05 [.120] X 4.32 [.170]<br>ELONGATED | 8.38<br>[.330] | 2-212810-6 |
| 4 | 2 | SELECT (25) A,B,C,D,E,F,H,J,K,L,M,<br>N,P,R,S,T,U,V,W,X,Y,Z,AA,BB,NN            | -               | -                     | -                                      | -              | 2-212810-5 |
| 4 | 2 | SELECT (14) B,C,D,E,F,H,P,R,S,T,V,<br>X,Y,AA                                    | 14.10<br>[.555] | 2.79 [.110]<br>DIMPLE | 3.05 [.120] X 4.32 [.170]<br>ELONGATED | 8.38<br>[.330] | 2-212810-4 |
| 4 | 2 | SELECT (16) A,B,C,D,E,F,H,J,P,R,S,<br>T,V,X,Y,AA                                | 14.10<br>[.555] | 2.79 [.110]<br>DIMPLE | 3.30 [.130] DIA                        | 8.38<br>[.330] | 2-212810-3 |
| 4 | 2 | SELECT (19) B,C,D,E,F,H,L,M,N,P,R,<br>S,T,U,V,W,X,Y & AA                        | 15.24<br>[.600] | 2.79 [.110]<br>DIMPLE | #4-40 UNC<br>TAPPED                    | 9.52<br>[.375] | 2-212810-2 |
|   | 2 | FULLY (34)  | 14.10<br>[.555] | 3.30 [.130]<br>HOLE   | 3.05 [.120] DIA                        | 8.38<br>[.330] | 2-212810-1 |
|   | 2 | FULLY (34)  | 14.10<br>[.555] | 2.79 [.110]<br>DIMPLE | 3.05 [.120] X 4.32 [.170]<br>ELONGATED | 8.38<br>[.330] | 2-212810-0 |
| 4 | 3 | FULLY (34)  | 15.24<br>[.600] | 2.79 [.110]<br>DIMPLE | #4-40 UNC<br>TAPPED                    | 9.52<br>[.375] | 1-212810-8 |
| 4 | 3 | SELECT (19) B,C,D,E,F,H,K,P,R,S,T<br>U,V,W,X,Y,AA,BB,NN                         | -               | -                     | -                                      | -              | 1-212810-7 |
| 4 | 3 | SELECT (27) A,B,C,D,E,F,H,J,K,L,M,<br>N,P,R,S,T,U,V,W,X,Y,Z,AA,BB,JJ,LL,NN      | -               | -                     | -                                      | -              | 1-212810-6 |
| 4 | 3 | SELECT (27) A,B,C,D,E,F,H,J,P,R,S,T,<br>U,V,W,X,Y,AA,BB,CC,DD,FF,HH,JJ,KK,LL,NN | 14.10<br>[.555] | 2.79 [.110]<br>DIMPLE | 3.05 [.120] X 4.32 [.170]<br>ELONGATED | 8.38<br>[.330] | 1-212810-5 |
| 4 | 3 | FULLY (34)  | 14.10<br>[.555] | 2.79 [.110]<br>DIMPLE | 3.05 [.120] X 4.32 [.170]<br>ELONGATED | 8.38<br>[.330] | 1-212810-4 |
| 4 | 3 | SELECT (25) A,B,C,D,E,F,H,J,K,L,M,<br>N,P,R,S,T,U,V,W,X,Y,Z,AA,BB,NN            | -               | -                     | -                                      | -              | 1-212810-3 |
|   | 3 | SELECT (24) A,B,C,D,E,F,H,J,K,L,M,<br>N,P,R,S,T,U,V,W,X,Y,AA,BB,NN              | -               | -                     | -                                      | -              | 1-212810-2 |
| 4 | 3 | SELECT (14) B,C,D,E,F,H,P,R,S,T,V,<br>X,Y,AA                                    | 14.10<br>[.555] | 2.79 [.110]<br>DIMPLE | 3.05 [.120] X 4.32 [.170]<br>ELONGATED | 8.38<br>[.330] | 1-212810-1 |
|   | 3 | SELECT (17) A,B,C,D,E,F,H,P,R,S,T,<br>U,V,W,X,Y,AA                              | 14.10<br>[.555] | 2.79 [.110]<br>DIMPLE | 3.05 [.120] X 4.32 [.170]<br>ELONGATED | 8.38<br>[.330] | 1-212810-0 |
|   | 3 | SELECT (18) A,B,C,D,E,F,H,J,P,R,S,<br>T,U,V,W,X,Y,AA                            | 14.10<br>[.555] | 3.30 [.130]<br>HOLE   | 3.05 [.120] DIA                        | 8.38<br>[.330] | 212810-9   |
| 4 | 3 | SELECT (16) A,B,C,D,E,F,H,J,P,R,S,<br>T,V,X,Y,AA                                | 14.10<br>[.555] | 2.79 [.110]<br>DIMPLE | 3.30 [.130] DIA                        | 8.38<br>[.330] | 212810-8   |
|   | 3 | SELECT (18) B,C,D,E,F,L,N,P,R,S,T,<br>V,X,Y,AA,HH,KK,NN                         | 14.10<br>[.555] | 2.79 [.110]<br>DIMPLE | 3.05 [.120] X 4.32 [.170]<br>ELONGATED | 8.38<br>[.330] | 212810-7   |
|   | 3 | SELECT (19) B,C,D,E,F,H,L,M,N,P,R,<br>S,T,U,V,W,X,Y & AA                        | -               | -                     | -                                      | -              | 212810-6   |
| 4 | 3 | SELECT (19) B,C,D,E,F,H,L,M,N,P,R,<br>S,T,U,V,W,X,Y & AA                        | 15.24<br>[.600] | 2.79 [.110]<br>DIMPLE | #4-40 UNC<br>TAPPED                    | 9.52<br>[.375] | 212810-5   |
|   | 3 | SELECT (19) B,C,D,E,F,H,L,M,N,P,R,<br>S,T,U,V,W,X,Y & AA                        | 14.10<br>[.555] | 2.79 [.110]<br>DIMPLE | 3.05 [.120] X 4.32 [.170]<br>ELONGATED | 8.38<br>[.330] | 212810-4   |
| 4 | 3 | SUPERSEDED BY<br>2-212810-1   | 14.10<br>[.555] | 3.30 [.130]<br>HOLE   | 3.05 [.120] DIA                        | 8.38<br>[.330] | 212810-3   |
|   | 3 | FULLY (34)  | 14.10<br>[.555] | 2.79 [.110]<br>DIMPLE | 3.05 [.120] X 4.32 [.170]<br>ELONGATED | 8.38<br>[.330] | 212810-2   |
|   | 3 | -   | -               | -                     | -                                      | -              | 212810-1   |

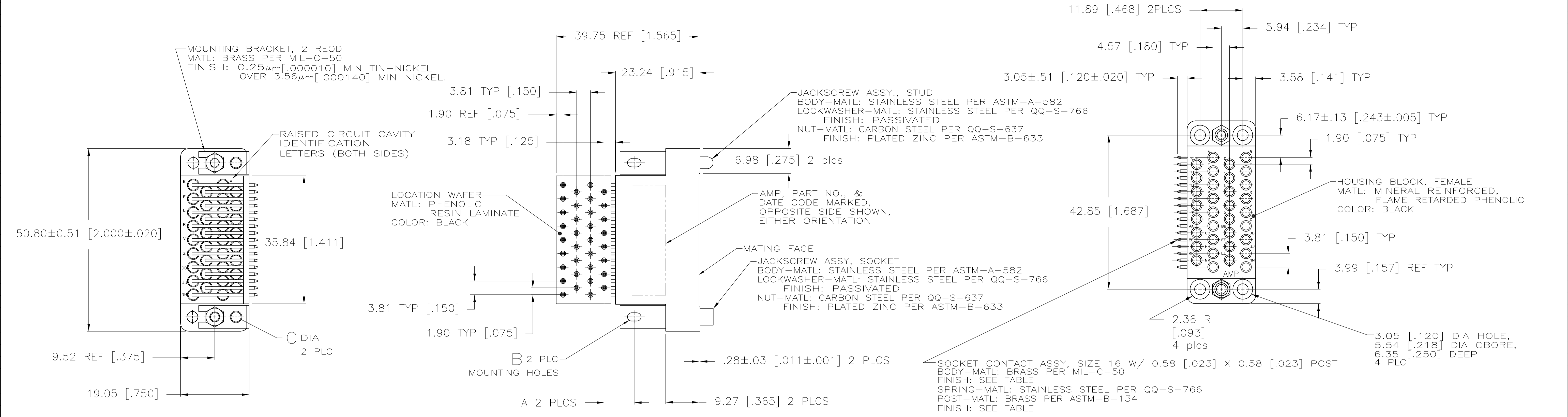
1 LETTERS ARE SHOWN ON PC BOARD LAYOUT FOR HOLE LOCATION PURPOSES ONLY.

2 CONTACT BODY: PLATED GOLD 0.76um [.000030] THK PER MIL-G-45204 FOR A LENGTH OF 5.08 [.200] MIN FROM MATING END OF CONTACT WITH POINT OF MEASUREMENT (SIDE 90° TO SEAM) 2.54 [.100] FROM MATING END OF CONTACT: 2.54um [.000100] MIN TIN PER MIL-T-10727 IN WIRE BARREL AREA, BOTH OVER NICKEL 1.27um [.000050] THK PER QQ-N-290. CONTACT POST: PLATED MATTE TIN PER MIL-T-10727 OVER NICKEL 1.27um [.000050] THK QQ-N-290.

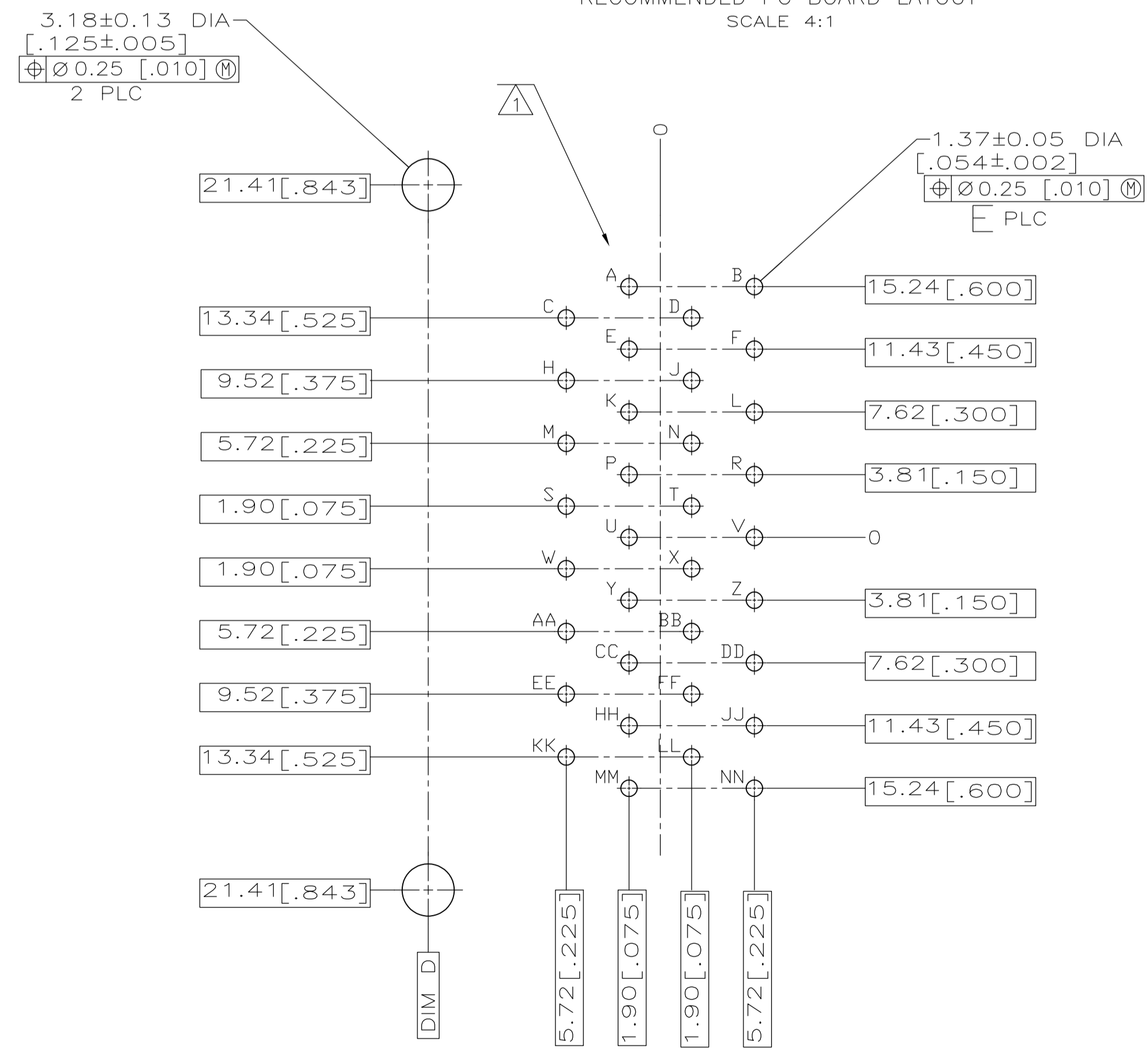
3 CONTACT BODY: PLATED GOLD 0.76um [.000030] THK PER MIL-G-45204 FOR A LENGTH OF 5.08 [.200] MIN FROM MATING END OF CONTACT WITH POINT OF MEASUREMENT (SIDE 90° TO SEAM) 2.54 [.100] FROM MATING END OF CONTACT: 2.54um [.000100] MIN TIN-LEAD PER MIL-T-10727 IN WIRE BARREL AREA, BOTH OVER NICKEL 1.27um [.000050] THK PER QQ-N-290. CONTACT POST: PLATED MATTE TIN-LEAD PER MIL-T-10727 OVER NICKEL 1.27um [.000050] THK QQ-N-290.

4 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

|  |  |   |  |  |  |                       |  |   |  |   |  |             |
|--|--|---|--|--|--|-----------------------|--|---|--|---|--|-------------|
| CONTACT FINISH                         |  | E |  | D                                      |  | C                     |  | B   |  | A |  | PART NUMBER |
| CIRCUIT CAVITIES LOADED                |  |   |  |  |  |                       |  |   |  |   |  |             |
| MOUNTING BRACKET INFORMATION           |  |   |  |  |  |                       |  |   |  |   |  |             |
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  |   |  | DIN V. FURLER 04JUN2003                |  | STE                   |  | TE Connectivity                                 |  |   |  |             |
| DIMENSIONS: mm [INCHES]                |  |   |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | G. STEINHAUER 04JUN03 |  | NAME  |  |   |  |             |
| 0 PLC ± -                              |  |   |  | 1 PLC ± -                              |  | G. STEINHAUER 04JUN03 |  | PRODUCT SPEC                                    |  |   |  |             |
| 2 PLC ± 0.25 [010]                     |  |   |  | 3 PLC ± -                              |  | G. STEINHAUER 04JUN03 |  | APPLICATION SPEC                                |  |   |  |             |
| 4 PLC ± -                              |  |   |  | ANGLES ± -                             |  | G. STEINHAUER 04JUN03 |  | SIZE CASE CODE DRAWING NO                       |  |   |  |             |
| MATERIAL -                             |  |   |  | FINISH SEE TABLE                       |  | G. STEINHAUER 04JUN03 |  | WEIGHT -  |  |   |  |             |
|  |  |   |  |  |  | G. STEINHAUER 04JUN03 |  | A1 00779 212810                                 |  |   |  |             |
|  |  |   |  |  |  | G. STEINHAUER 04JUN03 |  | CUSTOMER DRAWING SCALE 1:1 SHEET 1 OF 2 REV AS2 |  |   |  |             |



RECOMMENDED PC BOARD LAYOUT  
 SCALE 4:1



|  |                  |                            |  |
|--|------------------|----------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                  | DIN V. FURLER 04JUN03      | <br>TE Connectivity  |
| DIMENSIONS: mm [INCHES]                |                  | CHK G. STEINHAUER 04JUN03  |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |                  | APVD G. STEINHAUER 04JUN03 | NAME   |
| 0 PLC ± -                              | 1 PLC ± -        | PRODUCT SPEC               | CONNECTOR ASSEMBLY, SOCKET, 34 POSITION, RIGHT ANGLE, M SERIES |
| 2 PLC ± 0.25 [.010]                    | 3 PLC ± -        | APPLICATION SPEC           |  |
| 4 PLC ± -                              | ANGLES ± -       | SIZE                       | CAGE CODE  |
| MATERIAL -                             | FINISH SEE TABLE | WEIGHT -                   | DRAWING NO. A1 00779   |
| CUSTOMER DRAWING                       |                  | SCALE 1:1                  | SHEET 2 OF 2   |