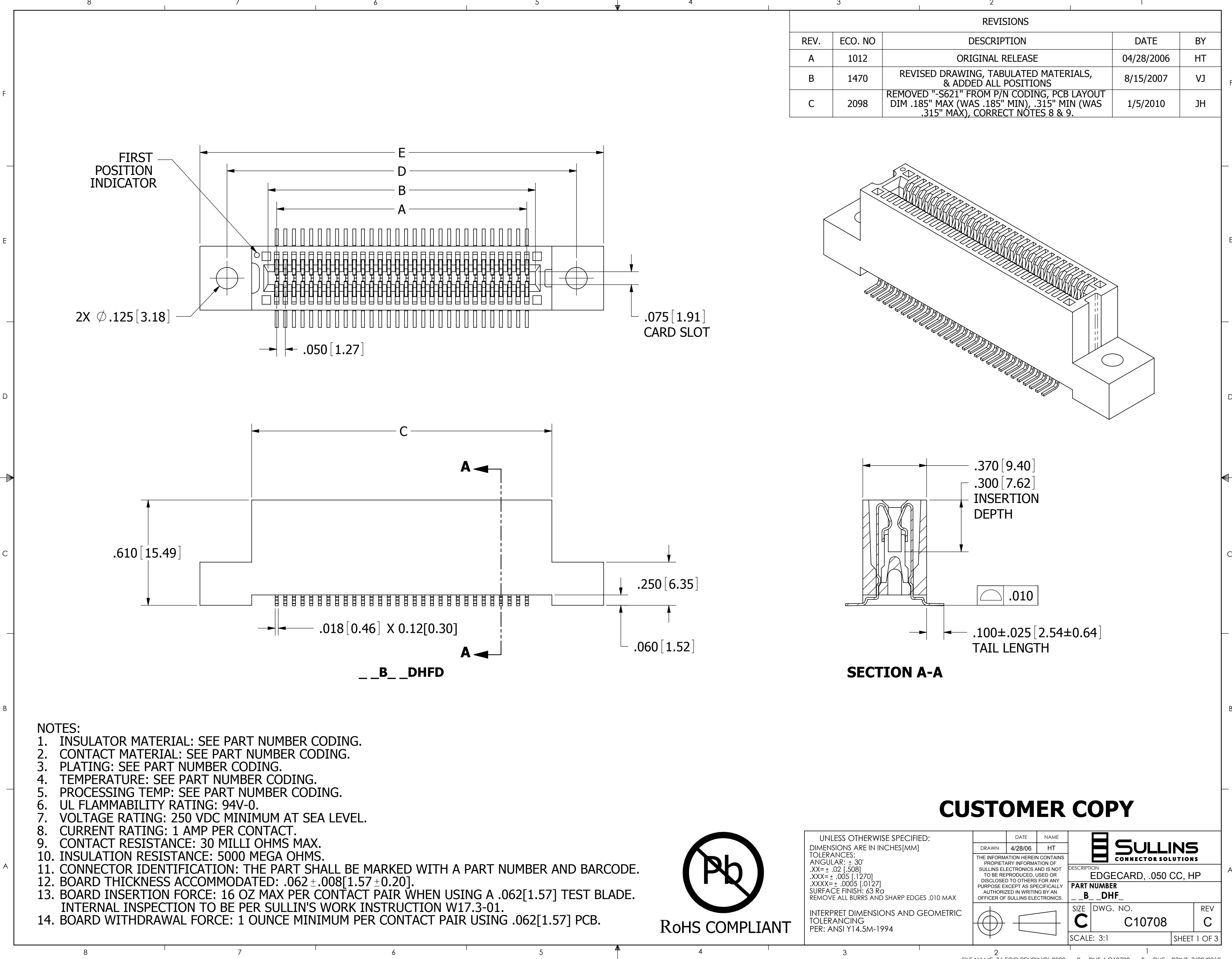
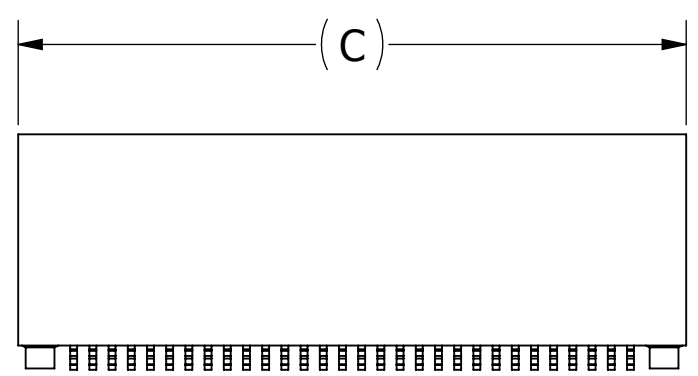
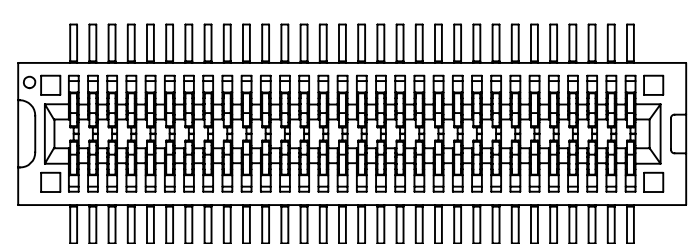
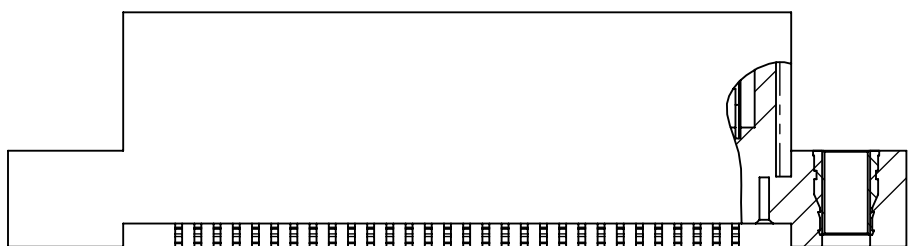
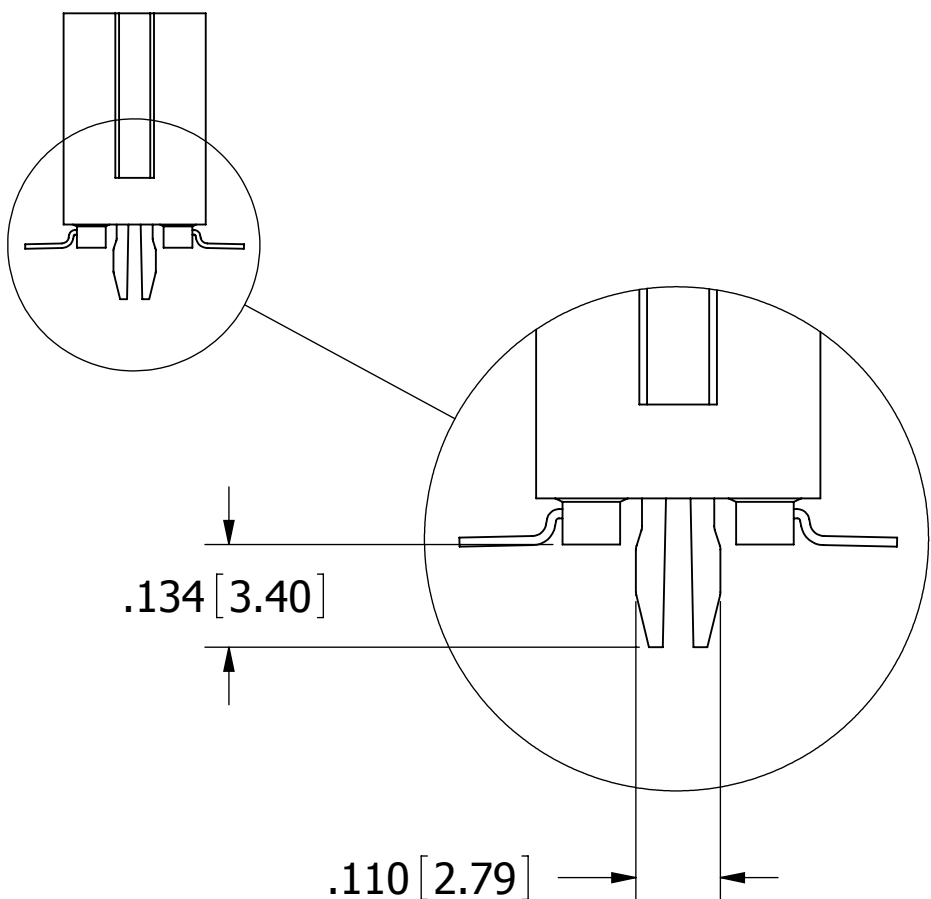
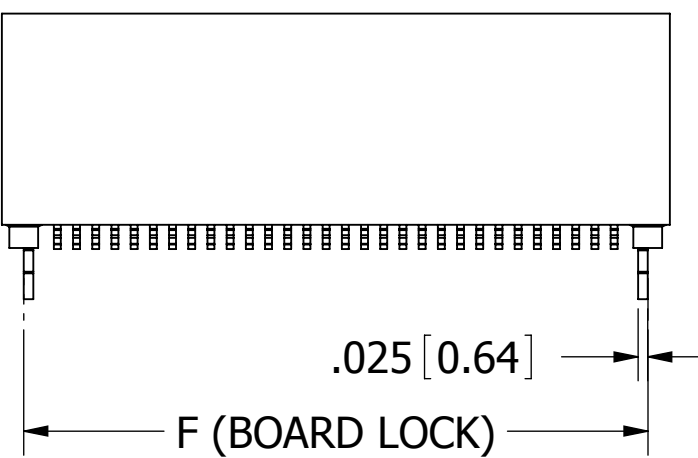
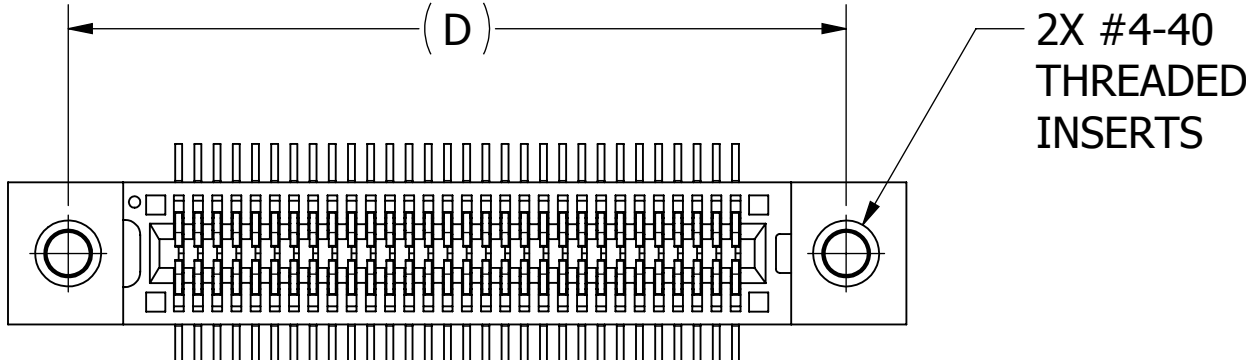




8 7 6 5 4 3 2 1

F  
E  
D  
C  
B  
A

F  
E  
D  
C  
B  
A



**PART NUMBER CODING**

**MATERIALS (INSULATOR / CONTACT)**

- R = PPS/PHOSPHOR BRONZE**  
OPERATING TEMP: -65°C TO +125°C  
PROCESSING TEMP: 260°C FOR 120 SECS MAX
- G = PA9T/PHOSPHOR BRONZE**  
OPERATING TEMP: -65°C TO +125°C  
PROCESSING TEMP: 260°C FOR 120 SECS MAX
- A = PPS/BERYLLIUM COPPER**  
OPERATING TEMP: -65°C TO +150°C  
PROCESSING TEMP: 260°C FOR 120 SECS MAX
- J = PA9T/BERYLLIUM COPPER**  
OPERATING TEMP: -65°C TO +150°C  
PROCESSING TEMP: 260°C FOR 120 SECS MAX  
(CONSULT FACTORY FOR OTHER MATERIALS)

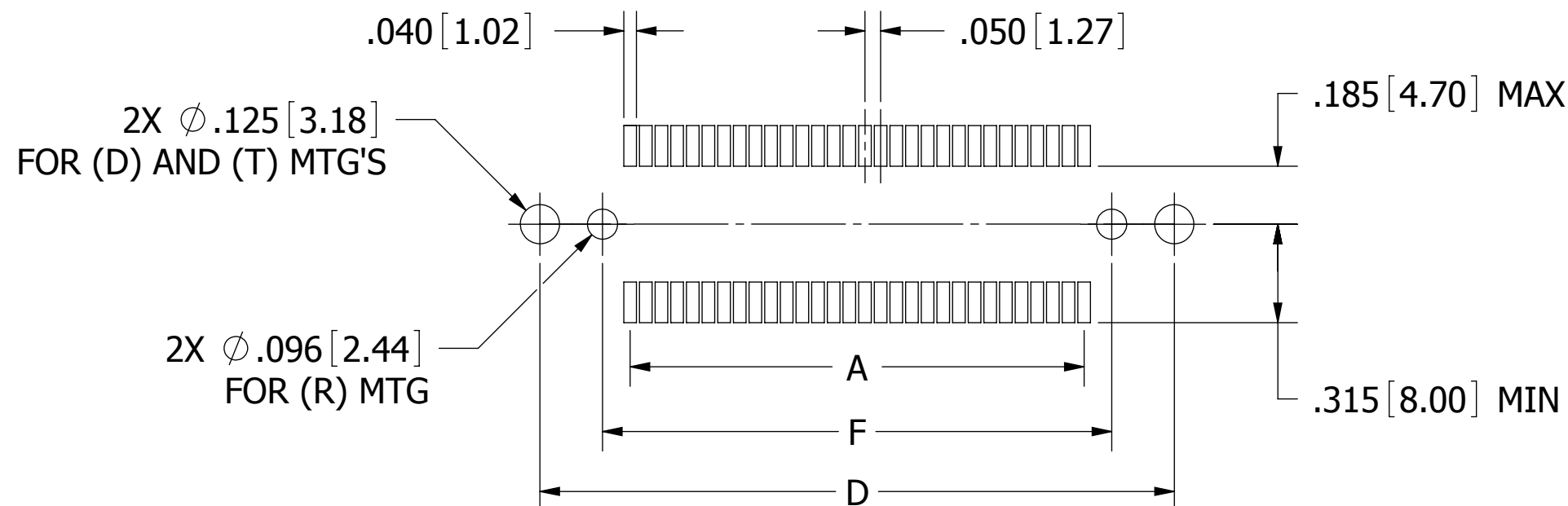
**MOUNTING STYLE**

- D = FLUSH MOUNTING (PAGE 1)  
N = NO MOUNTING EARS  
T = FLUSH MOUNTING WITH #4-40 THREADED INSERT  
R = BOARD LOCK

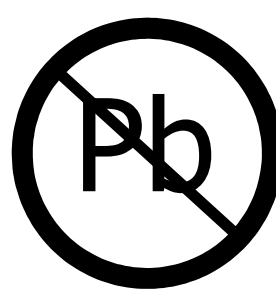
**NUMBER OF POSITIONS  
(CONTACTS PER ROW)**

**PLATING**

- ALL PLATINGS ARE LEAD FREE AND HAVE .000050" NICKEL UNDERPLATE
- CONTACT SURFACE TERMINATION**
- B = .000010" GOLD      .000100" PURE TIN, MATTE  
C = .000030" GOLD      .000100" PURE TIN, MATTE



**RECOMMENDED PCB LAYOUT**



RoHS COMPLIANT

**CUSTOMER COPY**

|                                                                                                                                                                                                                                                                 |  |  |                                      |            |      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--------------------------------------|------------|------|
| UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN INCHES[MM]<br>TOLERANCES:<br>ANGULAR: $\pm$ 30'<br>.XX= $\pm$ .02 [.508]<br>.XXX= $\pm$ .005 [.1270]<br>.XXXX= $\pm$ .0005 [.0127]<br>SURFACE FINISH: 63 Rc<br>REMOVE ALL BURRS AND SHARP EDGES .010 MAX       |  |  | DRAWN<br>4/28/06                     | DATE<br>HT | NAME |
| THE INFORMATION HEREIN CONTAINS<br>PROPRIETARY INFORMATION OF<br>SULLINS ELECTRONICS AND IS NOT<br>TO BE REPRODUCED, USED OR<br>DISCLOSED TO OTHERS FOR ANY<br>PURPOSE EXCEPT AS SPECIFICALLY<br>AUTHORIZED IN WRITING BY AN<br>OFFICER OF SULLINS ELECTRONICS. |  |  |                                      |            |      |
| INTERPRET DIMENSIONS AND GEOMETRIC<br>TOLERANCING<br>PER: ANSI Y14.5M-1994                                                                                                                                                                                      |  |  | DESCRIPTION<br>EDGECARD, .050 CC, HP |            |      |
| PART NUMBER<br>--B--DHF--                                                                                                                                                                                                                                       |  |  | SIZE DWG. NO. REV<br>C C10708 C      |            |      |
| SCALE: 2:1                                                                                                                                                                                                                                                      |  |  | SHEET 2 OF 3                         |            |      |

| PART NUMBER | NO OF POS. | A±.005[0.13] |       | B±.005[0.13] |       | C±.015[0.38] |       | D±.010[0.25] |       | E±.020[0.51] |       | F±.010[0.25] |       |
|-------------|------------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|
|             |            | IN           | MM    | IN           | MM    | IN           | MM    | IN           | MM    | IN           | MM    | IN           | MM    |
| __B05DHF__  | 5          | 0.200        | 5.08  | 0.300        | 7.62  | 0.490        | 12.45 | 0.776        | 19.71 | 1.090        | 27.69 | 0.350        | 8.89  |
| __B06DHF__  | 6          | 0.250        | 6.35  | 0.350        | 8.89  | 0.540        | 13.72 | 0.826        | 20.98 | 1.140        | 28.96 | 0.400        | 10.16 |
| __B07DHF__  | 7          | 0.300        | 7.62  | 0.400        | 10.16 | 0.590        | 14.99 | 0.876        | 22.25 | 1.190        | 30.23 | 0.450        | 11.43 |
| __B08DHF__  | 8          | 0.350        | 8.89  | 0.450        | 11.43 | 0.640        | 16.26 | 0.926        | 23.52 | 1.240        | 31.50 | 0.500        | 12.70 |
| __B09DHF__  | 9          | 0.400        | 10.16 | 0.500        | 12.70 | 0.690        | 17.53 | 0.976        | 24.79 | 1.290        | 32.77 | 0.550        | 13.97 |
| __B10DHF__  | 10         | 0.450        | 11.43 | 0.550        | 13.97 | 0.740        | 18.80 | 1.026        | 26.06 | 1.340        | 34.04 | 0.600        | 15.24 |
| __B11DHF__  | 11         | 0.500        | 12.70 | 0.600        | 15.24 | 0.790        | 20.07 | 1.076        | 27.33 | 1.390        | 35.31 | 0.650        | 16.51 |
| __B12DHF__  | 12         | 0.550        | 13.97 | 0.650        | 16.51 | 0.840        | 21.34 | 1.126        | 28.60 | 1.440        | 36.58 | 0.700        | 17.78 |
| __B13DHF__  | 13         | 0.600        | 15.24 | 0.700        | 17.78 | 0.890        | 22.61 | 1.176        | 29.87 | 1.490        | 37.85 | 0.750        | 19.05 |
| __B14DHF__  | 14         | 0.650        | 16.51 | 0.750        | 19.05 | 0.940        | 23.88 | 1.226        | 31.14 | 1.540        | 39.12 | 0.800        | 20.32 |
| __B15DHF__  | 15         | 0.700        | 17.78 | 0.800        | 20.32 | 0.990        | 25.15 | 1.276        | 32.41 | 1.590        | 40.39 | 0.850        | 21.59 |
| __B16DHF__  | 16         | 0.750        | 19.05 | 0.850        | 21.59 | 1.040        | 26.42 | 1.326        | 33.68 | 1.640        | 41.66 | 0.900        | 22.86 |
| __B17DHF__  | 17         | 0.800        | 20.32 | 0.900        | 22.86 | 1.090        | 27.69 | 1.376        | 34.95 | 1.690        | 42.93 | 0.950        | 24.13 |
| __B18DHF__  | 18         | 0.850        | 21.59 | 0.950        | 24.13 | 1.140        | 28.96 | 1.426        | 36.22 | 1.740        | 44.20 | 1.000        | 25.40 |
| __B19DHF__  | 19         | 0.900        | 22.86 | 1.000        | 25.40 | 1.190        | 30.23 | 1.476        | 37.49 | 1.790        | 45.47 | 1.050        | 26.67 |
| __B20DHF__  | 20         | 0.950        | 24.13 | 1.050        | 26.67 | 1.240        | 31.50 | 1.526        | 38.76 | 1.840        | 46.74 | 1.100        | 27.94 |
| __B21DHF__  | 21         | 1.000        | 25.40 | 1.100        | 27.94 | 1.290        | 32.77 | 1.576        | 40.03 | 1.890        | 48.01 | 1.150        | 29.21 |
| __B22DHF__  | 22         | 1.050        | 26.67 | 1.150        | 29.21 | 1.340        | 34.04 | 1.626        | 41.30 | 1.940        | 49.28 | 1.200        | 30.48 |
| __B23DHF__  | 23         | 1.100        | 27.94 | 1.200        | 30.48 | 1.390        | 35.31 | 1.676        | 42.57 | 1.990        | 50.55 | 1.250        | 31.75 |
| __B24DHF__  | 24         | 1.150        | 29.21 | 1.250        | 31.75 | 1.440        | 36.58 | 1.726        | 43.84 | 2.040        | 51.82 | 1.300        | 33.02 |
| __B25DHF__  | 25         | 1.200        | 30.48 | 1.300        | 33.02 | 1.490        | 37.85 | 1.776        | 45.11 | 2.090        | 53.09 | 1.350        | 34.29 |
| __B26DHF__  | 26         | 1.250        | 31.75 | 1.350        | 34.29 | 1.540        | 39.12 | 1.826        | 46.38 | 2.140        | 54.36 | 1.400        | 35.56 |
| __B27DHF__  | 27         | 1.300        | 33.02 | 1.400        | 35.56 | 1.590        | 40.39 | 1.876        | 47.65 | 2.190        | 55.63 | 1.450        | 36.83 |
| __B28DHF__  | 28         | 1.350        | 34.29 | 1.450        | 36.83 | 1.640        | 41.66 | 1.926        | 48.92 | 2.240        | 56.90 | 1.500        | 38.10 |
| __B29DHF__  | 29         | 1.400        | 35.56 | 1.500        | 38.10 | 1.690        | 42.93 | 1.976        | 50.19 | 2.290        | 58.17 | 1.550        | 39.37 |
| __B30DHF__  | 30         | 1.450        | 36.83 | 1.550        | 39.37 | 1.740        | 44.20 | 2.026        | 51.46 | 2.340        | 59.44 | 1.600        | 40.64 |
| __B31DHF__  | 31         | 1.500        | 38.10 | 1.600        | 40.64 | 1.790        | 45.47 | 2.076        | 52.73 | 2.390        | 60.71 | 1.650        | 41.91 |
| __B32DHF__  | 32         | 1.550        | 39.37 | 1.650        | 41.91 | 1.840        | 46.74 | 2.126        | 54.00 | 2.440        | 61.98 | 1.700        | 43.18 |
| __B33DHF__  | 33         | 1.600        | 40.64 | 1.700        | 43.18 | 1.890        | 48.01 | 2.176        | 55.27 | 2.490        | 63.25 | 1.750        | 44.45 |
| __B34DHF__  | 34         | 1.650        | 41.91 | 1.750        | 44.45 | 1.940        | 49.28 | 2.226        | 56.54 | 2.540        | 64.52 | 1.800        | 45.72 |
| __B35DHF__  | 35         | 1.700        | 43.18 | 1.800        | 45.72 | 1.990        | 50.55 | 2.276        | 57.81 | 2.590        | 65.79 | 1.850        | 46.99 |
| __B36DHF__  | 36         | 1.750        | 44.45 | 1.850        | 46.99 | 2.040        | 51.82 | 2.326        | 59.08 | 2.640        | 67.06 | 1.900        | 48.26 |
| __B37DHF__  | 37         | 1.800        | 45.72 | 1.900        | 48.26 | 2.090        | 53.09 | 2.376        | 60.35 | 2.690        | 68.33 | 1.950        | 49.53 |
| __B38DHF__  | 38         | 1.850        | 46.99 | 1.950        | 49.53 | 2.140        | 54.36 | 2.426        | 61.62 | 2.740        | 69.60 | 2.000        | 50.80 |
| __B39DHF__  | 39         | 1.900        | 48.26 | 2.000        | 50.80 | 2.190        | 55.63 | 2.476        | 62.89 | 2.790        | 70.87 | 2.050        | 52.07 |
| __B40DHF__  | 40         | 1.950        | 49.53 | 2.050        | 52.07 | 2.240        | 56.90 | 2.526        | 64.16 | 2.840        | 72.14 | 2.100        | 53.34 |
| __B41DHF__  | 41         | 2.000        | 50.80 | 2.100        | 53.34 | 2.290        | 58.17 | 2.576        | 65.43 | 2.890        | 73.41 | 2.150        | 54.61 |
| __B42DHF__  | 42         | 2.050        | 52.07 | 2.150        | 54.61 | 2.340        | 59.44 | 2.626        | 66.70 | 2.940        | 74.68 | 2.200        | 55.88 |
| __B43DHF__  | 43         | 2.100        | 53.34 | 2.200        | 55.88 | 2.390        | 60.71 | 2.676        | 67.97 | 2.990        | 75.95 | 2.250        | 57.15 |
| __B44DHF__  | 44         | 2.150        | 54.61 | 2.250        | 57.15 | 2.440        | 61.98 | 2.726        | 69.24 | 3.040        | 77.22 | 2.300        | 58.42 |
| __B45DHF__  | 45         | 2.200        | 55.88 | 2.300        | 58.42 | 2.490        | 63.25 | 2.776        | 70.51 | 3.090        | 78.49 | 2.350        | 59.69 |
| __B46DHF__  | 46         | 2.250        | 57.15 | 2.350        | 59.69 | 2.540        | 64.52 | 2.826        | 71.78 | 3.140        | 79.76 | 2.400        | 60.96 |
| __B47DHF__  | 47         | 2.300        | 58.42 | 2.400        | 60.96 | 2.590        | 65.79 | 2.876        | 73.05 | 3.190        | 81.03 | 2.450        | 62.23 |
| __B48DHF__  | 48         | 2.350        | 59.69 | 2.450        | 62.23 | 2.640        | 67.06 | 2.926        | 74.32 | 3.240        | 82.30 | 2.500        | 63.50 |
| __B49DHF__  | 49         | 2.400        | 60.96 | 2.500        | 63.50 | 2.690        | 68.33 | 2.976        | 75.59 | 3.290        | 83.57 | 2.550        | 64.77 |
| __B50DHF__  | 50         | 2.450        | 62.23 | 2.550        | 64.77 | 2.740        | 69.60 | 3.026        | 76.86 | 3.340        | 84.84 | 2.600        | 66.04 |
| __B51DHF__  | 51         | 2.500        | 63.50 | 2.600        | 66.04 | 2.790        | 70.87 | 3.076        | 78.13 | 3.390        | 86.11 | 2.650        | 67.31 |
| __B52DHF__  | 52         | 2.550        | 64.77 | 2.650        | 67.31 | 2.840        | 72.14 | 3.126        | 79.40 | 3.440        | 87.38 | 2.700        | 68.58 |
| __B53DHF__  | 53         | 2.600        | 66.04 | 2.700        | 68.58 | 2.890        | 73.41 | 3.176        | 80.67 | 3.490        | 88.65 | 2.750        | 69.85 |
| __B54DHF__  | 54         | 2.650        | 67.31 | 2.750        | 69.85 | 2.940        | 74.68 | 3.226        | 81.94 | 3.540        | 89.92 | 2.800        | 71.12 |
| __B55DHF__  | 55         | 2.700        | 68.58 | 2.800        | 71.12 | 2.990        | 75.95 | 3.276        | 83.21 | 3.590        | 91.19 | 2.850        | 72.39 |
| __B56DHF__  | 56         | 2.750        | 69.85 | 2.850        | 72.39 | 3.040        | 77.22 | 3.326        | 84.48 | 3.640        | 92.46 | 2.900        | 73.66 |
| __B57DHF__  | 57         | 2.800        | 71.12 | 2.900        |       |              |       |              |       |              |       |              |       |