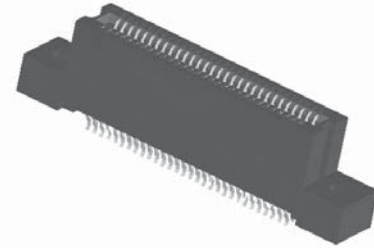




**.050" [1.27mm] Contact Centers, .610" Insulator Height  
Dip Solder/Card Extender/SMT**

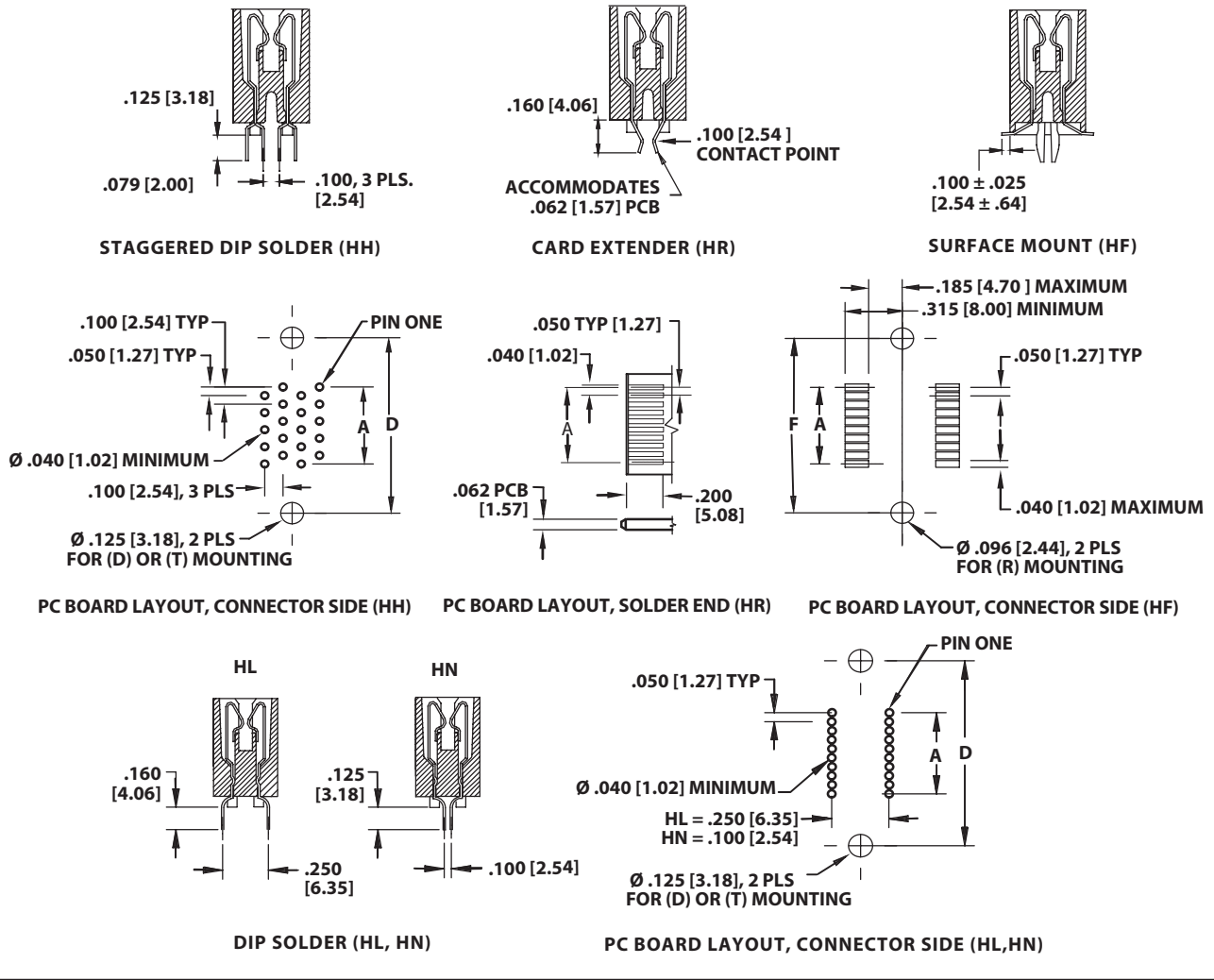
**SPECIFICATIONS**

- Accommodates .062" ± .008" [1.57 ± .20] PC board
- PPS or PA9T insulator
- Molded-in key available
- High reliability/high cycle hairpin bellows contact
- 1 amp current rating per contact
- 150 grams normal force minimum

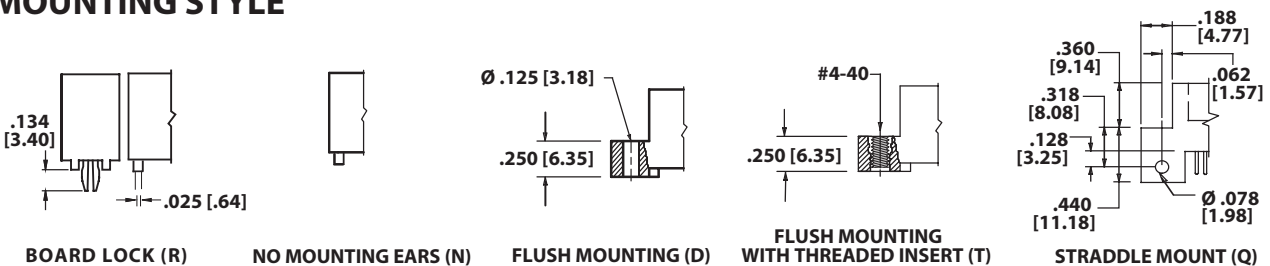


Sullins Edgecards

**TERMINATION TYPE**



**MOUNTING STYLE**





**.050" [1.27mm] Contact Centers, .610" Insulator Height  
Dip Solder/Card Extender/SMT**

Sullins Edgecards

**PART NUMBER CODING**

**G B B 40 D HH D - Sxxx**

**MATERIALS (INSULATOR/CONTACT)**  
 G = PA9T/Phosphor Bronze  
 R = PPS/Phosphor Bronze  
 J = PA9T/Beryllium Copper  
 A = PPS/Beryllium Copper  
 (Consult Factory for Other Materials)

**CONTACT FINISH - RoHS Compliant**  
**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

**CONTACT CENTERS**  
 B = .050 [1.27mm]

**NUMBER OF CONTACT POSITIONS**  
 See Chart Below

**MODIFICATION CODE** (Consult Factory)  
 OMIT FOR STANDARD

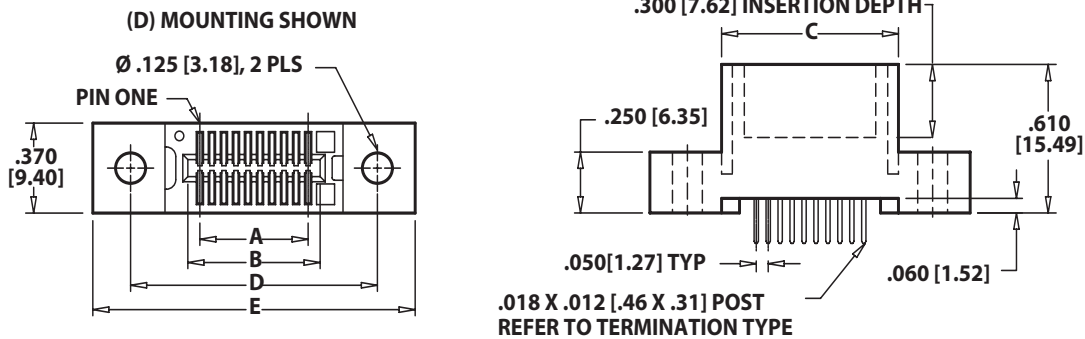
**MOUNTING STYLE (Opposite Page)**  
 D = Flush Mounting  
 N = No Mounting  
 T = Flush Mounting With Threaded Insert  
 Q = Straddle Mount (Card Extender Only)  
 R = Metal Boardlocks

**TERMINATION TYPE (Opposite Page)**  
 HH = Staggered Dip Solder  
 HR = Card Extender  
 HF = Surface Mount  
 HL = .250 x .160 [6.35mm x 4.06] Dip Solder  
 HN = .100 x .125 [2.54mm x 3.18] Dip Solder  
 (Replaces Terminations CH, CR, CF, CL, CN)

**READOUT (Opposite Page)**  
 D = Dual

**DIMENSIONS**

Dimensions in [ ] are in millimeters, all others are in inches.



| POSITIONS/<br>CONTACTS | INCHES     |            |            |                   |            |            | [MILLIMETERS] |           |           |                   |           |           |
|------------------------|------------|------------|------------|-------------------|------------|------------|---------------|-----------|-----------|-------------------|-----------|-----------|
|                        | A<br>±.005 | B<br>±.005 | C<br>±.015 | D<br>±.010        | E<br>±.020 | F<br>±.010 | A<br>±.13     | B<br>±.13 | C<br>±.38 | D<br>±.25         | E<br>±.51 | F<br>±.25 |
| 05/10                  | 0.200      | 0.300      | 0.490      | 0.776             | 1.090      | 0.350      | 5.08          | 7.62      | 12.45     | 19.71             | 27.69     | 8.89      |
| 06/12                  | 0.250      | 0.350      | 0.540      | 0.826             | 1.140      | 0.400      | 6.35          | 8.89      | 13.72     | 20.98             | 28.96     | 10.16     |
| 09/18                  | 0.400      | 0.500      | 0.690      | 0.976             | 1.290      | 0.550      | 10.16         | 12.70     | 17.53     | 24.79             | 32.77     | 13.97     |
| 10/20                  | 0.450      | 0.550      | 0.740      | 1.026             | 1.340      | 0.600      | 11.43         | 13.97     | 18.80     | 26.06             | 34.04     | 15.24     |
| 13/26                  | 0.600      | 0.700      | 0.890      | 1.176             | 1.490      | 0.750      | 15.24         | 17.78     | 22.61     | 29.87             | 37.85     | 19.05     |
| 14/28                  | 0.650      | 0.750      | 0.940      | 1.226             | 1.540      | 0.800      | 16.51         | 19.05     | 23.88     | 31.14             | 39.12     | 20.32     |
| 15/30                  | 0.700      | 0.800      | 0.990      | 1.276             | 1.590      | 0.850      | 17.78         | 20.32     | 25.15     | 32.41             | 40.39     | 21.59     |
| 20/40                  | 0.950      | 1.050      | 1.240      | 1.526             | 1.840      | 1.100      | 24.13         | 26.67     | 31.50     | 38.76             | 46.74     | 27.94     |
| 22/44                  | 1.050      | 1.150      | 1.340      | 1.626             | 1.940      | 1.200      | 26.67         | 29.21     | 34.04     | 41.30             | 49.28     | 30.48     |
| 24/48                  | 1.150      | 1.250      | 1.440      | 1.726             | 2.040      | 1.300      | 29.21         | 31.75     | 36.58     | 43.84             | 51.82     | 33.02     |
| 25/50                  | 1.200      | 1.300      | 1.490      | 1.776             | 2.090      | 1.350      | 30.48         | 33.02     | 37.85     | 45.11             | 53.09     | 34.29     |
| 30/60                  | 1.450      | 1.550      | 1.740      | 2.026             | 2.340      | 1.600      | 36.83         | 39.37     | 44.20     | 51.46             | 59.44     | 40.64     |
| 34/68                  | 1.650      | 1.750      | 1.940      | 2.226             | 2.540      | 1.800      | 41.91         | 44.45     | 49.28     | 56.54             | 64.52     | 45.72     |
| 35/70                  | 1.700      | 1.800      | 1.990      | 2.276             | 2.590      | 1.850      | 43.18         | 45.72     | 50.55     | 57.81             | 65.79     | 46.99     |
| 40/80                  | 1.950      | 2.050      | 2.240      | 2.526             | 2.840      | 2.100      | 49.53         | 52.07     | 56.90     | 64.16             | 72.14     | 53.34     |
| 45/90                  | 2.200      | 2.300      | 2.490      | 2.776             | 3.090      | 2.350      | 55.88         | 58.42     | 63.25     | 70.51             | 78.49     | 59.69     |
| 50/100                 | 2.450      | 2.550      | 2.740      | 3.026             | 3.340      | 2.600      | 62.23         | 64.77     | 69.60     | 76.86             | 84.84     | 66.04     |
| 55/110                 | 2.700      | 2.800      | 2.990      | 3.276             | 3.590      | 2.850      | 68.58         | 71.12     | 75.95     | 83.21             | 91.19     | 72.39     |
| 60/120                 | 2.950      | 3.050      | 3.240      | 3.526             | 3.840      | 3.100      | 74.93         | 77.47     | 82.30     | 89.56             | 97.54     | 78.74     |
| 64/128                 | 3.150      | 3.250      | 3.440      | 3.726             | 4.040      | 3.300      | 80.01         | 82.55     | 87.38     | 94.64             | 102.62    | 83.82     |
| 65/130                 | 3.200      | 3.300      | 3.490      | 3.776             | 4.090      | 3.350      | 81.28         | 83.82     | 88.65     | 95.91             | 103.89    | 85.09     |
| 66/132                 | 3.250      | 3.350      | 3.540      | 3.826             | 4.140      | 3.400      | 82.55         | 85.09     | 89.92     | 97.18             | 105.16    | 86.36     |
| 70/140                 | 3.450      | 3.550      | 3.740      | 4.026             | 4.340      | 3.600      | 87.63         | 90.17     | 95.00     | 102.26            | 110.24    | 91.44     |
| 75/150                 | 3.700      | 3.800      | 3.990      | 4.276             | 4.590      | 3.850      | 93.98         | 96.52     | 101.35    | 108.61            | 116.59    | 97.79     |
| 80/160                 | 3.950      | 4.050      | 4.240      | 4.526             | 4.840      | 4.100      | 100.33        | 102.87    | 107.70    | 114.96            | 122.94    | 104.14    |
| 85/170                 | 4.200      | 4.300      | 4.490      | 4.776             | 5.090      | 4.350      | 106.68        | 109.22    | 114.05    | 121.31            | 129.29    | 110.49    |
| 90/180                 | 4.450      | 4.550      | 4.740      | 5.026             | 5.340      | 4.600      | 113.03        | 115.57    | 120.40    | 127.66            | 135.64    | 116.84    |
| 95/190                 | 4.700      | 4.800      | 4.990      | 5.276             | 5.590      | 4.850      | 119.38        | 121.92    | 126.75    | 134.01            | 141.99    | 123.19    |
| 100/200                | 4.950      | 5.050      | 5.240      | 5.526             | 5.840      | 5.100      | 125.73        | 128.27    | 133.10    | 140.36            | 148.34    | 129.54    |
| 105/210                | 5.200      | 5.300      | 5.490      | 5.776             | 6.090      | 5.350      | 132.08        | 134.62    | 139.45    | 146.71            | 154.69    | 135.89    |
| 108/216                | 5.350      | 5.450      | 5.640      | 5.926             | 6.240      | 5.500      | 135.89        | 138.43    | 143.26    | 150.52            | 158.50    | 139.70    |
| 110/220                | 5.450      | 5.550      | 5.740      | 6.026             | 6.340      | 5.600      | 138.43        | 140.97    | 145.80    | 153.06            | 161.04    | 142.24    |
| 120/240                | 5.950      | 6.050      | 6.240      | 'N' Mounting Only | 6.100      |            | 151.13        | 153.67    | 158.50    | 'N' Mounting Only |           | 154.94    |