

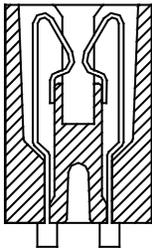
.039" [1.00mm] CONTACT CENTERS, Dip Solder, Card Extender/SMT

FEATURES

- * Accommodates .062 ± .008" PC board
- * PPS or PA9T insulator
- * Molded-in key available

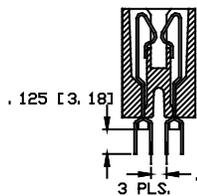
- * 1 amp current rating
- * Highly reliable high cycle hairpin bellow contacts
- * 150 grams normal force minimum

READOUT

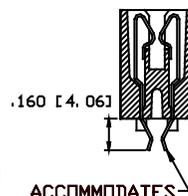


DUAL (D)

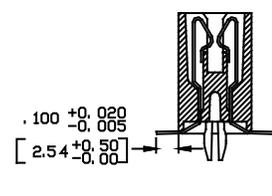
TERMINATION TYPE



STAGGERED DIP SOLDER
(HH)

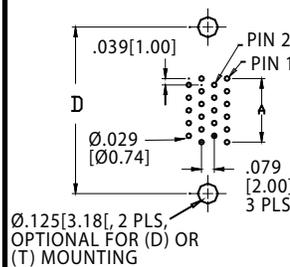


CARD EXTENDER
(HR)



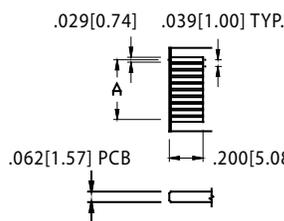
SURFACE MOUNT
(HF)

P.C.B. LAYOUTS

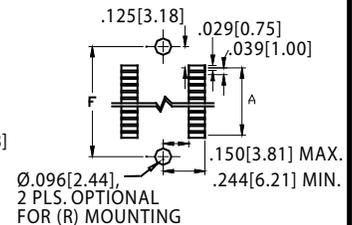


Ø.125 [3.18], 2 PLS.,
OPTIONAL FOR (D) OR
(T) MOUNTING

CONNECTOR SIDE

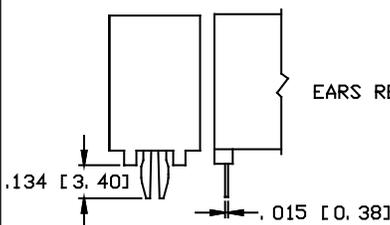


SOLDER END

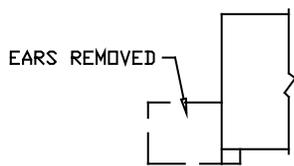


CONNECTOR SIDE

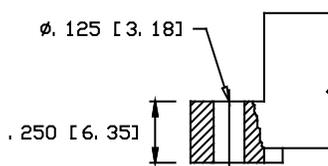
MOUNTING STYLE



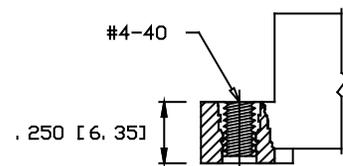
BOARD LOCK (R)



NO MOUNTING EARS (N)



FLUSH MOUNTING (D)



THREADED INSERT (T)

.039" [1.00mm] CONTACT CENTERS, Dip Solder, Card Extender/SMT

PART NUMBER CODING **

MATERIALS (Insulator/Contact)

- R = PPS/Phosphor Bronze
- A = PPS/Beryllium Copper
- G = PA9T/Phosphor Bronze
- J = PA9T/Beryllium Copper

MODIFICATIONS (Consult Factory)
Omit For Standard

MOUNTING STYLE (Opposite Page)

- D = Flush Mounting
- N = No Mounting
- R = Metal Board Lock
- T = Flush Mounting, #4-40 Threaded Insert

TERMINATION TYPE (Opposite Page)

- HH = Staggered Dip Solder
- HR = Card Extender
- HF = Surface Mount

READOUT (Opposite page)

- D = Dual

NUMBER OF CONTACT POSITIONS 2 through 50

CONTACT FINISH (All Platings Have .000050" NICKEL Underplate)

| Contact Surface | Termination |
|------------------|--------------------------|
| Z = .00010" Gold | .000100" Tin/LEAD |
| X = .00030" Gold | .000100" Tin/LEAD |
| B = .00010" Gold | .000100" Pure Tin, Matte |
| C = .00030" Gold | .000100" Pure Tin, Matte |

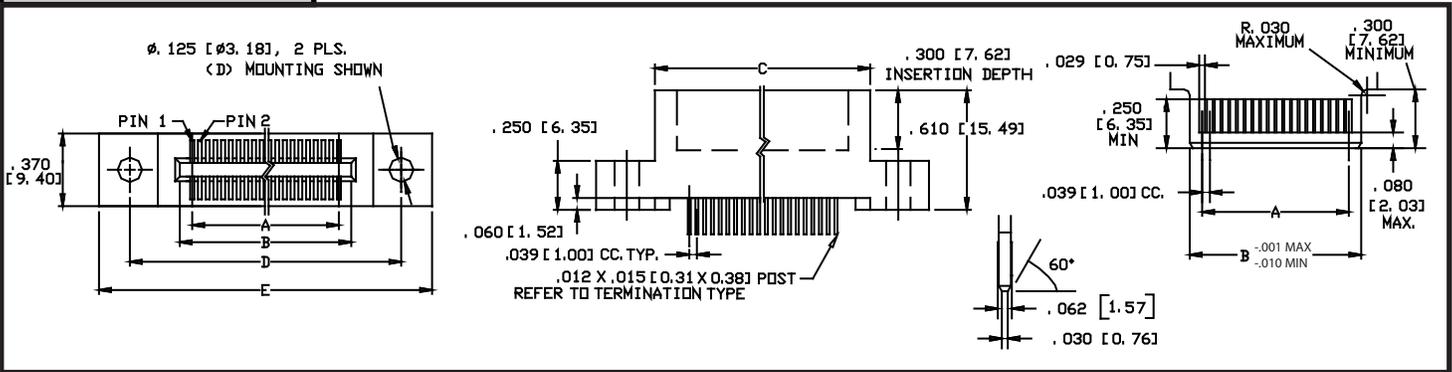
CONTACT CENTERS

E = .039" [1.00 mm]

 = Lead Free Plating
RoHS COMPLIANT

DIMENSIONS

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



| POSITIONS/ CONTACTS | INCHES | | | | | | MILLIMETERS | | | | | |
|------------------------|------------|------------------|------------|------------|------------|------------|-------------|---------------|-----------|-----------|-----------|-----------|
| | A ±.005 | B +.010-0.000 | C ±.015 | D ±.010 | E ±.020 | F ±.010 | A ±.13 | B +.13-.00 | C ±.38 | D ±.25 | E ±.51 | F ±.25 |
| 2/4* | 0.039 | 0.165 | 0.389 | 0.675 | 0.989 | 0.289 | 1.00 | 4.20 | 9.89 | 17.15 | 25.13 | 7.35 |
| 3/6* | 0.079 | 0.205 | 0.429 | 0.715 | 1.029 | 0.329 | 2.00 | 5.20 | 10.89 | 18.15 | 26.13 | 8.35 |
| 4/8* | 0.118 | 0.244 | 0.468 | 0.754 | 1.068 | 0.368 | 3.00 | 6.20 | 11.89 | 19.15 | 27.13 | 9.35 |
| 5/10 | 0.157 | 0.283 | 0.507 | 0.793 | 1.107 | 0.407 | 4.00 | 7.20 | 12.89 | 20.15 | 28.13 | 10.35 |
| 6/12 | 0.197 | 0.323 | 0.547 | 0.833 | 1.147 | 0.447 | 5.00 | 8.20 | 13.89 | 21.15 | 29.13 | 11.35 |
| 7/14 | 0.236 | 0.362 | 0.586 | 0.872 | 1.186 | 0.486 | 6.00 | 9.20 | 14.89 | 22.15 | 30.13 | 12.35 |
| 8/16 | 0.276 | 0.402 | 0.626 | 0.912 | 1.226 | 0.526 | 7.00 | 10.20 | 15.89 | 23.15 | 31.13 | 13.35 |
| 9/18 | 0.315 | 0.441 | 0.665 | 0.951 | 1.265 | 0.565 | 8.00 | 11.20 | 16.89 | 24.15 | 32.13 | 14.35 |
| 10/20 | 0.354 | 0.480 | 0.704 | 0.990 | 1.304 | 0.604 | 9.00 | 12.20 | 17.89 | 25.15 | 33.13 | 15.35 |
| 11/22 | 0.394 | 0.520 | 0.744 | 1.030 | 1.344 | 0.644 | 10.00 | 13.20 | 18.89 | 26.15 | 34.13 | 16.35 |
| 12/24 | 0.433 | 0.559 | 0.783 | 1.069 | 1.383 | 0.683 | 11.00 | 14.20 | 19.89 | 27.15 | 35.13 | 17.35 |
| 13/26 | 0.472 | 0.598 | 0.822 | 1.108 | 1.422 | 0.722 | 12.00 | 15.20 | 20.89 | 28.15 | 36.13 | 18.35 |
| 14/28 | 0.512 | 0.638 | 0.862 | 1.148 | 1.462 | 0.762 | 13.00 | 16.20 | 21.89 | 29.15 | 37.13 | 19.35 |
| 15/30 | 0.551 | 0.677 | 0.901 | 1.187 | 1.501 | 0.801 | 14.00 | 17.20 | 22.89 | 30.15 | 38.13 | 20.35 |
| 16/32 | 0.591 | 0.717 | 0.941 | 1.227 | 1.541 | 0.841 | 15.00 | 18.20 | 23.89 | 31.15 | 39.13 | 21.35 |
| 17/34 | 0.630 | 0.756 | 0.980 | 1.266 | 1.580 | 0.880 | 16.00 | 19.20 | 24.89 | 32.15 | 40.13 | 22.35 |
| 18/36 | 0.669 | 0.795 | 1.019 | 1.305 | 1.619 | 0.919 | 17.00 | 20.20 | 25.89 | 33.15 | 41.13 | 23.35 |
| 19/38 | 0.709 | 0.835 | 1.059 | 1.345 | 1.659 | 0.959 | 18.00 | 21.20 | 26.89 | 34.15 | 42.13 | 24.35 |
| 20/40 | 0.748 | 0.874 | 1.098 | 1.384 | 1.698 | 0.998 | 19.00 | 22.20 | 27.89 | 35.15 | 43.13 | 25.35 |
| 21/42 | 0.787 | 0.913 | 1.137 | 1.423 | 1.737 | 1.037 | 20.00 | 23.20 | 28.89 | 36.15 | 44.13 | 26.35 |
| 22/44 | 0.827 | 0.953 | 1.177 | 1.463 | 1.777 | 1.077 | 21.00 | 24.20 | 29.89 | 37.15 | 45.13 | 27.35 |
| 23/46 | 0.866 | 0.992 | 1.216 | 1.502 | 1.816 | 1.116 | 22.00 | 25.20 | 30.89 | 38.15 | 46.13 | 28.35 |
| 24/48 | 0.906 | 1.032 | 1.256 | 1.542 | 1.856 | 1.156 | 23.00 | 26.20 | 31.89 | 39.15 | 47.13 | 29.35 |
| 25/50 | 0.945 | 1.071 | 1.295 | 1.581 | 1.895 | 1.195 | 24.00 | 27.20 | 32.89 | 40.15 | 48.13 | 30.35 |
| 26/52 | 0.984 | 1.110 | 1.334 | 1.620 | 1.934 | 1.234 | 25.00 | 28.20 | 33.89 | 41.15 | 49.13 | 31.35 |
| 27/54 | 1.024 | 1.150 | 1.374 | 1.660 | 1.974 | 1.274 | 26.00 | 29.20 | 34.89 | 42.15 | 50.13 | 32.35 |
| 28/56 | 1.063 | 1.189 | 1.413 | 1.699 | 2.013 | 1.313 | 27.00 | 30.20 | 35.89 | 43.15 | 51.13 | 33.35 |
| 29/58 | 1.102 | 1.228 | 1.452 | 1.738 | 2.052 | 1.352 | 28.00 | 31.20 | 36.89 | 44.15 | 52.13 | 34.35 |
| 30/60 | 1.142 | 1.268 | 1.492 | 1.778 | 2.092 | 1.392 | 29.00 | 32.20 | 37.89 | 45.15 | 53.13 | 35.35 |
| 31/62 | 1.181 | 1.307 | 1.531 | 1.817 | 2.131 | 1.431 | 30.00 | 33.20 | 38.89 | 46.15 | 54.13 | 36.35 |
| 32/64 | 1.220 | 1.346 | 1.570 | 1.856 | 2.170 | 1.470 | 31.00 | 34.20 | 39.89 | 47.15 | 55.13 | 37.35 |
| 33/66 | 1.260 | 1.386 | 1.610 | 1.896 | 2.210 | 1.510 | 32.00 | 35.20 | 40.89 | 48.15 | 56.13 | 38.35 |
| 34/68 | 1.299 | 1.425 | 1.649 | 1.935 | 2.249 | 1.549 | 33.00 | 36.20 | 41.89 | 49.15 | 57.13 | 39.35 |
| 35/70 | 1.339 | 1.465 | 1.689 | 1.975 | 2.289 | 1.589 | 34.00 | 37.20 | 42.89 | 50.15 | 58.13 | 40.35 |
| 36/72 | 1.378 | 1.504 | 1.728 | 2.014 | 2.328 | 1.628 | 35.00 | 38.20 | 43.89 | 51.15 | 59.13 | 41.35 |
| 37/74 | 1.417 | 1.543 | 1.767 | 2.053 | 2.367 | 1.667 | 36.00 | 39.20 | 44.89 | 52.15 | 60.13 | 42.35 |
| 38/76 | 1.457 | 1.583 | 1.807 | 2.093 | 2.407 | 1.707 | 37.00 | 40.20 | 45.89 | 53.15 | 61.13 | 43.35 |
| 39/78 | 1.496 | 1.622 | 1.846 | 2.132 | 2.446 | 1.746 | 38.00 | 41.20 | 46.89 | 54.15 | 62.13 | 44.35 |
| 40/80 | 1.535 | 1.661 | 1.885 | 2.171 | 2.485 | 1.785 | 39.00 | 42.20 | 47.89 | 55.15 | 63.13 | 45.35 |
| 41/82 | 1.575 | 1.701 | 1.925 | 2.211 | 2.525 | 1.825 | 40.00 | 43.20 | 48.89 | 56.15 | 64.13 | 46.35 |
| 42/84 | 1.614 | 1.740 | 1.964 | 2.250 | 2.564 | 1.864 | 41.00 | 44.20 | 49.89 | 57.15 | 65.13 | 47.35 |
| 43/86 | 1.654 | 1.780 | 2.004 | 2.290 | 2.604 | 1.904 | 42.00 | 45.20 | 50.89 | 58.15 | 66.13 | 48.35 |
| 44/88 | 1.693 | 1.819 | 2.043 | 2.329 | 2.643 | 1.943 | 43.00 | 46.20 | 51.89 | 59.15 | 67.13 | 49.35 |
| 45/90 | 1.732 | 1.858 | 2.082 | 2.368 | 2.682 | 1.982 | 44.00 | 47.20 | 52.89 | 60.15 | 68.13 | 50.35 |
| 46/92 | 1.772 | 1.898 | 2.122 | 2.408 | 2.722 | 2.022 | 45.00 | 48.20 | 53.89 | 61.15 | 69.13 | 51.35 |
| 47/94 | 1.811 | 1.937 | 2.161 | 2.447 | 2.761 | 2.061 | 46.00 | 49.20 | 54.89 | 62.15 | 70.13 | 52.35 |
| 48/96 | 1.850 | 1.976 | 2.200 | 2.486 | 2.800 | 2.100 | 47.00 | 50.20 | 55.89 | 63.15 | 71.13 | 53.35 |
| 49/98 | 1.890 | 2.016 | 2.240 | 2.526 | 2.840 | 2.140 | 48.00 | 51.20 | 56.89 | 64.15 | 72.13 | 54.35 |
| 50/100 | 1.929 | 2.055 | 2.279 | 2.565 | 2.879 | 2.179 | 49.00 | 52.20 | 57.89 | 65.15 | 73.13 | 55.35 |

*Consult Factory For Availability

**For complete part number add termination type and mounting style from Part Number Coding (e.g. RZE40DHHDD).