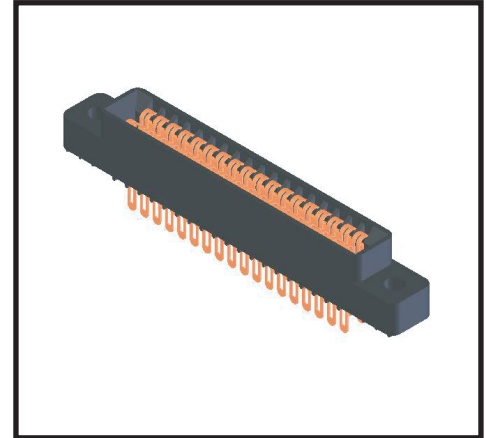


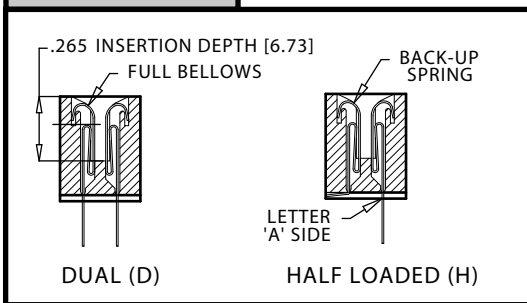
# .100" [2.54mm] CONTACT CENTERS, .431" INSULATOR HEIGHT .062" [1.57mm] or .032" [0.81mm] Thick Mating PCB

## FEATURES

- \* Accommodates .062"  $\pm$  .008" PC board
- \* PBT, PPS or PA9T Insulator
- \* Molded-in key available
- \* 3 amp current rating
- \* 10 milli ohm maximum at rated current



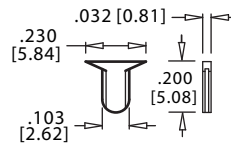
## READOUT



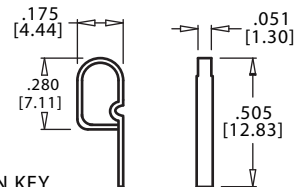
## POLARIZING KEYS

KEYS FOR .062" MATING PCB ONLY

**PLA-K1**  
KEY IN BETWEEN CONTACTS  
(ORDER SEPARATELY)

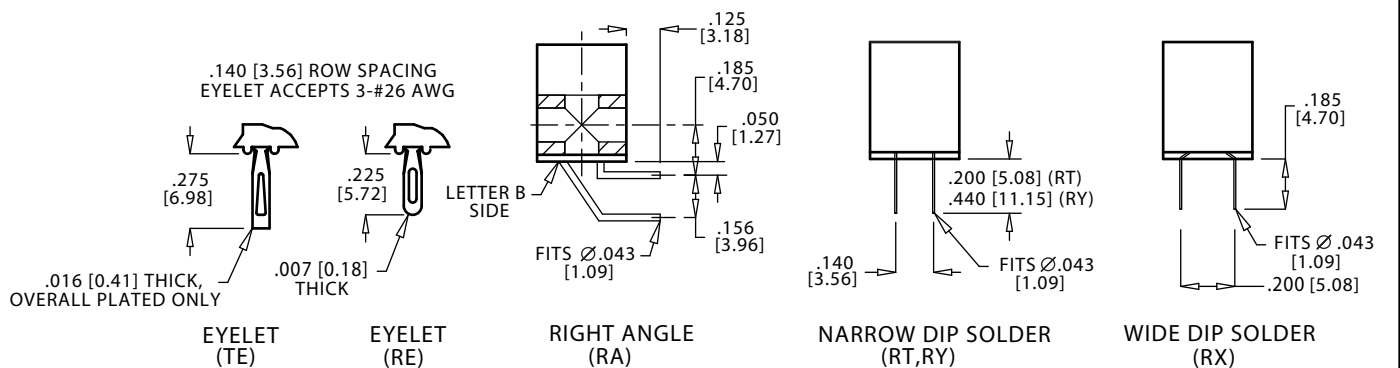


**ETA-K3**  
KEY REPLACES ONE PAIR OF CONTACTS  
(ORDER SEPARATELY)

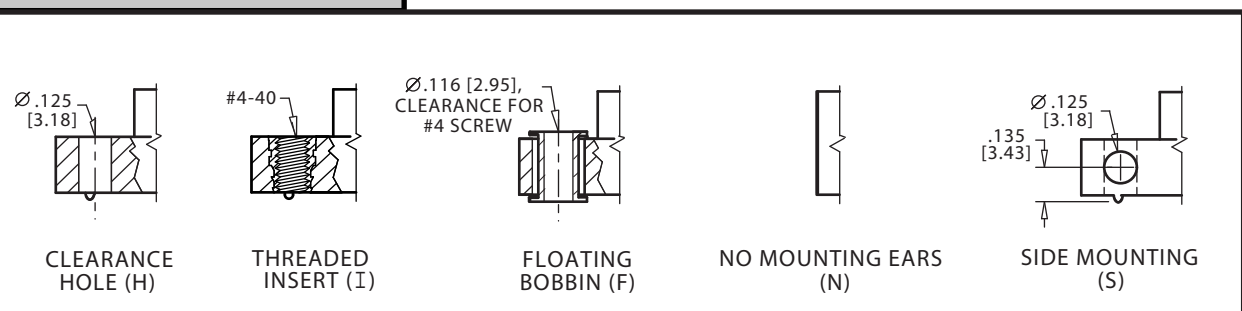


CONSULT FACTORY FOR MOLDED-IN KEY

## TERMINATION TYPE



## MOUNTING STYLE



# .100" [2.54mm] CONTACT CENTERS .431" INSULATOR HEIGHT .062" [1.57mm] or .032" [0.81mm] Thick Mating PCB

## PART NUMBER CODING \*\*

### MATERIALS (Insulator/Contact)

E = PBT/Phosphor Bronze (Standard)  
H = PBT/Beryllium Copper  
C = PPS/Beryllium Nickel (Consult Factory)  
W = PEEK/Beryllium Nickel (Consult Factory)  
F = PPS/Pfinodal\*\*\*  
(Consult Factory)(Overall Gold Plating Only)  
R = PPS/Phosphor Bronze  
A = PPS/Beryllium Copper  
G = PA9T/Phosphor Bronze  
J = PA9T/Beryllium Copper

### Consult Factory for Other Materials

### CONTACT FINISH (All platings have .000050" NICKEL Underplate)

| Contact Surface              | Termination              |
|------------------------------|--------------------------|
| Z = .000010" Gold            | .000100" Tin/Lead        |
| X = .000030" Gold            | .000100" Tin/Lead        |
| G = .000010" Gold            | .000005" Gold            |
| Y = .000030" Gold            | .000005" Gold            |
| B = .000010" Gold            | .000100" Pure Tin, Matte |
| C = .000030" Gold            | .000100" Pure Tin, Matte |
| Contact Surface              | Overall Plating          |
| S = .000010" Gold            | .000010" Gold            |
| M = .000030" Gold            | .000010" Gold            |
| T = .000100" Tin/Lead        | .000100" Tin/Lead        |
| E = .000100" Pure Tin, Matte | .000100" Pure Tin, Matte |

■ = Lead Free Plating

### MODIFICATIONS (Consult Factory)

Omit for Standard .062" [1.57] Thick Mating PCB  
-S13 = Card Extender For .062" [1.58 mm] Thick PCB  
-S734 = .032" [0.81mm] Thick Mating PCB

### MOUNTING STYLE (Opposite page)

H = .125" [3.18 mm] Clearance Holes  
N = No Mounting  
S = Side Mounting  
I = Threaded Insert  
F = Floating Bobbin

### TERMINATION TYPE (Opposite page)

RA = Right Angle  
RE = Eyelet (Standard)  
TE = Eyelet (Overall Plated Only)  
RT = .140" [3.56 mm] x .200" [5.08 mm] Dip Solder  
RY = .140" [3.56 mm] x .440" [11.18 mm] Dip Solder  
RX = .200" [5.08 mm] x .185" [4.70 mm] Dip Solder

### READOUT (Opposite page)

D = Dual  
H = Half Loaded

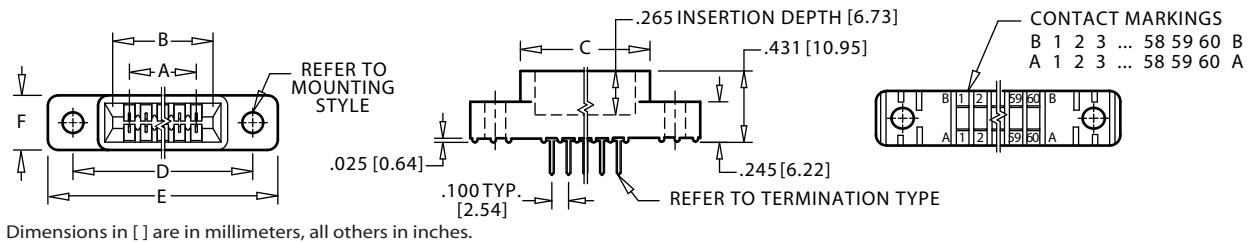
### NUMBER OF CONTACT POSITIONS

05 thru 65

### CONTACT CENTERS

C = .100" [2.54 mm]

## DIMENSIONS



| POSITIONS/<br>CONTACTS | INCHES     |            |            |            |            |            | MILLIMETERS |            |            |            |            |            |
|------------------------|------------|------------|------------|------------|------------|------------|-------------|------------|------------|------------|------------|------------|
|                        | A<br>±.008 | B<br>±.008 | C<br>±.015 | D<br>±.010 | E<br>±.020 | F<br>±.005 | A<br>±0.20  | B<br>±0.20 | C<br>±0.38 | D<br>±0.25 | E<br>±0.51 | F<br>±0.13 |
| 4/8*                   | 0.300      | 0.500      | 0.675      | 0.975      | 1.275      |            | 7.62        | 12.70      | 17.15      | 24.77      | 32.39      |            |
| 5/10                   | 0.400      | 0.600      | 0.775      | 1.075      | 1.375      |            | 10.16       | 15.24      | 19.69      | 27.31      | 34.93      |            |
| 6/12                   | 0.500      | 0.700      | 0.875      | 1.175      | 1.475      |            | 12.70       | 17.78      | 22.23      | 29.85      | 37.47      |            |
| 7/14                   | 0.600      | 0.800      | 0.975      | 1.275      | 1.575      |            | 15.24       | 20.32      | 24.77      | 32.39      | 40.01      |            |
| 8/16                   | 0.700      | 0.900      | 1.075      | 1.375      | 1.675      |            | 17.78       | 22.86      | 27.31      | 34.93      | 42.55      |            |
| 10/20                  | 0.900      | 1.100      | 1.275      | 1.575      | 1.875      |            | 22.86       | 27.94      | 32.39      | 40.01      | 47.63      |            |
| 12/24                  | 1.100      | 1.300      | 1.475      | 1.775      | 2.075      |            | 27.94       | 33.02      | 37.47      | 45.09      | 52.71      |            |
| 13/26                  | 1.200      | 1.400      | 1.575      | 1.875      | 2.175      |            | 30.48       | 35.56      | 40.01      | 47.63      | 55.25      |            |
| 15/30                  | 1.400      | 1.600      | 1.775      | 2.075      | 2.375      |            | 35.56       | 40.64      | 45.09      | 52.71      | 60.33      |            |
| 17/34                  | 1.600      | 1.800      | 1.975      | 2.275      | 2.575      |            | 40.64       | 45.72      | 50.17      | 57.79      | 65.41      |            |
| 18/36                  | 1.700      | 1.900      | 2.075      | 2.375      | 2.675      | .330       | 43.18       | 48.26      | 52.71      | 60.33      | 67.95      | 8.38       |
| 19/38                  | 1.800      | 2.000      | 2.175      | 2.475      | 2.775      |            | 45.72       | 50.80      | 55.25      | 62.87      | 70.49      |            |
| 20/40                  | 1.900      | 2.100      | 2.275      | 2.575      | 2.875      |            | 48.26       | 53.34      | 57.79      | 65.41      | 73.03      |            |
| 22/44                  | 2.100      | 2.300      | 2.475      | 2.775      | 3.075      |            | 53.34       | 58.42      | 62.87      | 70.49      | 78.11      |            |
| 23/46*                 | 2.200      | 2.400      | 2.575      | 2.875      | 3.175      |            | 55.88       | 60.96      | 65.41      | 73.03      | 80.65      |            |
| 25/50                  | 2.400      | 2.600      | 2.775      | 3.075      | 3.375      |            | 60.96       | 66.04      | 70.49      | 78.11      | 85.73      |            |
| 26/52                  | 2.500      | 2.700      | 2.875      | 3.175      | 3.475      |            | 63.50       | 68.58      | 73.03      | 80.65      | 88.27      |            |
| 28/56                  | 2.700      | 2.900      | 3.075      | 3.375      | 3.675      |            | 68.58       | 73.66      | 78.11      | 85.73      | 93.35      |            |
| 30/60                  | 2.900      | 3.100      | 3.275      | 3.575      | 3.875      |            | 73.66       | 78.74      | 83.19      | 90.81      | 98.43      |            |
| 31/62                  | 3.000      | 3.200      | 3.375      | 3.675      | 3.975      |            | 76.20       | 81.28      | 85.73      | 93.35      | 100.97     |            |
| 35/70                  | 3.400      | 3.600      | 3.775      | 4.075      | 4.375      |            | 86.36       | 91.44      | 95.89      | 103.51     | 111.13     |            |
| 36/72                  | 3.500      | 3.700      | 3.875      | 4.175      | 4.475      |            | 88.90       | 93.98      | 98.43      | 106.05     | 113.67     |            |
| 40/80                  | 3.900      | 4.100      | 4.275      | 4.575      | 4.875      |            | 99.06       | 104.14     | 108.59     | 116.21     | 123.83     |            |
| 43/86                  | 4.200      | 4.400      | 4.575      | 4.875      | 5.175      |            | 106.68      | 111.76     | 116.21     | 123.83     | 131.45     |            |
| 44/88                  | 4.300      | 4.500      | 4.675      | 4.975      | 5.275      | .400       | 109.22      | 114.30     | 118.75     | 126.37     | 133.99     | 10.16      |
| 49/98                  | 4.800      | 5.000      | 5.175      | 5.475      | 5.775      |            | 121.92      | 127.00     | 131.45     | 139.07     | 146.69     |            |
| 50/100                 | 4.900      | 5.100      | 5.275      | 5.575      | 5.875      |            | 124.46      | 129.54     | 133.99     | 141.61     | 149.23     |            |
| 52/104*                | 5.100      | 5.300      | 5.475      | 5.775      | 6.075      |            | 129.54      | 134.62     | 139.07     | 146.69     | 154.31     |            |
| 60/120                 | 5.900      | 6.100      | 6.275      | 6.575      | 6.875      |            | 149.86      | 154.94     | 159.39     | 167.01     | 174.63     |            |
| 65/130                 | 6.400      | 6.600      | 6.760      | 7.075      | 7.335      |            | 162.56      | 167.64     | 171.70     | 179.71     | 186.31     |            |

\* Consult factory for availability.

\*\* For complete part number, add readout, termination type and mounting style from Part Number Coding (e.g. EZC43DREH).

\*\*\* Request special soldering instructions before use of Pfinodal material. Low tin solder, non-aggressive flux, and special soldering method required.