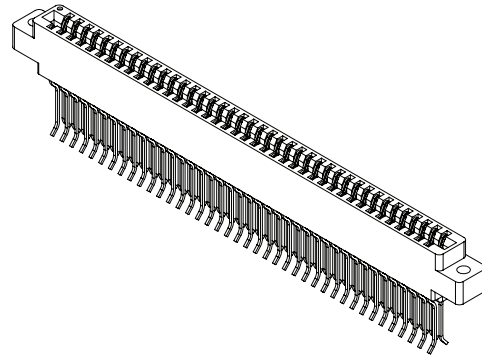




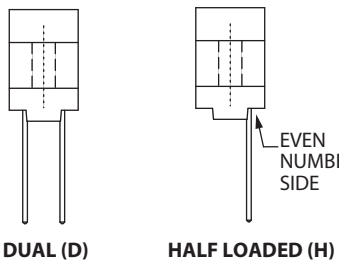
## .125" [3.18 mm] Contact Centers, .610" [15.49 mm] Insulator Height, Dip Solder/Wire Wrap/Right Angle

### SPECIFICATIONS

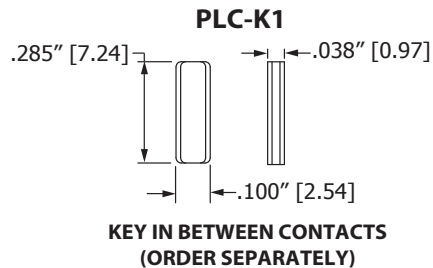
- Accommodates  $.062" \pm .008"$  [1.57 mm  $\pm$  0.20 mm] PC board  
(See following pages for  $.093" \pm .008"$  [2.36 mm  $\pm$  0.20 mm] and  $.125" \pm .008"$  [3.18 mm  $\pm$  0.20 mm] mating PCB)
- PBT, PPS or PA9T insulator
- Molded-in key available
- 3 Amps current rating for one contact energized
- 30 milli Ohms maximum at rated current
- UL Flammability Rating: 94V-0



### READOUT

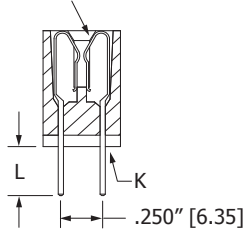


### POLARIZING KEY



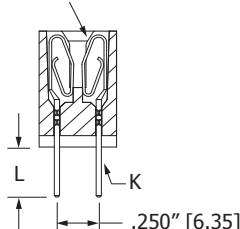
### TERMINATION TYPE

#### HAIRPIN BELLOWS

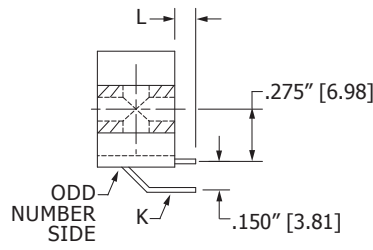


**HAIRPIN BELLOWS**  
(CS, CM, CW, CT)

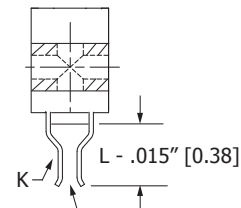
#### LOOP BELLOWS



**LOOP BELLOWS**  
(TK, RS, RM, CK)



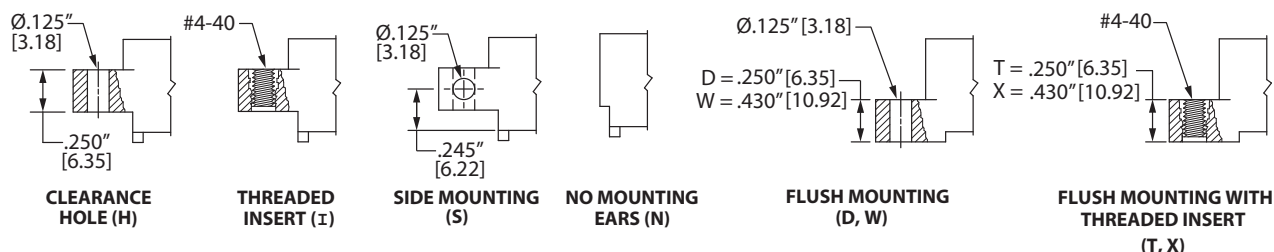
**RIGHT ANGLE, DIP SOLDER**  
(CA, CB, CC, TA, TB, TM)



**CARD EXTENDER**  
REQUIRES -S288 MODIFICATION CODE  
(CS, CM, CT, RS, CK, TK, RM)

HAIRPIN BELLOWS	LOOP BELLOWS	TERMINATION TYPE	POST CROSS SECTION K	POST LENGTH $L \pm .025"$ [0.64]	FITS MIN. HOLE SIZE
	TK, CK	DIP SOLDER	.025" [0.64] ROUND	.190" [4.83]	.033" [0.84]
	RS	DIP SOLDER	.025" [0.64] SQUARE	.190" [4.83]	.040" [1.02]
CM	RM	WIRE WRAP	.025" [0.64] SQUARE	.560" [14.20]	.040" [1.02]
CA	TA	RIGHT ANGLE	.025" [0.64] SQUARE	.100" [2.54]	.043" [1.09]
CB	TB	RIGHT ANGLE	.025" [0.64] SQUARE	.180" [4.57]	.043" [1.09]
CC	TM	RIGHT ANGLE	.025" [0.64] SQUARE	.250" [6.35]	.043" [1.09]
CW		DIP SOLDER	.015" X .025" [0.38 X 0.64]	.125" [3.18]	.035" [0.89]
CT		DIP SOLDER	.015" X .025" [0.38 X 0.64]	.170" [4.32]	.035" [0.89]
CS		DIP SOLDER	.025" [0.64] SQUARE	.160" [4.06]	.040" [1.02]

### MOUNTING STYLE





**.125" [3.18 mm] Contact Centers, .610" [15.49 mm] Insulator Height, Dip Solder/Wire Wrap/Right Angle**

### PART NUMBER OPTIONS

#### MATERIALS (INSULATOR/CONTACT)

- E = PBT/Phosphor Bronze (Standard)
  - R = PPS/Phosphor Bronze
  - G = PA9T/Phosphor Bronze
  - H = PBT/Beryllium Copper
  - A = PPS/Beryllium Copper
  - J = PA9T/Beryllium Copper
- (Consult factory for other materials.)  
Refer to Page 7 for Operating/Processing Temperatures

#### 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 |
| G = .000010" Gold            | .000005" Gold            |
| Y = .000030" Gold            | .000005" Gold            |
| Contact Surface              | Overall Plating          |
| S = .000010" Gold            | .000010" Gold            |
| M = .000030" Gold            | .000010" Gold            |
| E = .000100" Pure Tin, Matte | .000100" Pure Tin, Matte |

#### CONTACT CENTERS

- A = .125" [3.18 mm]

#### NUMBER OF CONTACT POSITIONS

See Chart Below

#### READOUT (Opposite Page)

- D = Dual
- H = Half Loaded

**E B A 50 D CM H - Sxxx**

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

-S288 = Card Extender Accepts .062" [1.57 mm] PCB

#### MOUNTING STYLE (Opposite Page)

- H = Clearance Holes
- I = Threaded Inserts
- S = Side Mounting
- N = No Mounting
- W = Flush Mounting
- D = Flush Mounting
- X = Flush Mounting with Threaded Inserts
- T = Flush Mounting with Threaded Inserts

#### TERMINATION TYPE (Opposite Page)

##### Hairpin Bellows \*\*

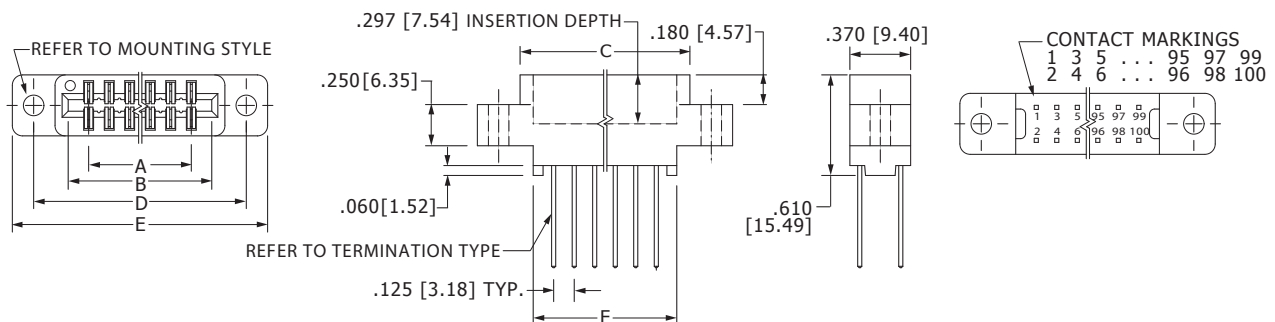
\*\*Available with B or C plating and Phosphor Bronze Only

- CS = .025" [0.64 mm] Square Dip Solder
- CM = .025" [0.64 mm] Square Wire Wrap
- CA, CB, CC = .025" [0.64 mm] Square Right Angle
- CW, CT = .015" X .025" [0.38 mm X 0.64 mm] Dip Solder

##### Loop Bellows

- RS = .025" [0.64 mm] Square Dip Solder
- CK, TK = .025" [0.64 mm] Round Dip Solder
- RM = .025" [0.64 mm] Square Wire Wrap
- TA, TB, TM = .025" [0.64 mm] Square Right Angle

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



Tolerances on non-critical dimensions may vary slightly due to shrinkage differential per insulator material; Consult factory.

POSITIONS/ CONTACTS	INCHES						MILLIMETERS					
	A±.008	B±.008	C±.015	D±.010	E±.020	F±.015	A±0.20	B±0.20	C±0.38	D±0.25	E±0.51	F±0.38
06/12	0.625	0.875	1.035	1.295	1.555	0.875	15.88	22.23	26.29	32.89	39.50	22.23
10/20	1.125	1.375	1.535	1.795	2.055	1.375	28.58	34.93	38.99	45.59	52.20	34.93
14/28	1.625	1.875	2.035	2.295	2.555	1.875	41.28	47.63	51.69	58.29	64.90	47.63
15/30	1.750	2.000	2.160	2.420	2.680	2.000	44.45	50.80	54.86	61.47	68.07	50.80
18/36	2.125	2.375	2.535	2.795	3.055	2.375	53.98	60.33	64.39	70.99	77.60	60.33
22/44	2.625	2.875	3.035	3.295	3.555	2.875	66.68	73.03	77.09	83.69	90.30	73.03
24/48	2.875	3.125	3.285	3.545	3.805	3.125	73.03	79.38	83.44	90.04	96.65	79.38
25/50*	3.000	3.250	3.410	3.670	3.930	3.250	76.20	82.55	86.61	93.22	99.82	82.55
28/56	3.375	3.625	3.785	4.045	4.305	3.625	85.73	92.08	96.14	102.74	109.35	92.08
30/60	3.625	3.875	4.035	4.295	4.555	3.875	92.08	98.43	102.49	109.09	115.70	98.43
31/62	3.750	4.000	4.160	4.420	4.680	4.000	95.25	101.60	105.66	112.27	118.87	101.60
32/64	3.875	4.125	4.285	4.545	4.805	4.125	98.43	104.78	108.84	115.44	122.05	104.78
35/70	4.250	4.500	4.660	4.920	5.180	4.500	107.95	114.30	118.36	124.97	131.57	114.30
36/72	4.375	4.625	4.785	5.045	5.305	4.625	111.13	117.48	121.54	128.14	134.75	117.48
40/80	4.875	5.125	5.285	5.545	5.805	5.125	123.83	130.18	134.24	140.84	147.45	130.18
43/86	5.250	5.500	5.660	5.920	6.180	5.500	133.35	139.70	143.76	150.37	156.97	139.70
44/88	5.375	5.625	5.785	6.045	6.305	5.625	136.53	142.88	146.94	153.54	160.15	142.88
49/98	6.000	6.250	6.410	6.670	6.930	6.250	152.40	158.75	162.81	169.42	176.02	158.75
50/100	6.125	6.375	6.535	6.795	7.055	6.375	155.58	161.93	165.99	172.59	179.20	161.93

\* Consult factory for availability.