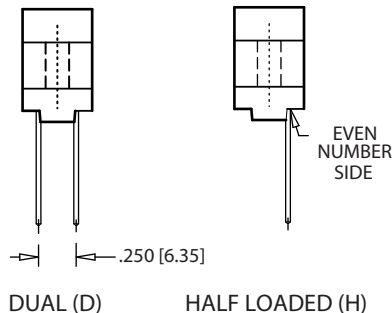


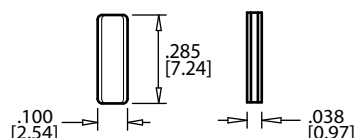
.125" [3.18mm] CONTACT CENTERS .610" INSULATOR HEIGHT

READOUT

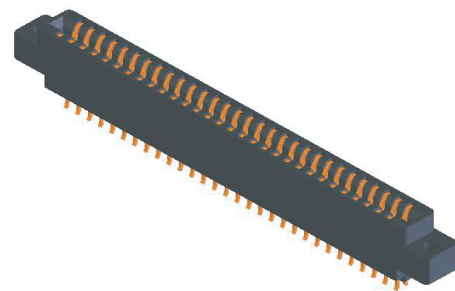


POLARIZING KEYS

PLC-K1
KEY IN BETWEEN CONTACTS
(ORDER SEPARATELY)



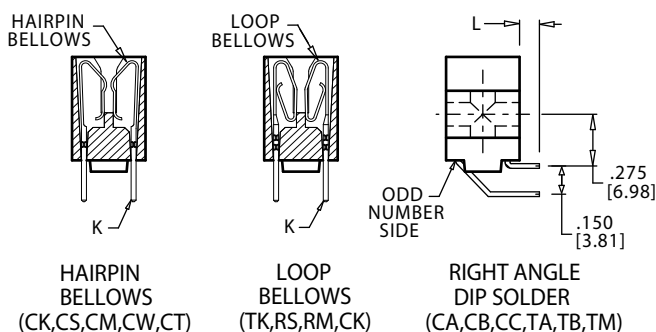
CONSULT FACTORY FOR MOLDED-IN KEY



FEATURES

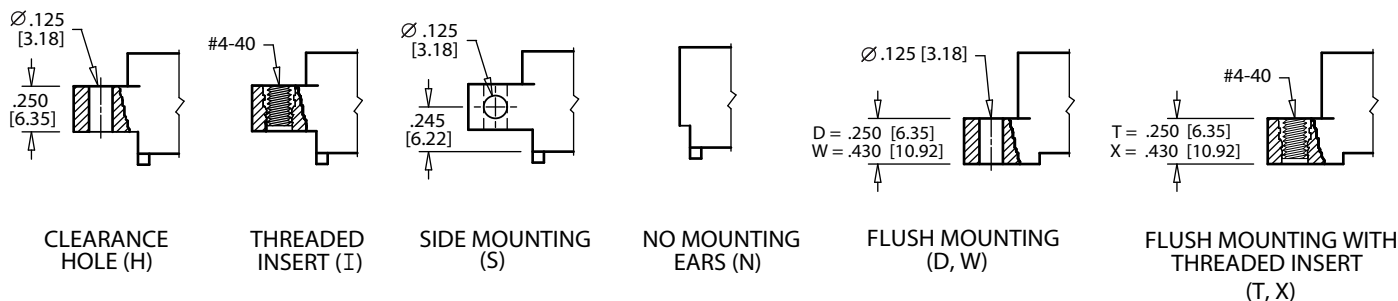
- * Accommodates .062 ±.008" PC board
(Consult factory for .032", .093" and .125" boards)
- * PBT, PPS or PA9T insulator
- * Molded-in key available
- * 3 amp current rating
- * 10 milli ohm maximum at rated current
- * Consult Factory for (MBB) Contacts

TERMINATION TYPE



BELLOWS HAIRPIN LOOP	TERMINATION TYPE	POST CROSS SECTION K	POST LENGTH L ±.025 [.64]	FITS MIN. HOLE SIZE
CM	CK, TK RS	DIP SOLDER	.026 [.66] ROUND	.190 [4.83]
		DIP SOLDER	.025 [.64] SQUARE	.190 [4.83]
CM	RM	WIRE WRAP	.025 [.64] SQUARE	.560 [14.20]
CA	TA	RIGHT ANGLE	.025 [.64] SQUARE	.100 [2.54]
CB	TB	RIGHT ANGLE	.025 [.64] SQUARE	.180 [4.57]
CC	TM	RIGHT ANGLE	.025 [.64] SQUARE	.250 [6.35]
CW CT		DIP SOLDER	.015 X .025 [.38 X .64]	.125 [3.18]
		DIP SOLDER	.015 X .025 [.38 X .64]	.170 [4.32]
CS		DIP SOLDER	.025 [.64] SQUARE	.160 [4.06]

MOUNTING STYLE



.125" [3.18mm] CONTACT CENTERS, .610" INSULATOR HEIGHT

PART NUMBER CODING **

MATERIALS (Insulator/Contact)
E = PBT/Phosphor Bronze (Standard)
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
Z = .000010" Gold
X = .000030" Gold
G = .000010" Gold
Y = .000030" Gold
B = .000010" Gold
C = .000030" Gold

Termination
.000100" Tin/Lead
.000100" Tin/Lead
.000005" Gold
.000005" Gold
.000100" Pure Tin, Matte
.000100" Pure Tin, Matte

Overall Plating
S = .000010" Gold
M = .000030" Gold
T = .000100" Tin/Lead
E = .000100" Pure Tin, Matte

CONTACT CENTERS
A = .125" [3.18 mm]

NUMBER OF CONTACT POSITIONS
06 thru 50

MODIFICATIONS (Consult Factory)

Omit for Standard
-S189 = .200" [5.08 mm] Row to Row on Right Angle
-S288 = Card Extender for .062" [1.58mm] PC Board

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***
CS = .025" [.64 mm] Square Dip Solder
CM = .025" [.64 mm] Square Wire Wrap
CA, CB, CC = Right Angle
CW, CT = .015" x .025" Dip Solder

Loop Bellows
RS = .025" [.64 mm] Square Dip Solder
CK, TK = .026" [.66 mm] Round Dip Solder (Phosphor Bronze Only)
RM = .025" [.64 mm] Square Wire Wrap
TA, TB, TM = Right Angle

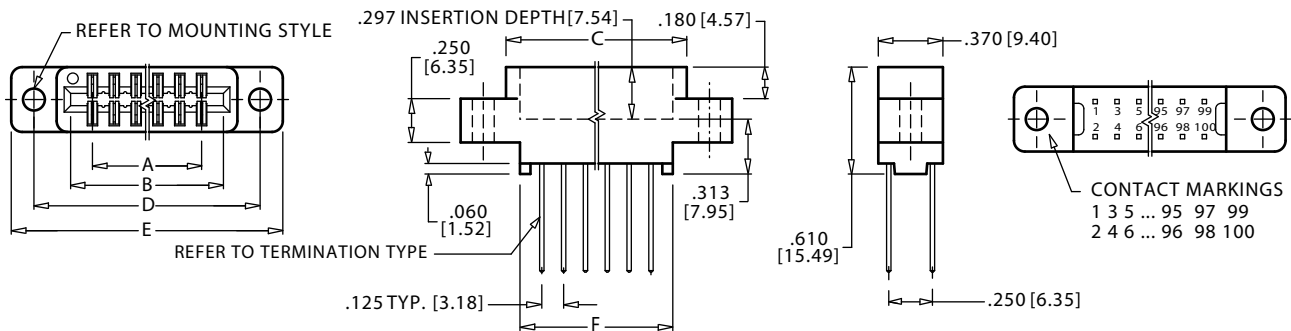
READOUT (Opposite Page)

D = Dual
H = Half Loaded

DIMENSIONS

— = Lead Free

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



POSITIONS/ CONTACTS	INCHES						MILLIMETERS					
	A ± .008	B ± .008	C ± 0.15	D ± 0.10	E ± 0.20	F ± 0.05	A ± 0.20	B ± 0.20	C ± 0.38	D ± 0.25	E ± 0.51	F ± 0.13
6/12	0.625	0.875	1.035	1.295	1.555	0.875	15.88	22.23	26.29	32.89	39.50	22.23
20/10	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.

** For complete part number add readout, termination type and mounting style from Part Number Coding(e.g. EZA50DCMH).

*** Available with B, C, Z, or X Plating Only. Phosphor Bronze Only.