



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

SPECIFICATIONS

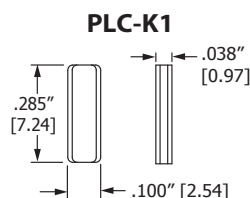
- Accommodates .062" $\pm$.008" [1.57 mm $\pm$ 0.20 mm] PC board (See following pages for .093" $\pm$.008" [2.36 mm $\pm$ 0.20 mm] and .125" $\pm$.008" [3.18 mm $\pm$ 0.20 mm] mating PCB)
- PBT, PPS or PA9T insulator
- Molded-in key available
- 3 Amps current rating for one contact energized
- 30 milli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



READOUT



POLARIZING KEY



KEY IN BETWEEN CONTACTS
(ORDER SEPARATELY)

TERMINATION TYPE

HAIRPIN BELLOWS



HAIRPIN BELLOWS
(CS,CM,CW,CT)

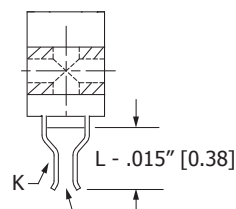
LOOP BELLOWS



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



CLEARANCE HOLE (H)



THREADED INSERT (I)



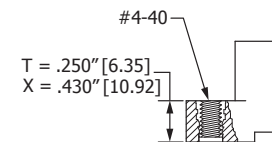
SIDE MOUNTING (S)



NO MOUNTING EARS (N)



FLUSH MOUNTING (D, W)



FLUSH MOUNTING WITH THREADED INSERT (T, X)



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

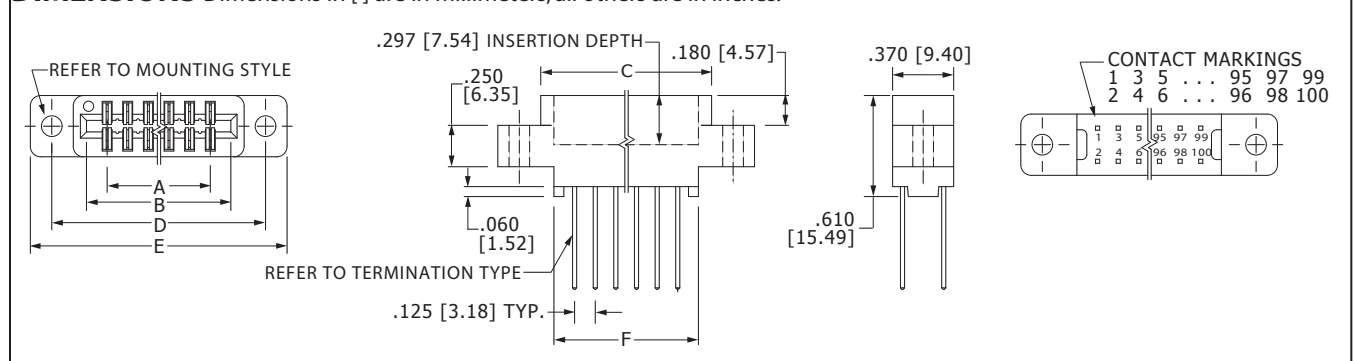
RS = .025" [0.64 mm] Square Dip Solder

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.