



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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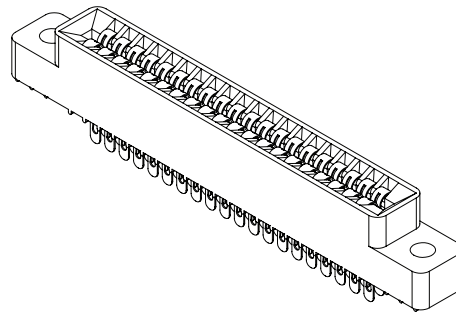




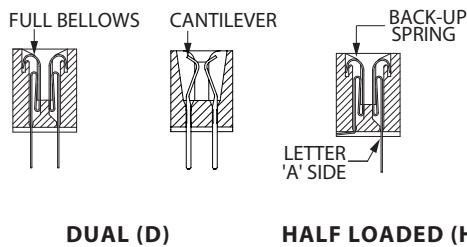
**.100" [2.54 mm] Contact Centers, .431" [10.95 mm] Insulator Height,
Dip Solder/Eyelet/Right Angle for .062" [1.57 mm] or .031" [0.79 mm] Mating PCB**

SPECIFICATIONS

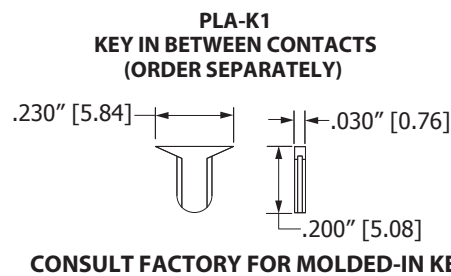
- Accommodates .062" ± .008" [1.57 mm ± 0.20 mm] or .031" ± .006" [0.79 mm ± 0.15 mm] mating PCB (for .093" [2.36 mm] PC board see following pages)
- PBT, PPS, PA9T or PEEK insulator
- Molded-in key available
- 3 Amps current rating for one contact energized
- 30 milli Ohms maximum at rated current
- UL Flammability Rating: 94V-0



READOUT



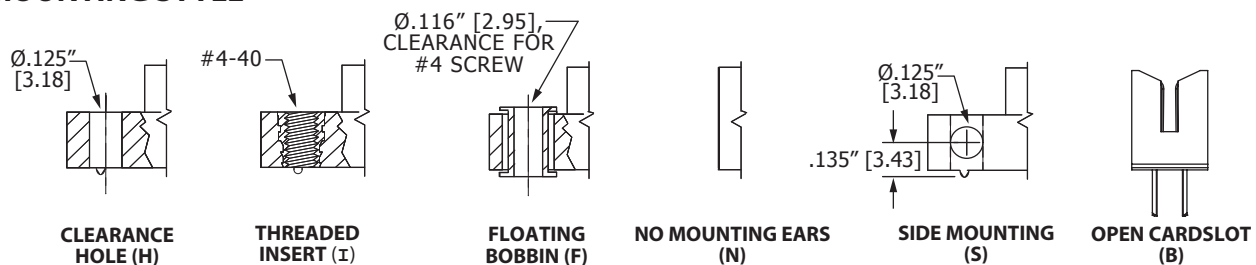
POLARIZING KEYS (For .062" Mating PCB Only)



TERMINATION TYPE

FULL BELLOW	TAIL LENGTH	ROW SPACING	MIN HOLE SIZE	CANTILEVER									
	RIGHT ANGLE			<table border="1"> <thead> <tr> <th>TAIL LENGTH</th> <th>ROW SPACING</th> <th>MIN HOLE SIZE</th> </tr> </thead> <tbody> <tr> <td>.200" [5.08] (ET)</td> <td>.140" [3.56]</td> <td>Ø.040" [1.02]</td> </tr> <tr> <td>.440" [11.19] (EY)</td> <td>.140" [3.56]</td> <td>Ø.040" [1.02]</td> </tr> </tbody> </table>	TAIL LENGTH	ROW SPACING	MIN HOLE SIZE	.200" [5.08] (ET)	.140" [3.56]	Ø.040" [1.02]	.440" [11.19] (EY)	.140" [3.56]	Ø.040" [1.02]
	TAIL LENGTH	ROW SPACING	MIN HOLE SIZE										
.200" [5.08] (ET)	.140" [3.56]	Ø.040" [1.02]											
.440" [11.19] (EY)	.140" [3.56]	Ø.040" [1.02]											
.125" [3.18] (RA)	.156" [3.96]	Ø.043" [1.09]											
	STRAIGHT			FULL BELLOW STRAIGHT EYELET ACCEPTS 3-#26 AWG 									
	.200" [5.08] (RT)	.140" [3.56]	Ø.043" [1.09]										
	.440" [11.19] (RY)	.140" [3.56]	Ø.043" [1.09]										
	.185" [4.70] (RX)	.200" [5.08]	Ø.043" [1.09]										
	.165" [4.19] (RJ)	.250" [6.35]	Ø.043" [1.09]										
	CRIMP TO CENTER (SX)			CARD EXTENDER ACCEPTS .062" [1.57] PCB <table border="1"> <thead> <tr> <th>TAIL LENGTH</th> <th>MODIFICATION CODE</th> </tr> </thead> <tbody> <tr> <td>.210" [5.33] EYELET (RE)</td> <td>-S13</td> </tr> <tr> <td>.185" [4.70] (RT)</td> <td>-S13</td> </tr> <tr> <td>.425" [10.80] (RY)</td> <td>-S13</td> </tr> </tbody> </table>	TAIL LENGTH	MODIFICATION CODE	.210" [5.33] EYELET (RE)	-S13	.185" [4.70] (RT)	-S13	.425" [10.80] (RY)	-S13	
	TAIL LENGTH	MODIFICATION CODE											
.210" [5.33] EYELET (RE)	-S13												
.185" [4.70] (RT)	-S13												
.425" [10.80] (RY)	-S13												
.160" [4.06]		Ø.043" [1.09]											

MOUNTING STYLE





.100" [2.54 mm] Contact Centers, .431" [10.95 mm] Insulator Height, Dip Solder/Eyelet/Right Angle for .062" [1.57 mm] or .031" [0.79 mm] Mating PCB

Female Card Edge

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
- *F = PPS/Spinodal (Overall Gold Plating Only)
Consult Factory for Special Soldering Guidelines
- *C = PPS/Beryllium Nickel (Overall Gold Plating Only)
- *W = PEEK/Beryllium Nickel (Overall Gold Plating Only)
- *Consult factory for availability.
- 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

- C = .100" [2.54 mm]

E B C 43 D RE H - Sxxx

MODIFICATIONS (Consult Factory)

- OMIT FOR STANDARD
- S13 = Card Extender Accepts .062" [1.57 mm] PCB (RE, RT, RY Terminations Only)
- S734 = .031"±.006" [0.79 mm ± 0.15 mm] Mating PCB
- S924 = Surface Mount

MOUNTING STYLE (Opposite Page)

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

TERMINATION TYPE (Opposite Page)

- RA = Right Angle
- RE = Eyelet (Standard)
- TE = Eyelet (Overall Plated Only)
- **ET, RT = .140" [3.56 mm] X .200" [5.08 mm] Dip Solder
- **EY, RY = .140" [3.56 mm] X .440" [11.19 mm] Dip Solder
- RX = .200" [5.08 mm] X .185" [4.70 mm] Dip Solder
- RJ = .250" [6.35 mm] X .165" [4.19 mm] Dip Solder
- SX = .110" [2.79 mm] Centered Dip Solder

READOUT (Opposite Page)

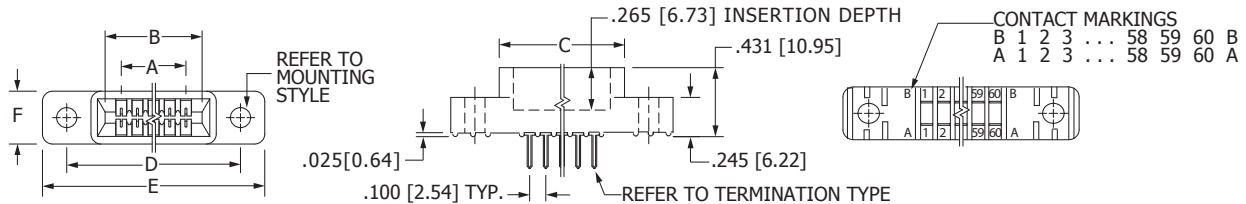
- D = Dual
- H = Half Loaded

NUMBER OF CONTACT POSITIONS

See Chart Below

**'ET' & 'EY' Only available in 'B' & 'C' Plating code

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+.005/- .015	A±0.20	B±0.20	C±0.38	D±0.25	E±0.51	F+0.13/-0.38
04/08*	0.300	0.500	0.675	0.975	1.275		7.62	12.70	17.15	24.77	32.39	
05/10	0.400	0.600	0.775	1.075	1.375		10.16	15.24	19.69	27.31	34.93	
06/12	0.500	0.700	0.875	1.175	1.475		12.70	17.78	22.23	29.85	37.47	
07/14	0.600	0.800	0.975	1.275	1.575		15.24	20.32	24.77	32.39	40.01	
08/16	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	0.330	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		109.22	114.30	118.75	126.37	133.99	
49/98	4.800	5.000	5.175	5.475	5.775	0.400	121.92	127.00	131.45	139.07	146.69	10.16
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	6.775	7.075	7.375		162.56	167.64	172.09	179.71	187.33	

* Consult factory for availability.