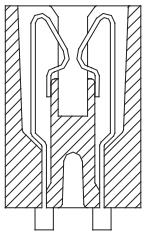
1.00 mm [.039"] Contact Centers, 15.49 mm [.610"] Insulator Height, Dip Solder/Card Extender/SMT

SPECIFICATIONS

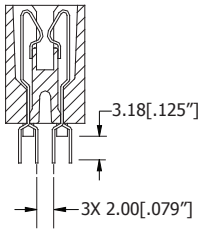
- Accommodates 1.57 mm ± 0.20 mm [.062" ± .008"] PC board
- PPS or PA9T insulator
- Molded-in key available
- 1 Amp current rating per contact for contacts fully energized
- Highly reliable high cycle hairpin bellow contacts
- UL Flammability Rating: 94V-0

READOUT

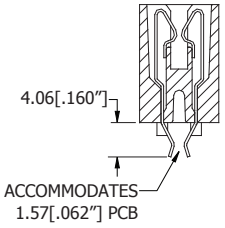


DUAL (D)

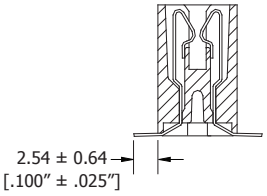
TERMINATION TYPE



STAGGERED DIP SOLDER (HH)

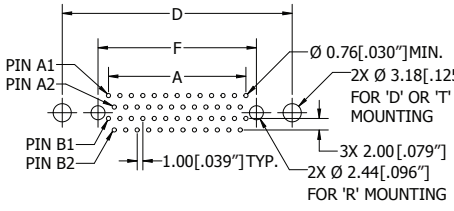


CARD EXTENDER (HR)

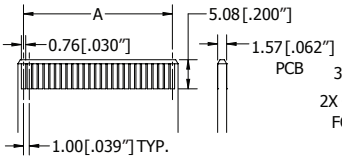


SURFACE MOUNT (HF)

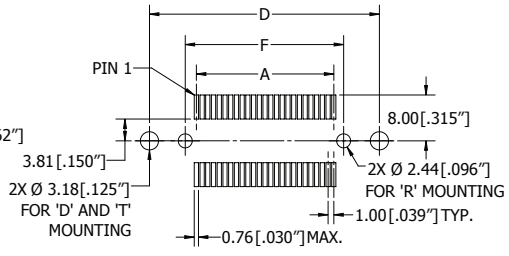
PCB LAYOUT



STAGGERED DIP SOLDER (HH)

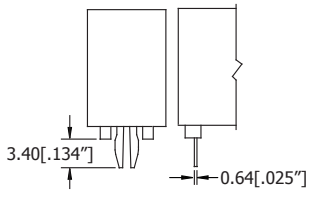


CARD EXTENDER (HR)

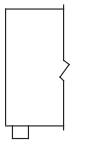


SURFACE MOUNT (HF)

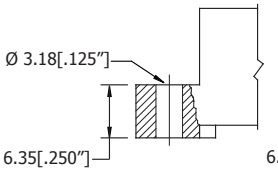
MOUNTING STYLE



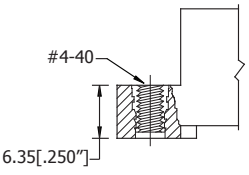
BOARD LOCK (R)
(with no mounting ears)



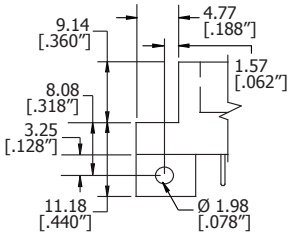
NO MOUNTING EARS (N)



FLUSH MOUNTING (D)



THREADED INSERT (T)



STRADDLE MOUNT (Q)

1.00 mm [.039"] Contact Centers, 15.49 mm [.610"] Insulator Height, Dip Solder/Card Extender/SMT

PART NUMBER OPTIONS

G B E 50 D HH D - Sxxx

MATERIALS (INSULATOR/CONTACT)
G = PA9T/Phosphor Bronze
R = PPS/Phosphor Bronze
J = PA9T/Beryllium Copper
A = PPS/Beryllium Copper
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

CONTACT CENTERS
E = 1.00 mm [.039"]

NUMBER OF CONTACT POSITIONS
See Chart Below

READOUT (Opposite Page)
D = Dual

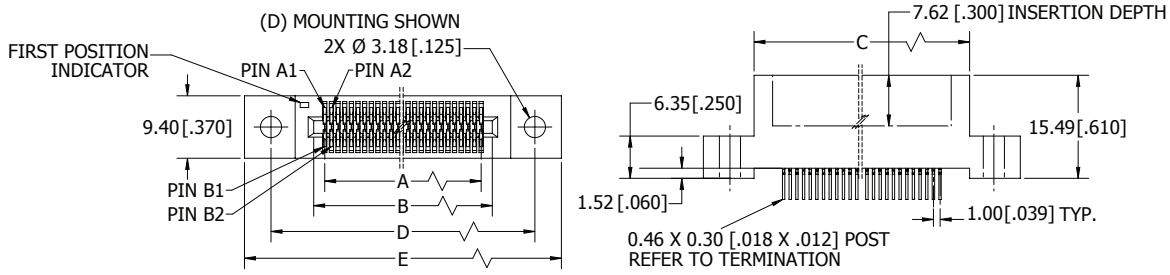
TERMINATION TYPE (Opposite Page)
HH = Staggered Dip Solder
HR = Card Extender
HF = Surface Mount

MOUNTING STYLE (Opposite Page)
D = Flush Mounting
N = No Mounting
R = Metal Board Locks (HH & HF Termination Only)
T = Flush Mounting, #4-40 Threaded Insert
Q = Straddle Mount (HR Termination Only)

MODIFICATION CODE (Consult Factory)
OMIT FOR STANDARD

DIMENSIONS

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



POSITIONS/ CONTACTS	MILLIMETERS						INCHES					
	A±0.13	B±0.13	C±0.38	D±0.25	E±0.51	F±0.25	A±.005	B±.005	C±.015	D±.010	E±.020	F±.010
02/04*	1.00	4.32	9.89	17.15	25.13	4.66	0.039	0.170	0.389	0.675	0.989	0.183
03/06*	2.00	5.32	10.89	18.15	26.13	5.66	0.079	0.210	0.429	0.715	1.029	0.223
04/08*	3.00	6.32	11.89	19.15	27.13	6.66	0.118	0.249	0.468	0.754	1.068	0.262
05/10	4.00	7.32	12.89	20.15	28.13	7.66	0.157	0.288	0.507	0.793	1.107	0.301
06/12*	5.00	8.32	13.89	21.15	29.13	8.66	0.197	0.328	0.547	0.833	1.147	0.341
07/14*	6.00	9.32	14.89	22.15	30.13	9.66	0.236	0.367	0.586	0.872	1.186	0.380
08/16*	7.00	10.32	15.89	23.15	31.13	10.66	0.276	0.407	0.626	0.912	1.226	0.420
09/18*	8.00	11.32	16.89	24.15	32.13	11.66	0.315	0.446	0.665	0.951	1.265	0.459
10/20	9.00	12.32	17.89	25.15	33.13	12.66	0.354	0.485	0.704	0.990	1.304	0.498
11/22*	10.00	13.32	18.89	26.15	34.13	13.66	0.394	0.525	0.744	1.030	1.344	0.538
12/24	11.00	14.32	19.89	27.15	35.13	14.66	0.433	0.564	0.783	1.069	1.383	0.577
13/26*	12.00	15.32	20.89	28.15	36.13	15.66	0.472	0.603	0.822	1.108	1.422	0.616
14/28*	13.00	16.32	21.89	29.15	37.13	16.66	0.512	0.643	0.862	1.148	1.462	0.656
15/30	14.00	17.32	22.89	30.15	38.13	17.66	0.551	0.682	0.901	1.187	1.501	0.695
16/32	15.00	18.32	23.89	31.15	39.13	18.66	0.591	0.722	0.941	1.227	1.541	0.735
17/34*	16.00	19.32	24.89	32.15	40.13	19.66	0.630	0.761	0.980	1.266	1.580	0.774
18/36*	17.00	20.32	25.89	33.15	41.13	20.66	0.669	0.800	1.019	1.305	1.619	0.813
19/38*	18.00	21.32	26.89	34.15	42.13	21.66	0.709	0.840	1.059	1.345	1.659	0.853
20/40	19.00	22.32	27.89	35.15	43.13	22.66	0.748	0.879	1.098	1.384	1.698	0.892
21/42*	20.00	23.32	28.89	36.15	44.13	23.66	0.787	0.918	1.137	1.423	1.737	0.931
22/44*	21.00	24.32	29.89	37.15	45.13	24.66	0.827	0.958	1.177	1.463	1.777	0.971
23/46*	22.00	25.32	30.89	38.15	46.13	25.66	0.866	0.997	1.216	1.502	1.816	1.010
24/48*	23.00	26.32	31.89	39.15	47.13	26.66	0.906	1.037	1.256	1.542	1.856	1.050
25/50	24.00	27.32	32.89	40.15	48.13	27.66	0.945	1.076	1.295	1.581	1.895	1.089
26/52*	25.00	28.32	33.89	41.15	49.13	28.66	0.984	1.115	1.334	1.620	1.934	1.128
27/54*	26.00	29.32	34.89	42.15	50.13	29.66	1.024	1.155	1.374	1.660	1.974	1.168
28/56*	27.00	30.32	35.89	43.15	51.13	30.66	1.063	1.194	1.413	1.699	2.013	1.207
29/58*	28.00	31.32	36.89	44.15	52.13	31.66	1.102	1.233	1.452	1.738	2.052	1.246
30/60	29.00	32.32	37.89	45.15	53.13	32.66	1.142	1.273	1.492	1.778	2.092	1.286
31/62*	30.00	33.32	38.89	46.15	54.13	33.66	1.181	1.312	1.531	1.817	2.131	1.325
32/64*	31.00	34.32	39.89	47.15	55.13	34.66	1.220	1.351	1.570	1.856	2.170	1.364
33/66*	32.00	35.32	40.89	48.15	56.13	35.66	1.260	1.391	1.610	1.896	2.210	1.404
34/68*	33.00	36.32	41.89	49.15	57.13	36.66	1.299	1.430	1.649	1.935	2.249	1.443
35/70	34.00	37.32	42.89	50.15	58.13	37.66	1.339	1.470	1.689	1.975	2.289	1.483
36/72*	35.00	38.32	43.89	51.15	59.13	38.66	1.378	1.509	1.728	2.014	2.328	1.522
37/74*	36.00	39.32	44.89	52.15	60.13	39.66	1.417	1.548	1.767	2.053	2.367	1.561
38/76*	37.00	40.32	45.89	53.15	61.13	40.66	1.457	1.588	1.807	2.093	2.407	1.601
39/78*	38.00	41.32	46.89	54.15	62.13	41.66	1.496	1.627	1.846	2.132	2.446	1.640
40/80	39.00	42.32	47.89	55.15	63.13	42.66	1.535	1.666	1.885	2.171	2.485	1.679
41/82*	40.00	43.32	48.89	56.15	64.13	43.66	1.575	1.706	1.925	2.211	2.525	1.719
42/84*	41.00	44.32	49.89	57.15	65.13	44.66	1.614	1.745	1.964	2.250	2.564	1.758
43/86*	42.00	45.32	50.89	58.15	66.13	45.66	1.654	1.785	2.004	2.290	2.604	1.798
44/88*	43.00	46.32	51.89	59.15	67.13	46.66	1.693	1.824	2.043	2.329	2.643	1.837
45/90	44.00	47.32	52.89	60.15	68.13	47.66	1.732	1.863	2.082	2.368	2.682	1.876
46/92*	45.00	48.32	53.89	61.15	69.13	48.66	1.772	1.903	2.122	2.408	2.722	1.916
47/94*	46.00	49.32	54.89	62.15	70.13	49.66	1.811	1.942	2.161	2.447	2.761	1.955
48/96*	47.00	50.32	55.89	63.15	71.13	50.66	1.850	1.981	2.200	2.486	2.800	1.994
49/98*	48.00	51.32	56.89	64.15	72.13	51.66	1.890	2.021	2.240	2.526	2.840	2.034
50/100	49.00	52.32	57.89	65.15	73.13	52.66	1.929	2.060	2.279	2.565	2.879	2.073

* Consult factory for availability.