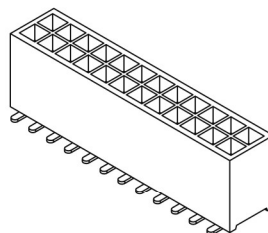




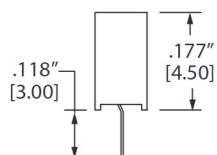
## .050" [1.27 mm] Contact Centers, Female Headers, Straight/Right Angle/SMT

### SPECIFICATIONS

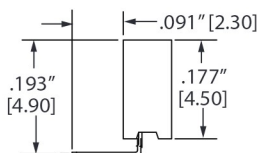
- Insulator Material: LCP
- Contact Material: Phosphor Bronze
- Plating: Gold Flash Overall
- 1 Amp current rating
- UL Flammability Rating: 94V-0



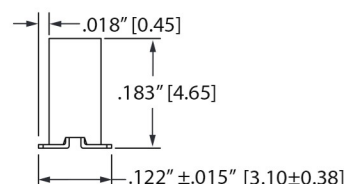
### TERMINATION TYPE



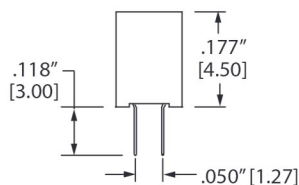
**SINGLE ROW,  
STRAIGHT  
(NFFN)**



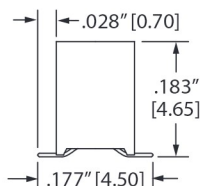
**SINGLE ROW,  
RIGHT ANGLE  
(NGCN)**



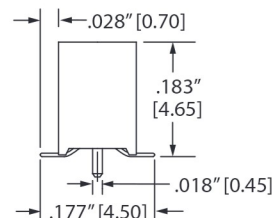
**SINGLE ROW,  
SMT  
(NFSC, NFSD)**



**DUAL ROW,  
STRAIGHT  
(CFFN)**

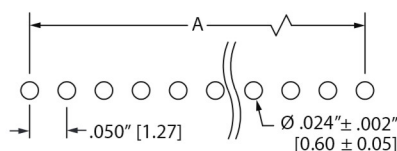


**DUAL ROW,  
SMT Without Guide Posts  
(NFSS)**

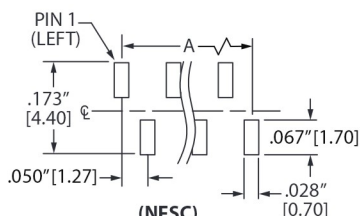


**DUAL ROW,  
SMT With Guide Posts  
(NFSP)**

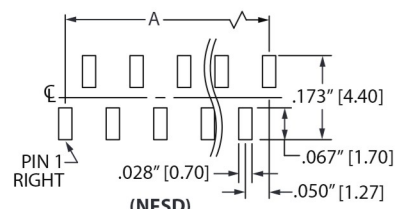
### PCB LAYOUT



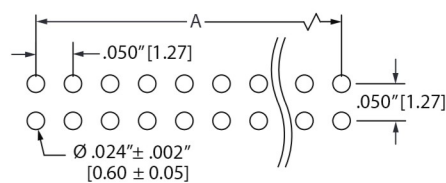
**(NFFN, NGCN)**



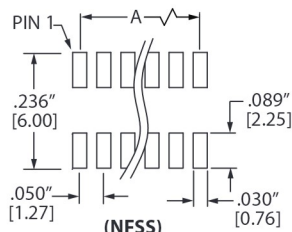
**(NFSC)**



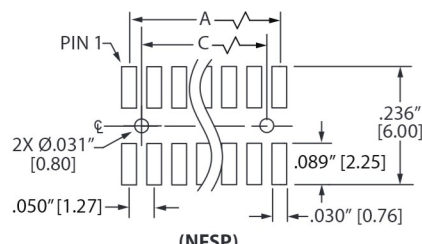
**(NFSD)**



**(CFFN)**



**(NFSS)**



**(NFSP)**

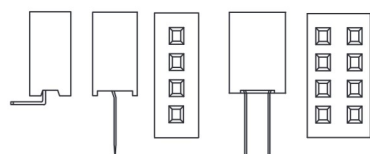
### MOUNTING STYLE

#### SINGLE ROW

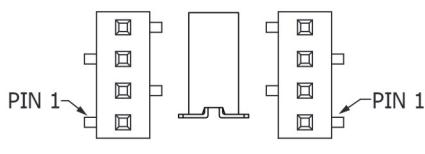
#### DUAL ROW

#### SINGLE ROW

#### DUAL ROW

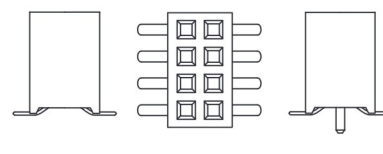


**NO MOUNTING  
(N)**



**SMT, Pin 1 Left  
(C)**

**SMT, Pin 1 Right  
(D)**



**SMT Without Guide Post  
(S)**

**SMT With Guide Post  
(P)**

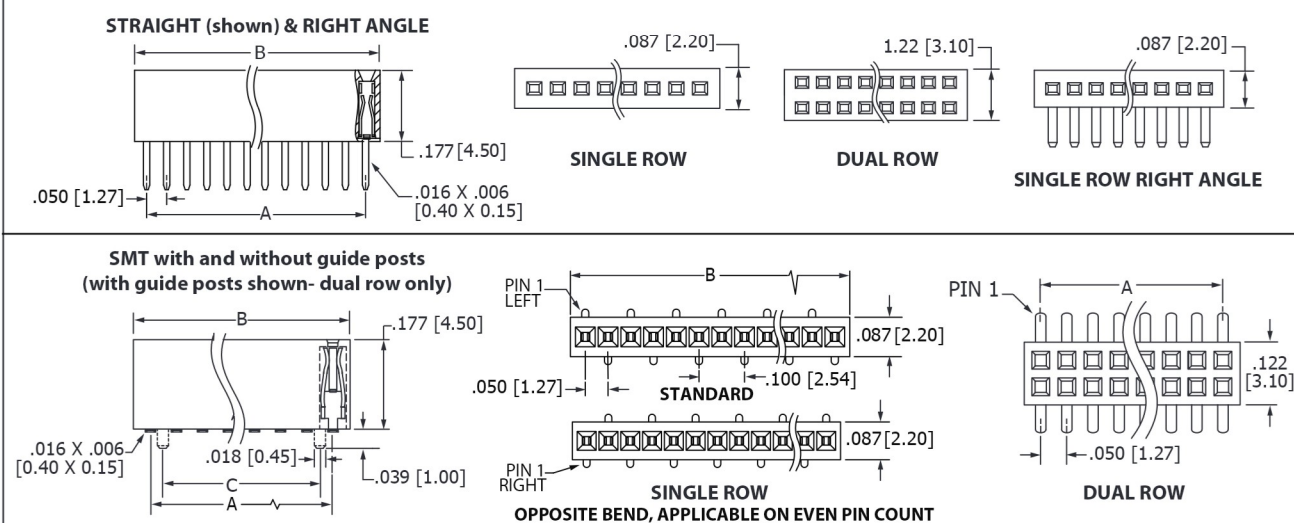


### .050" [1.27 mm] Contact Centers, Female Headers, Straight/Right Angle/SMT

#### PART NUMBER OPTIONS

<b>INSULATOR MATERIAL</b> L = LCP	<b>CONTACT MATERIAL</b> P = Phosphor Bronze	<b>CONTACT FINISH - RoHS Compliant</b> P = Gold Flash Overall	<b>CONTACT CENTERS</b> B = .050" [1.27 mm]	<b>NUMBER OF POSITIONS</b> Positions Available	<b>Termination</b> 2 Thru 50 = NFFN, NGCN, NFSC, NFSD, Single Row 2 Thru 50 = CFFN, NFSS, Dual Row 3 Thru 50 = NFSP, Dual Row	<b>xx</b>	<b>1</b>	<b>NFF</b>	<b>N</b>	<b>- RC</b>	<b>RoHS COMPLIANT</b> Consult Factory For Modifications	<b>MOUNTING STYLE</b> N = No Mounting C = Surface Mount, Pin 1 Left (Single Row Only) D = Surface Mount, Pin 1 Right (Single Row Only) S = Surface Mount without Guide Posts (Dual Row Only) P = Surface Mount with Guide Posts (Dual Row Only)	<b>TERMINATION TYPE</b> (See Opposite Page) NFF, CFF, NGC, NFS	<b>NUMBER OF ROWS</b> 1 = Single Row 2 = Dual Row
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#### DIMENSIONS Dimensions in [ ] are in millimeters, all others are in inches.



POSITIONS	NUMBER OF CONTACTS SINGLE/DUAL	A		B		C		POSITIONS	NUMBER OF CONTACTS SINGLE/DUAL	A		B		C	
		in	mm	in	mm	in	mm			in	mm	in	mm	in	mm
02	2/4	.050	1.27	0.116	2.94	N/A		27	27/54	1.300	33.02	1.366	34.69	1.250	31.75
03	3/6	.100	2.54	0.166	4.21	.050	1.27	28	28/56	1.350	34.29	1.416	35.96	1.300	33.02
04	4/8	.150	3.81	0.216	5.48	.100	2.54	29	29/58	1.400	35.56	1.466	37.23	1.350	34.29
05	5/10	.200	5.08	0.266	6.75	.150	3.81	30	30/60	1.450	36.83	1.516	38.50	1.400	35.56
06	6/12	.250	6.35	0.316	8.02	.200	5.08	31	31/62	1.500	38.10	1.566	39.77	1.450	36.83
07	7/14	.300	7.62	0.366	9.29	.250	6.35	32	32/64	1.550	39.37	1.616	41.04	1.500	38.10
08	8/16	.350	8.89	0.416	10.56	.300	7.62	33	33/66	1.600	40.64	1.666	42.31	1.550	39.37
09	9/18	.400	10.16	0.466	11.83	.350	8.89	34	34/68	1.650	41.91	1.716	43.58	1.600	40.64
10	10/20	.450	11.43	0.516	13.10	.400	10.16	35	35/70	1.700	43.18	1.766	44.85	1.650	41.91
11	11/22	.500	12.70	0.566	14.37	.450	11.43	36	36/72	1.750	44.45	1.816	46.12	1.700	43.18
12	12/24	.550	13.97	0.616	15.64	.500	12.70	37	37/74	1.800	45.72	1.866	47.39	1.750	44.45
13	13/26	.600	15.24	0.666	16.91	.550	13.97	38	38/76	1.850	46.99	1.916	48.66	1.800	45.72
14	14/28	.650	16.51	0.716	18.18	.600	15.24	39	39/78	1.900	48.26	1.966	49.93	1.850	46.99
15	15/30	.700	17.78	0.766	19.45	.650	16.51	40	40/80	1.950	49.53	2.016	51.20	1.900	48.26
16	16/32	.750	19.05	0.816	20.72	.700	17.78	41	41/82	2.000	50.80	2.066	52.47	1.950	49.53
17	17/34	.800	20.32	0.866	21.99	.750	19.05	42	42/84	2.050	52.07	2.116	53.74	2.000	50.80
18	18/36	.850	21.59	0.916	23.26	.800	20.32	43	43/86	2.100	53.34	2.166	55.01	2.050	52.07
19	19/38	.900	22.86	0.966	24.53	.850	21.59	44	44/88	2.150	54.61	2.216	56.28	2.100	53.34
20	20/40	.950	24.13	1.016	25.80	.900	22.86	45	45/90	2.200	55.88	2.266	57.55	2.150	54.61
21	21/42	1.000	25.40	1.066	27.07	.950	24.13	46	46/92	2.250	57.15	2.316	58.82	2.200	55.88
22	22/44	1.050	26.67	1.116	28.34	1.000	25.40	47	47/94	2.300	58.42	2.366	60.09	2.250	57.15
23	23/46	1.100	27.94	1.166	29.61	1.050	26.67	48	48/96	2.350	59.69	2.416	61.36	2.300	58.42
24	24/48	1.150	29.21	1.216	30.88	1.100	27.94	49	49/98	2.400	60.96	2.466	62.63	2.350	59.69
25	25/50	1.200	30.48	1.266	32.15	1.150	29.21	50	50/100	2.450	62.23	2.516	63.90	2.400	60.96
26	26/52	1.250	31.75	1.316	33.42	1.200	30.48								