



**THE DATASHEET OF  
LPPB051NFSC-RC**

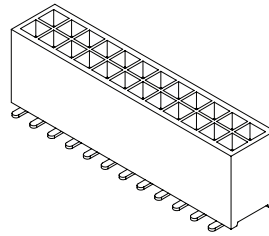




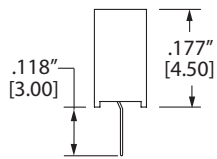
## .050" [1.27 mm] Contact Centers, Female Headers, Straight/Right Angle/SMT

### SPECIFICATIONS

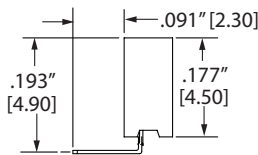
- Insulator Material: LCP
- Contact Material: Phosphor Bronze
- Plating: Gold Flash Overall
- 1 Amp current rating
- UL Flammability Rating: 94V-0



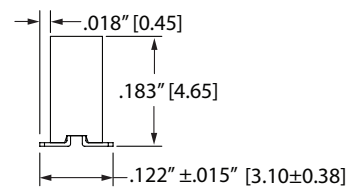
### TERMINATION TYPE



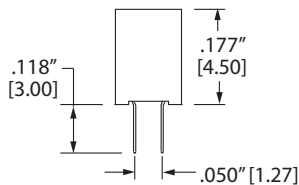
**SINGLE ROW, STRAIGHT (NFFN)**



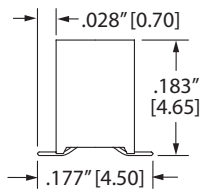
**SINGLE ROW, RIGHT ANGLE (NGCN)**



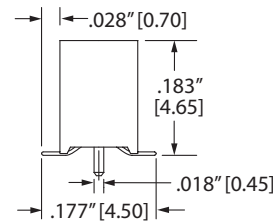
**SINGLE ROW, SMT (NFSC, NFSD)**



**DUAL ROW, STRAIGHT (CFFN)**

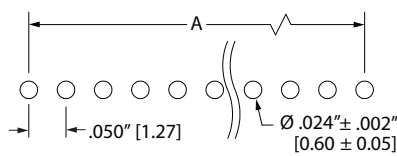


**DUAL ROW, SMT Without Guide Posts (NFSS)**

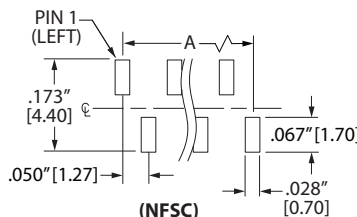


**DUAL ROW, SMT With Guide Posts (NFSP)**

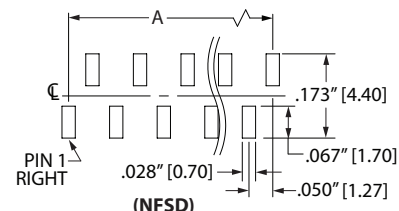
### PCB LAYOUT



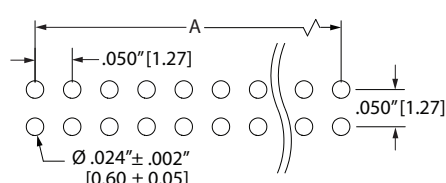
**(NFFN, NGCN)**



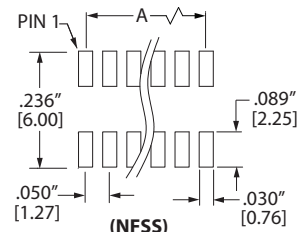
**(NFSC)**



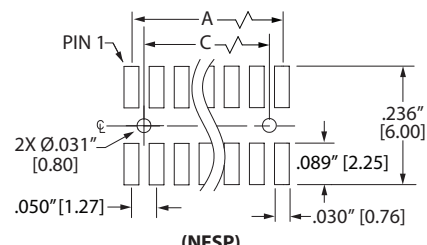
**(NFSD)**



**(CFFN)**

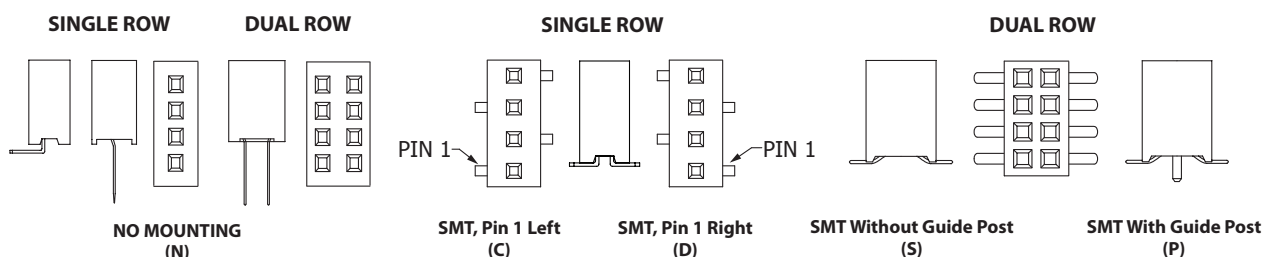


**(NFSS)**



**(NFSP)**

### MOUNTING STYLE





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

### PART NUMBER OPTIONS

**INSULATOR MATERIAL**  
L = LCP

**CONTACT MATERIAL**  
P = Phosphor Bronze

**CONTACT FINISH - RoHS Compliant**  
P = Gold Flash Overall

**CONTACT CENTERS**  
B = .050" [1.27 mm]

**NUMBER OF POSITIONS**  
Positions Available Termination  
2 Thru 50 = NFFN, NGCN, NFSC, NFSD, Single Row  
2 Thru 50 = CFFN, NFSS, Dual Row  
3 Thru 50 = NFSP, Dual Row

**RoHS COMPLIANT**  
Consult Factory For Modifications

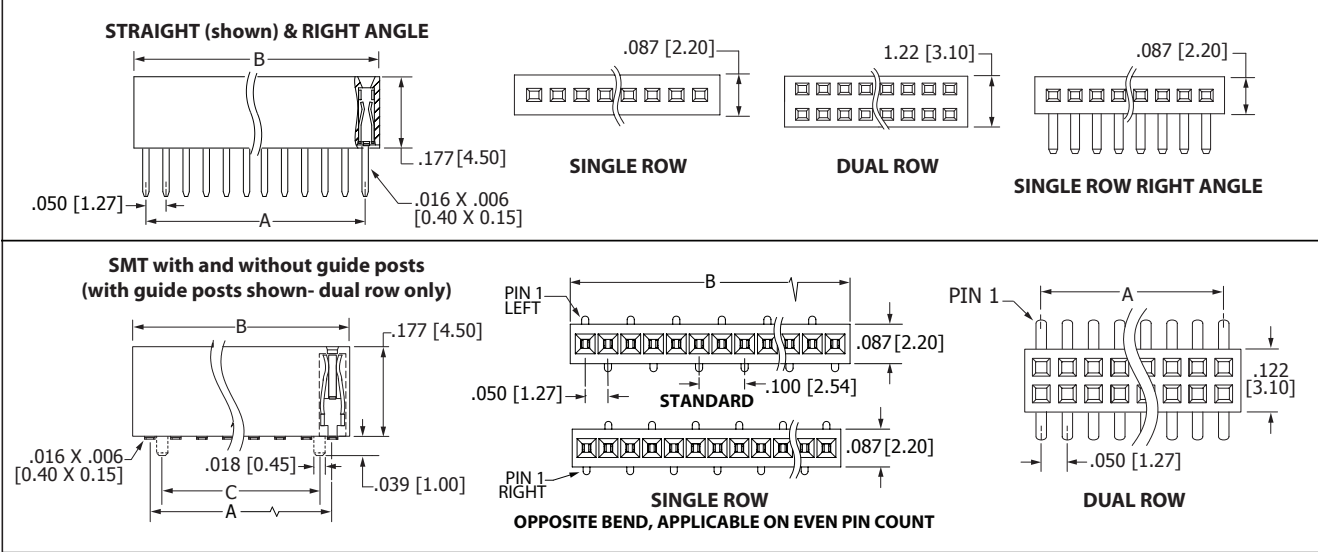
**MOUNTING STYLE**  
N = No Mounting  
C = Surface Mount, Pin 1 Left (Single Row Only)  
D = Surface Mount, Pin 1 Right (Single Row Only)  
S = Surface Mount without Guide Posts (Dual Row Only)  
P = Surface Mount with Guide Posts (Dual Row Only)

**TERMINATION TYPE** (See Opposite Page)  
NFF, CFF, NGC, NFS

**NUMBER OF ROWS**  
1 = Single Row  
2 = Dual Row

**Part Number Format:** L P P B xx 1 NFF N - RC


### 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								

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View LPPB051NFSC-RC on WIN SOURCE](#)
-  [Sullins Connector Solutions Information](#)

## Optimize Your Supply Chain with WIN SOURCE Solutions

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-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management