

**INSULATOR MATERIAL**

P = POLYESTER, UL 94V-0.  
 OPERATING TEMPERATURE: -40° C TO +105° C.  
 PROCESSING TEMP. : WAVE/ MANUAL SOLDERING ONLY  
 N = NYLON 9T, UL 94V-0.  
 OPERATING TEMPERATURE: -40° C TO +105° C.  
 PROCESSING TEMP. : 260°C MAX FOR 10 SECONDS  
 L = LCP, UL 94V-0.  
 OPERATING TEMPERATURE: -40° C TO +125° C.  
 PROCESSING TEMP. : 260°C MAX FOR 10 SECONDS

**PART NUMBER CODING**

**P C LFBN-RC**

**NUMBER OF ROWS**

1 = SINGLE ROW  
 2 = DUAL ROWS

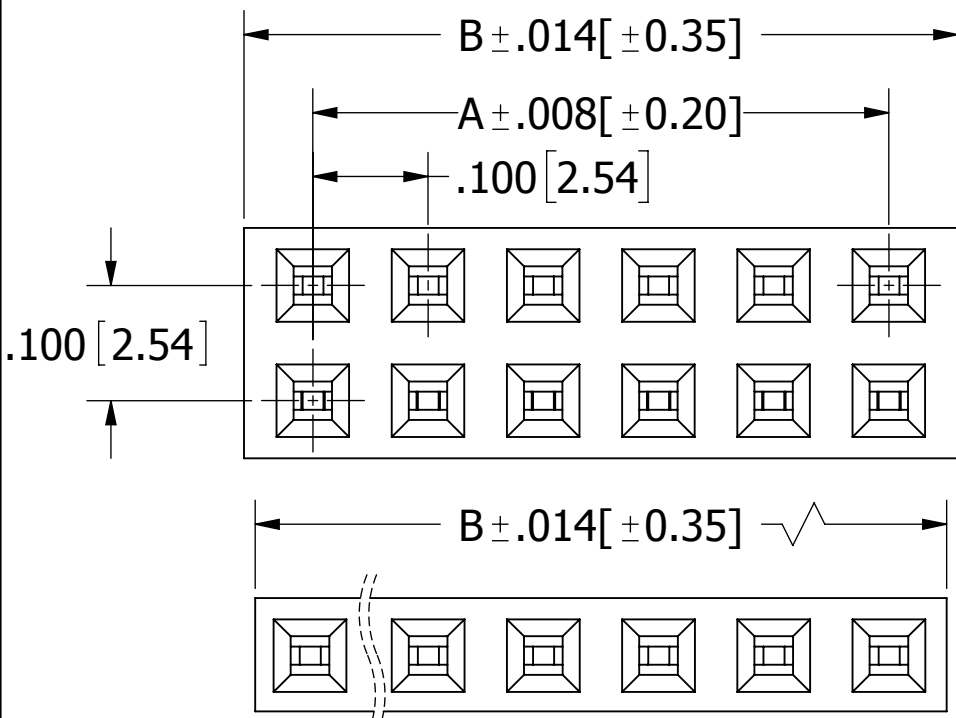
**NUMBER OF POSITIONS**

(CONTACTS PER ROW, 02 THRU 40)

**PLATING**

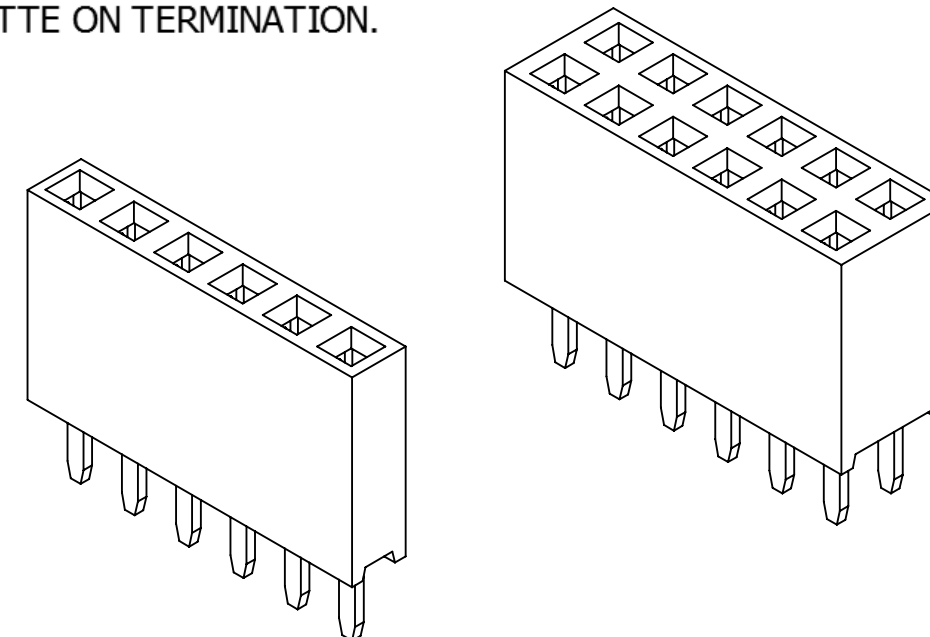
(.000030"~.000050" NICKEL UNDER PLATED)  
 P = GOLD FLASH OVERALL  
 T= TIN OVERALL  
 C= .000030" GOLD ON CONTACT SURFACE,  
 .000100" PURE TIN, MATTE ON TERMINATION.

REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
K	3963	UPDATE GENERAL TOL IN TITLE BOX & NOTE 8, UPGRADE NYLON MTL (FROM 6T TO 9T), UPDATE TAIL-TO-TAIL & TAIL PITCH/ROW SPACING DIM TO REF, ADD REF TO INSERTION DEPTH	1/3/2019	JH
L	4099	ADD LCP	8/20/2019	JH

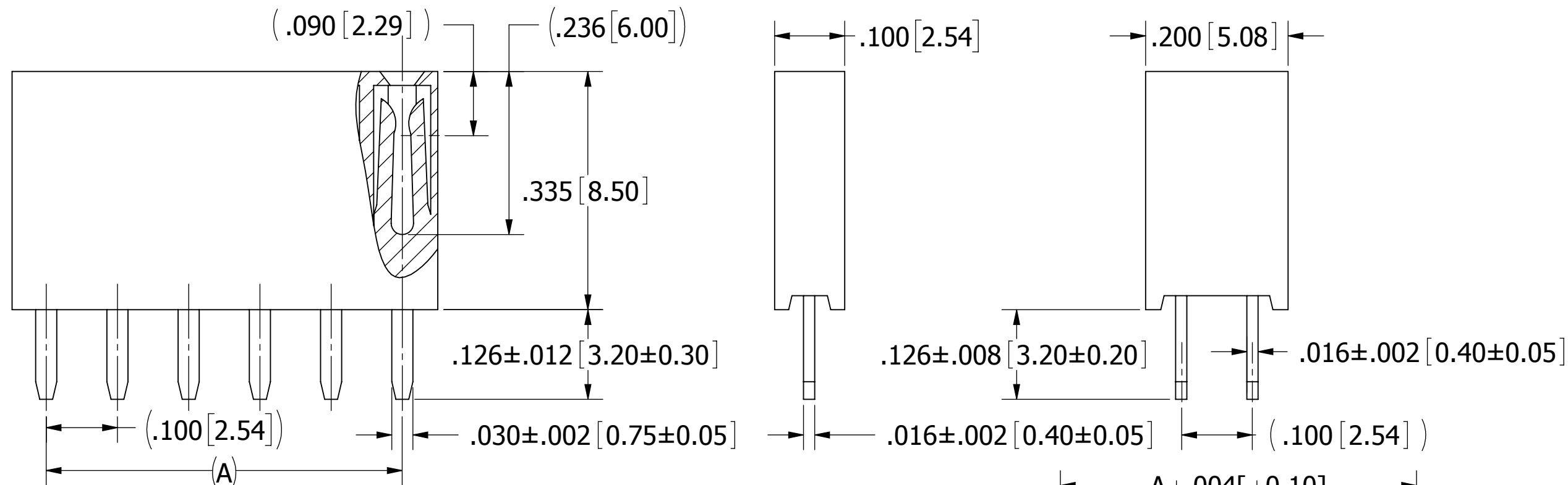


**DUAL ROWS**

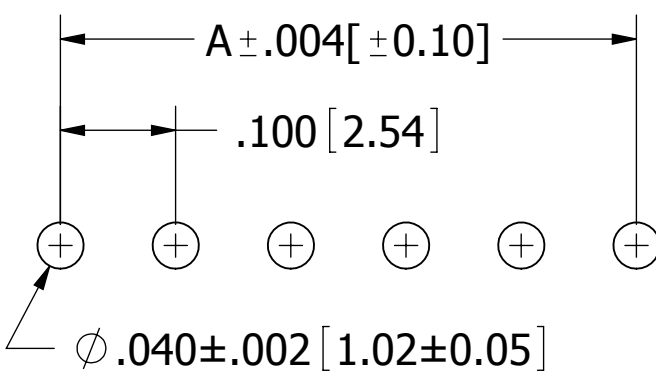
**SINGLE ROW**



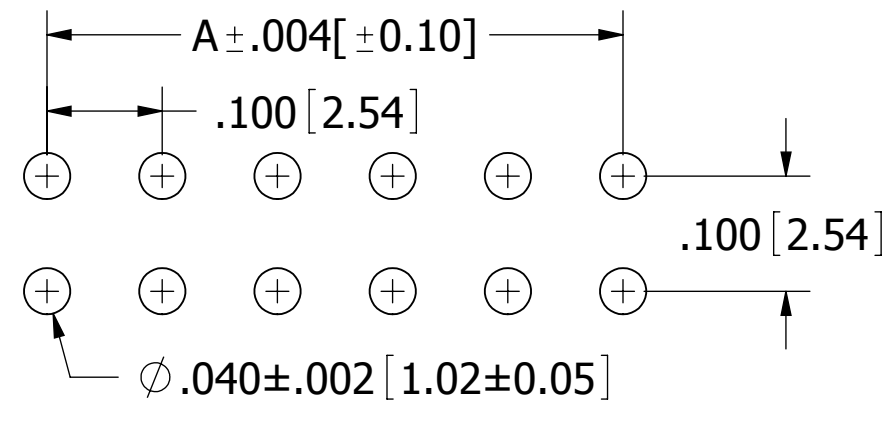
POSITIONS	# OF CONTACTS SINGLE/DUAL	A		B	
		INCH	MM	INCH	MM
2	02/04	0.100	2.54	0.220	5.58
3	03/06	0.200	5.08	0.320	8.12
4	04/08	0.300	7.62	0.420	10.66
5	05/10	0.400	10.16	0.520	13.20
6	06/12	0.500	12.70	0.620	15.74
7	07/14	0.600	15.24	0.720	18.28
8	08/16	0.700	17.78	0.820	20.82
9	09/18	0.800	20.32	0.920	23.36
10	10/20	0.900	22.86	1.020	25.90
11	11/22	1.000	25.40	1.120	28.44
12	12/24	1.100	27.94	1.220	30.98
13	13/26	1.200	30.48	1.320	33.52
14	14/28	1.300	33.02	1.420	36.06
15	15/30	1.400	35.56	1.520	38.60
16	16/32	1.500	38.10	1.620	41.14
17	17/34	1.600	40.64	1.720	43.68
18	18/36	1.700	43.18	1.820	46.22
19	19/38	1.800	45.72	1.920	48.76
20	20/40	1.900	48.26	2.020	51.30
21	21/42	2.000	50.80	2.120	53.84
22	22/44	2.100	53.34	2.220	56.38
23	23/46	2.200	55.88	2.320	58.92
24	24/48	2.300	58.42	2.420	61.46
25	25/50	2.400	60.96	2.520	64.00
26	26/52	2.500	63.50	2.620	66.54
27	27/54	2.600	66.04	2.720	69.08
28	28/56	2.700	68.58	2.820	71.62
29	29/58	2.800	71.12	2.920	74.16
30	30/60	2.900	73.66	3.020	76.70
31	31/62	3.000	76.20	3.120	79.24
32	32/64	3.100	78.74	3.220	81.78
33	33/66	3.200	81.28	3.320	84.32
34	34/68	3.300	83.82	3.420	86.86
35	35/70	3.400	86.36	3.520	89.40
36	36/72	3.500	88.90	3.620	91.94
37	37/74	3.600	91.44	3.720	94.48
38	38/76	3.700	93.98	3.820	97.02
39	39/78	3.800	96.52	3.920	99.56
40	40/80	3.900	99.06	4.020	102.10



02-20, .008[0.20] MAX.  
 21-30, .012[0.30] MAX.  
 31-40, .016[0.40] MAX.



**RECOMMENDED PCB LAYOUT  
 SINGLE ROW  
 TOLERANCE: ±.002 [±0.05]**



**RECOMMENDED PCB LAYOUT  
 DUAL ROWS  
 TOLERANCE: ±.002 [±0.05]**

- NOTES:**
- INSULATOR MATERIAL: SEE PART NUMBER CODING.
  - CONTACT MATERIAL: PHOSPHOR BRONZE.
  - CONTACT PLATING: SEE PART NUMBER CODING.
  - CURRENT RATING: 3 AMPS.
  - VOLTAGE RATING: 250V AC
  - INSULATOR RESISTANCE: 5000 MEGOHMS MIN.
  - CONTACT RESISTANCE: 20 MILLIOHMS MAX.
  - DIELECTRIC WITHSTANDING: 1000 VAC.
  - OPERATING TEMPERATURE: SEE PART NUMBER CODING
  - PROCESSING TEMP.: SEE PART NUMBER CODING.
  - MATES WITH SULLINS .100 [2.54] CONTACT CENTER MALE HEADER SERIES. (.025 [0.64] SQUARE POSTS)



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES (MM)

DRAWN: 12/15/2008 NAME: JH

TOLERANCES:  
 ANGULAR: ± 5°  
 DECIMALS  
 .XX = ± .012 [.3]  
 .XXX = ± .008 [.20]  
 .XXXX = ± .0039 [.100]

**SULLINS**  
 CONNECTOR SOLUTIONS

TITLE: **HEADER FEMALE, 2.54mm CC, ST**

PART NUMBER: **P C LFBN-RC**

SIZE: **C** CAGE CODE: **54453** DWG. NO.: **10492** REV: **L**

SCALE: 16:1 SHEET 1 OF 1