

		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

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)

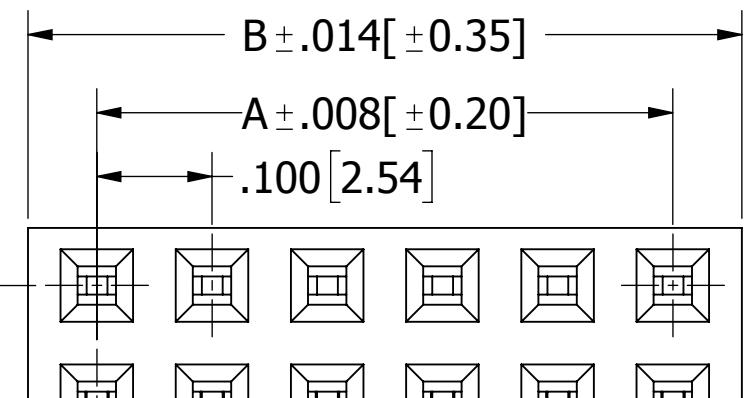
PLATING

(.000030"~.000050" NICKEL UNDER PLATED)

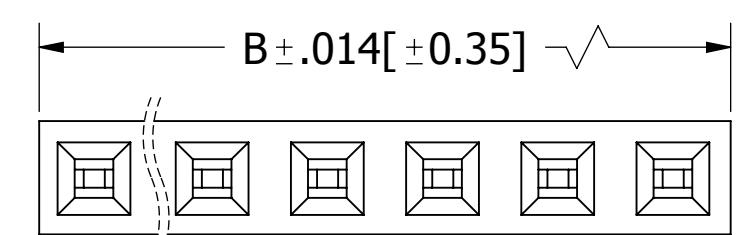
P = GOLD FLASH OVERALL

T= TIN OVERALL

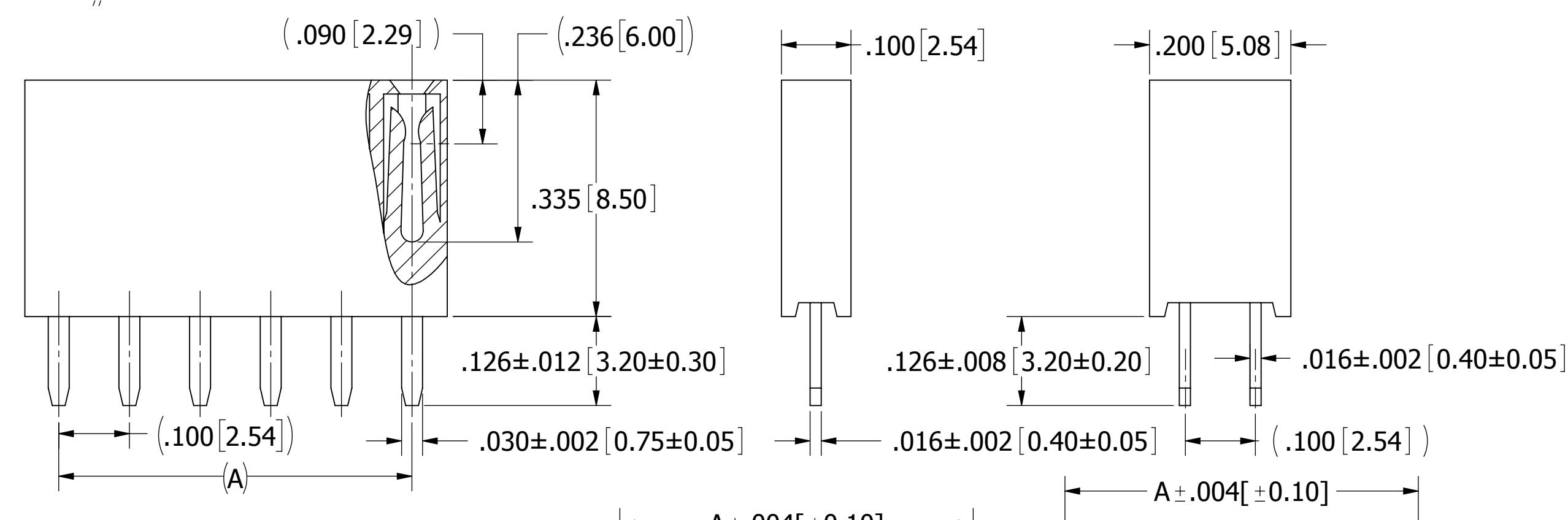
C= .000030" GOLD ON CONTACT SURFACE,
.000100" PURE TIN, MATTE ON TERMINATION.



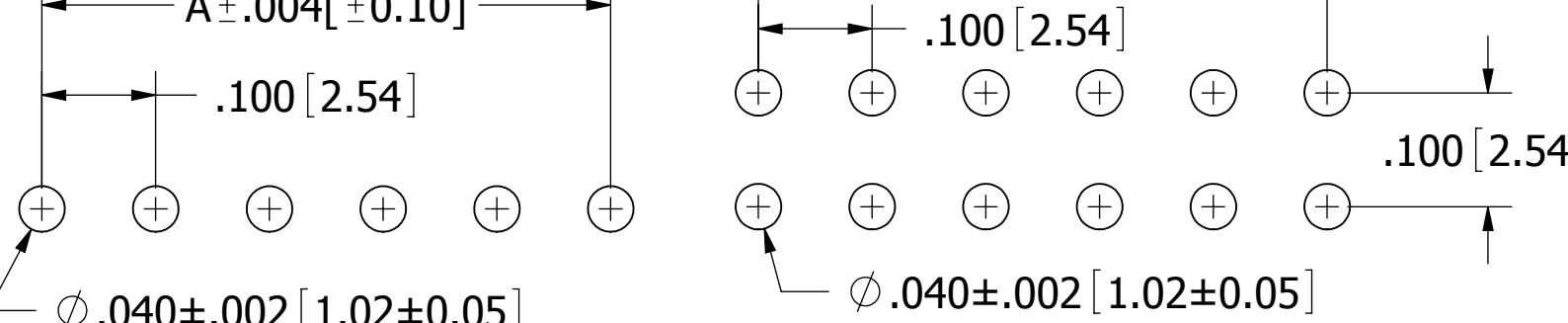
DUAL ROWS



SINGLE ROW



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



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

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

NOTES:

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

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



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES [MM]
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 54453 DWG. NO: 10492
SCALE: 16:1 REV: L
CAGE CODE SHEET 1 OF 1
FILE NAME: 10492,_P_C_LFBN-RC