

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

**PART NUMBER CODING**

**xPxCxx1LGBN-RC**

**NUMBER OF POSITIONS**  
(CONTACTS PER ROW, 02 THRU 40)

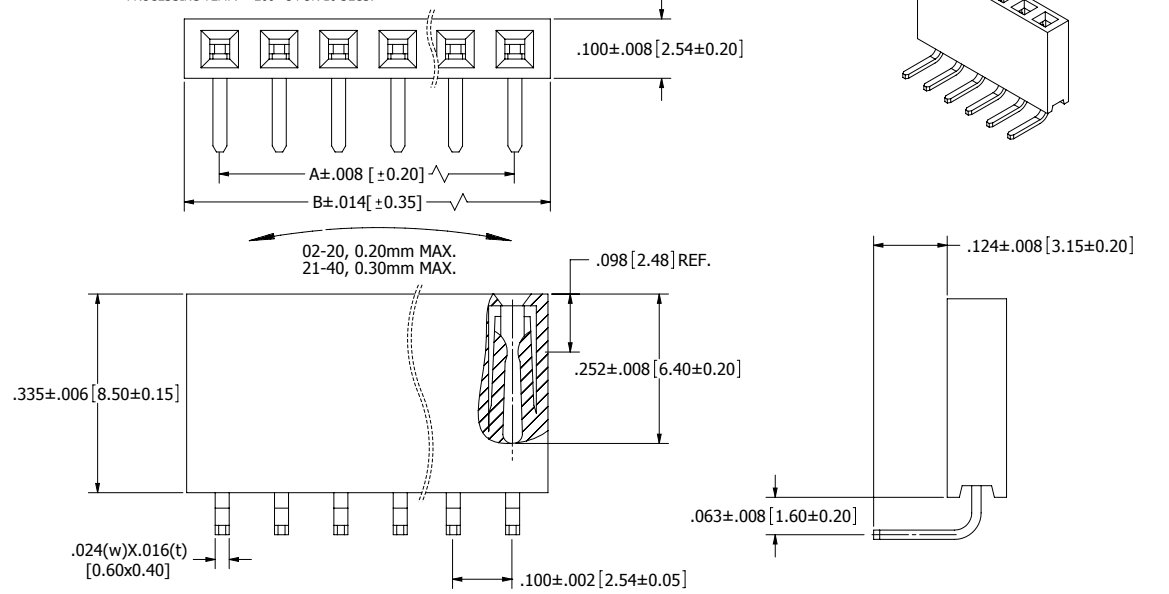
**PLATING**

P = GOLD FLASH OVERALL  
T = TIN OVERALL

**INSULATOR MATERIAL**

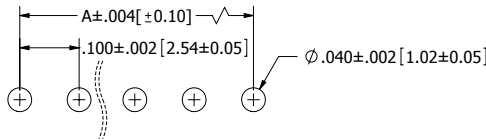
P = POLYESTER, UL 94V-0.  
\*PROCESSING TEMP. = 210° C FOR 5 SECS.  
N = NYLON 6T.  
\*PROCESSING TEMP. = 260° C FOR 10 SECS.

REVISIONS				
REV.	ECO. NO.	DESCRIPTION	DATE	BY
D	1869	ADD CONTACT DEPTH 6.4mm, UPDATE TOP VIEW & TOLERANCE, WIDTH 2.54 WAS 2.4	12/23/2008	JH
E	2055	ADD CONTACT POINT DISTANCE 2.48mm	11/12/2009	LH
F	2164	CORRECT TOP VIEW AND ISO VIEW (PIN HOLE LOCATION) & RIGHT VIEW (.063" DISTANCE)	7/28/2010	LH



- 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/DC
  6. INSULATOR RESISTANCE: 5000 MEGOHMS MIN.
  7. CONTACT RESISTANCE: 20 MILLIOHMS MAX.
  8. DIELECTRIC WITHSTANDING: 500V AC.
  9. OPERATING TEMPERATURE: -40° C TO +105° C.

**RECOMMENDED PCB LAYOUT**



RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES(MM)  
TOLERANCES:  
ANGULAR: ± 5°  
XX±.0 [ .2 ]  
XXX±.006 [ .15 ]  
SURFACE FINISH: 63 Ra  
REMOVE ALL BURRS AND SHARP EDGES .010 MAX  
INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANSI Y14.5M-1994

DATE	NAME	SULLINS CONNECTOR SOLUTIONS
12/15/08	JH	
DESCRIPTION: HEADER FEMALE, 2.54mm CC, 1 ROW, RA		
PART NUMBER: xPxCxx1LGBN-RC		
SIZE: C	DWG. NO.: 10493	REV: F
SCALE: 12:1		SHEET 1 OF 1