

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

PART NUMBER CODING

NPxCxx2KFMx-RC

MOUNTING STYLES

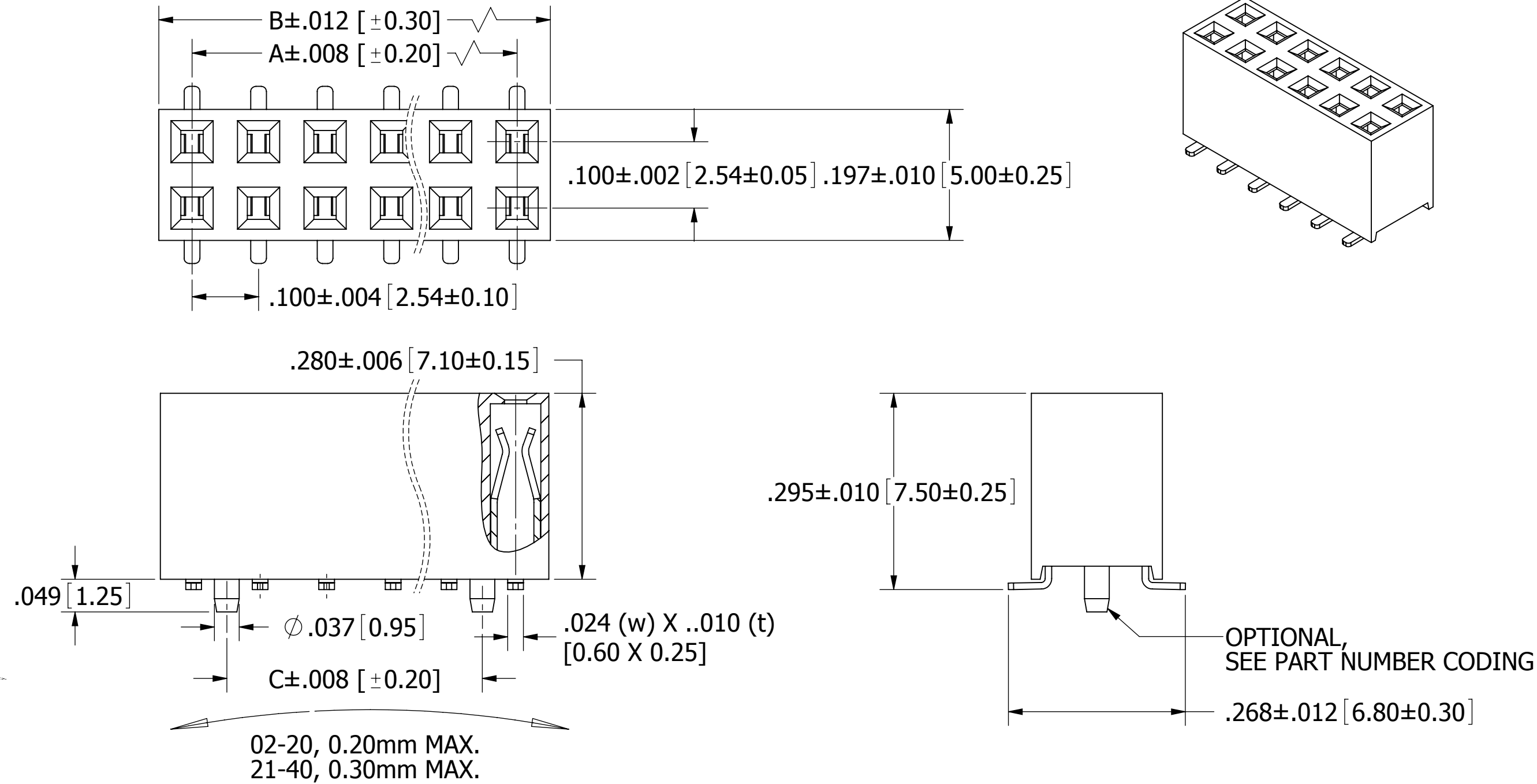
P = SURFACE MOUNT W/ GUIDE POSTS
S = SURFACE MOUNT W/O GUIDE POSTS

NUMBER OF POSITIONS

(CONTACTS PER ROW, 2 THRU 40)

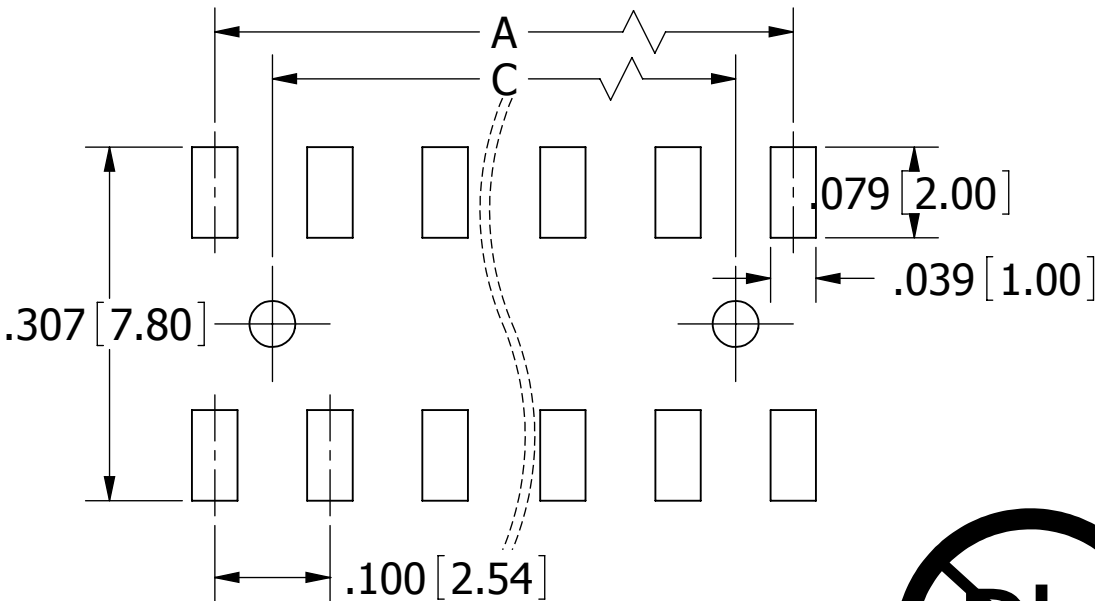
PLATING

P = GOLD FLASH OVERALL
T = TIN OVERALL

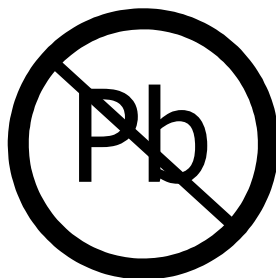


- NOTES:
1. INSULATOR MATERIAL: NYLON 6T, UL 94V-0.
 2. CONTACT MATERIAL: PHOSPHOR BRONZE.
 3. CONTACT PLATING: SEE PART NUMBER CODING.
 4. CURRENT RATING: 3 AMPS
 5. INSULATOR RESISTANCE: 5000 MEGOHMS MIN.
 6. CONTACT RESISTANCE: 20 MILLIOHMS MAX.
 7. DIELECTRIC WITHSTANDING: AC 500V.
 8. OPERATING TEMPERATURE: -40° C TO +125° C.
 9. *MAX PROCESSING TEMP.: 230° C FOR 30 - 60 SECONDS (260° C FOR 10 SECONDS).

*INDICATED TEMPERATURE AND TIME IS FOR COMPONENT INSULATOR. HIGHER PROCESSING TEMPERATURES MAY BE USED, PROVIDED HEAT IS APPLIED FROM BACK SIDE OF PCB, AND INSULATOR DOES NOT EXCEED INDICATED TEMPERATURE AND TIME.



RECOMMENDED PCB LAYOUT



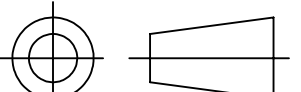
RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES[MM]
TOLERANCES:
ANGULAR: $\pm 5^\circ$
.XX = $\pm .014 \text{ [} .35 \text{]}$
.XXX = $\pm .008 \text{ [} .20 \text{]}$

SURFACE FINISH: 63 Ra
REMOVE ALL BURRS AND SHARP EDGES .010 MAX

INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANSI Y14.5M-1994

DRAWN	DATE	NAME
	12/4/2008	JH



SULLINS CONNECTOR SOLUTIONS	
DESCRIPTION HEADER FEMALE, 2.54mm CC, 2 ROWS, SMT	
PART NUMBER NPxCxx2KFMx-RC	
SIZE C	DWG. NO. 10488

SCALE: 12:1	REV D
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