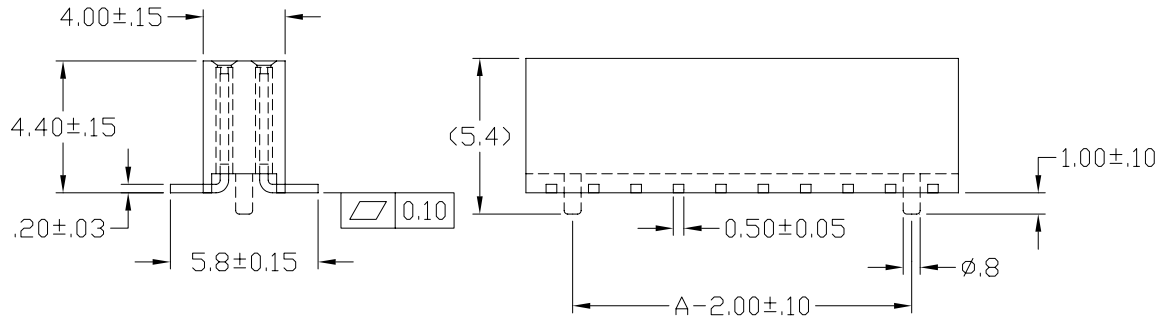
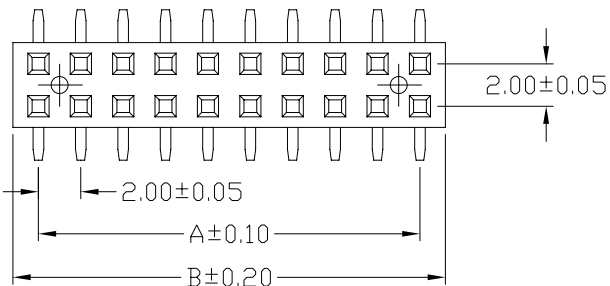


No. of Positions	DIMENSIONS	
	A	B
3	4.00	6.00
4	6.00	8.00
5	8.00	10.00
6	10.00	12.00
7	12.00	14.00
8	14.00	16.00
9	16.00	18.00
10	18.00	20.00
11	20.00	22.00
12	22.00	24.00
13	24.00	26.00
14	26.00	28.00
15	28.00	30.00
16	30.00	32.00
17	32.00	34.00
18	34.00	36.00
19	36.00	38.00
20	38.00	40.00
21	40.00	42.00
22	42.00	44.00
23	44.00	46.00
24	46.00	48.00
25	48.00	50.00
26	50.00	52.00
27	52.00	54.00
28	54.00	56.00
29	56.00	58.00
30	58.00	60.00
31	60.00	62.00
32	62.00	64.00
33	64.00	66.00
34	66.00	68.00
35	68.00	70.00
36	70.00	72.00
37	72.00	74.00
38	74.00	76.00
39	76.00	78.00
40	78.00	80.00

NOTE: Number of contacts (pins) is not the same as the number of positions. For this dual row connector, each position has 2 contacts (pins).



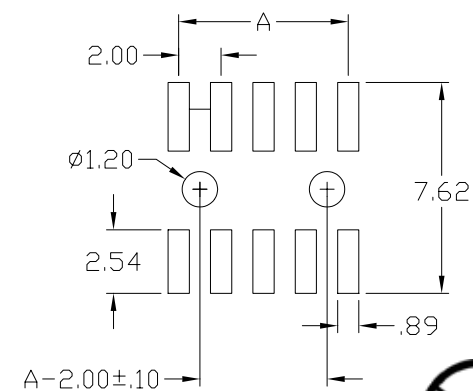
PART NUMBER CODING  
 NPPNxx2FFKx-RC  
 MOUNTING STYLE  
 P - SURFACE MOUNT W/ GUIDE PINS  
 S - SURFACE MOUNT W/O GUIDE PINS  
 NUMBER OF POSITIONS  
 (3 - 40)

REV.	ECD	DESCRIPTION	DATE	BY
A	645	INITIAL RELEASE	6/15/2005	TT
B	692	CHANGED DIMENSIONS	8/10/2005	TT
C	928	ADDED POS. 3 & 4	2/16/2006	TT

**SPECIFICATIONS**

Current Rating: 1 Amp  
 Insulator resistance: 5000 Megohms min.  
 Contact resistance: 20 m ohms max.  
 Dielectric withstanding: AC 500V  
 Operating Temperature:  $-40^{\circ}$  to  $+105^{\circ}$ C  
 Max Processing Temp:  $230^{\circ}$ C for 30 seconds  
 ( $260^{\circ}$  C for 10 seconds.)  
 Contact Material: Phosphor Bronze.  
 Insulator Material: Nylon-6T, UL 94V-0  
 Contact Finish: Gold flash overall

**Recommended P.C.Board SMT Layout**



Sullins Electronics  
 801 E. Mission Rd.  
 San Marcos, CA 92069

GENERAL TOLERANCE	
XX. $\pm$	XXX. $\pm$
X. $\pm$ 0.20	.XXX $\pm$
.X $\pm$ 0.10	X.° $\pm$
.XX $\pm$ 0.05	.X° $\pm$

SCALE	NTS
UNIT	MM
SIZE	

DRAWN	TT	DATE	6/14/2005
CHECK		DATE	
APPROVE		DATE	

DWG. NO.	10485
PARTS NO.	NPPNxx2FFKx-RC

TITLE	2.00 mm HEADER FEMALE 4.00 mm INSULATOR
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REV.	C
SHEET	