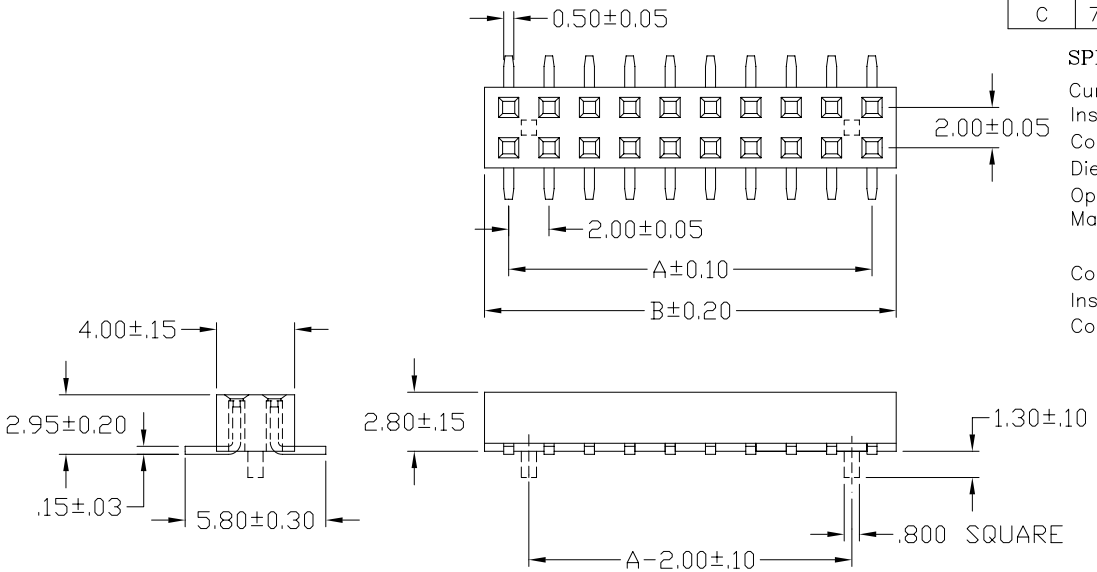
No. of Positions	DIMENSIONS A	DIMENSIONS B
5	8.00	10.00
6	10.00	12.00
7	12.00	14.00
8	14.00	16.00
9	16.00	18.00
10	18.00	20.00
11	20.00	22.00
12	22.00	24.00
13	24.00	26.00
14	26.00	28.00
15	28.00	30.00
16	30.00	32.00
17	32.00	34.00
18	34.00	36.00
19	36.00	38.00
20	38.00	40.00
21	40.00	42.00
22	42.00	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

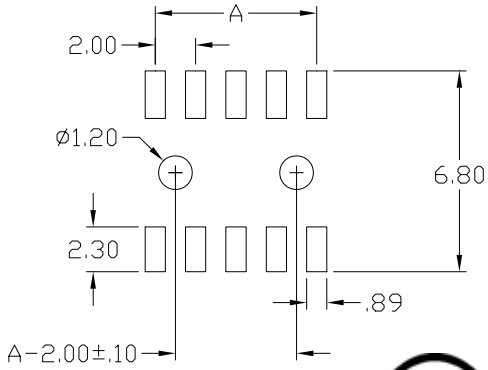
REV.	ECO	DESCRIPTION	DATE	BY
A	644	INITIAL RELEASE	6/15/2005	TT
B	747	UPDATED DIMS	10/3/2005	TT
C	789	CHANGED 2.80 TO 2.95	10/27/2005	TT



SPECIFICATIONS

Current Rating:	1 Amp
Insulator resistance:	5000 Megohms min.
Contact resistance:	20 m ohms max.
Dielectric withstanding:	AC 500 V
Operating Temperature:	−40°C to +105°C
Max Processing Temp:	230°C for 30 seconds (260° C for 10 seconds.)
Contact Material:	Phosphor Bronze.
Insulator Material:	Nylon−6T
Contact Finish:	Gold flash overall

Recommended P.C. Board SMD Layout



PART NUMBER CODING
NPPNxx2GFNx−RC
MOUNTING STYLE
P − SURFACE MOUNT W/ GUIDE PINS
S − SURFACE MOUNT W/O GUIDE PINS
NUMBER OF POSTIONS
(5 − 40)

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).

ROHS COMPLIANT

Sullins Electronics 801 E. Mission Rd. San Marcos, CA 92069	GENERAL TOLERANCE XX. ± / XXX. ± X. ± 0.20 / .XXX ± .X ± 0.10 / X.° ± .XX ± 0.05 / .X° ±	SCALE NTS UNIT MM SIZE	DRAWN TT CHECK MNH APPROVE	DATE 6/14/2005 DATE 6/15/2005 DATE	DWG. NO. 10484 PARTS NO. NPPNxx2GFNx−RC	TITLE 2.00mm FEMALE HEADER SURFACE MOUNT 2.80mm INSULATOR	REV. C SHEET