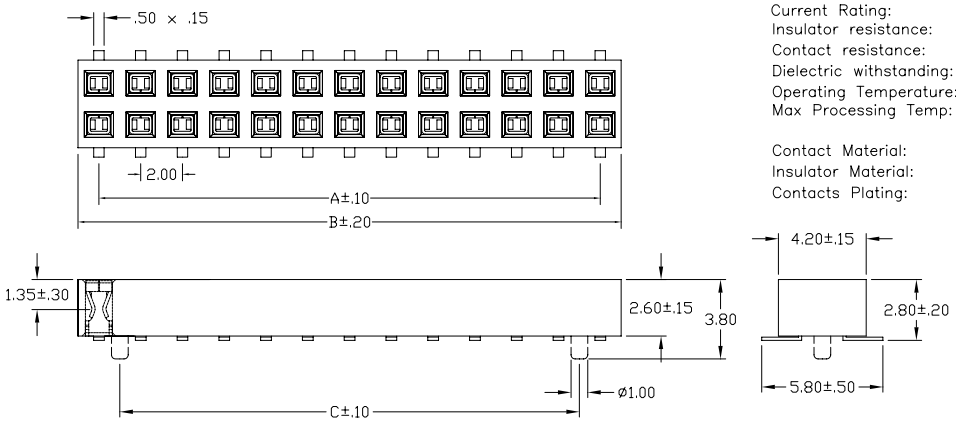
No. of Positions	DIMENSIONS A	B	C
5	8.00	10.60	6.00
6	10.00	12.60	8.00
7	12.00	14.60	10.00
8	14.00	16.60	12.00
9	16.00	18.60	14.00
10	18.00	20.60	16.00
11	20.00	22.60	18.00
12	22.00	24.60	20.00
13	24.00	26.60	22.00
14	26.00	28.60	24.00
15	28.00	30.60	26.00
16	30.00	32.60	28.00
17	32.00	34.60	30.00
18	34.00	36.60	32.00
19	36.00	38.60	34.00
20	38.00	40.60	36.00
21	40.00	42.60	38.00
22	42.00	44.60	40.00
23	44.00	46.60	42.00
24	46.00	48.60	44.00
25	48.00	50.60	46.00
26	50.00	52.60	48.00
27	52.00	54.60	50.00
28	54.00	56.60	52.00
29	56.00	58.60	54.00
30	58.00	60.60	56.00
31	60.00	62.60	58.00
32	62.00	64.60	60.00
33	64.00	66.60	62.00
34	66.00	68.60	64.00
35	68.00	70.60	66.00
36	70.00	72.60	68.00
37	72.00	74.60	70.00
38	74.00	76.60	72.00
39	76.00	78.60	74.00
40	78.00	80.60	76.00

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).

REV.	ECO	DESCRIPTION	DATE	BY
A	644	INITIAL RELEASE	6/15/2005	TT
B	879	ADDED .60mm TO 'B' DIM	12/28/2005	TT
C	1046	CLARIFY TOP/BOTTOM ENTRY AS SAME PART	12/28/2005	MNH



SPECIFICATIONS

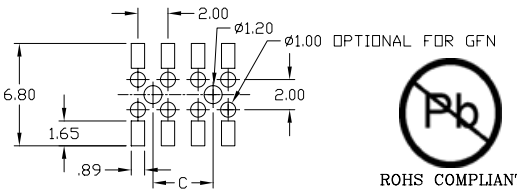
Current Rating:	1 Amp
Insulator resistance:	5000 Megohms min.
Contact resistance:	20 m ohms max.
Dielectric withstanding:	AC 500 V
Operating Temperature:	−40° to +105°C
Max Processing Temp:	230°C for 30−60 seconds (260°C for 10 seconds)
Contact Material:	Phosphor Bronze.
Insulator Material:	Nylon−6T
Contacts Plating:	Gold flash overall

PART NUMBER CODING
NPPNxx2GxNx−RC

- MOUNTING STYLE
  - P − SURFACE MOUNT W/ GUIDE PINS
  - S − SURFACE MOUNT W/O GUIDE PINS
- ENTRY TYPE
  - F − TOP
  - H − BOTTOM
- NUMBER OF POSTIONS (5 − 40)

NOTE: TOP AND BOTTOM ENTRY PARTS ARE IDENTICAL AND INTERCHANGABLE

RECOMMENDED P.C. BOARD SMT LAYOUT



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	DRAWN	TT
UNIT	MM	CHECK	MNH
SIZE		APPROVE	
DATE	6/15/2005	DATE	6/15/2005
DATE			

DWG. NO. 10496

PARTS NO. NPPNxx2GxNx−RC

TITLE: 2.00mm FEMALE HEADER TOP/BOTTOM ENTRY, SMT 2.80mm INSULATOR

REV. C

SHEET

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