



Recommended P.C. Board Layout

DIMENSION(mm)

CONTACTS	A	B	C	D	E
20	11.43	33.40	15.40	27.43	21.10
26	15.24	37.30	19.20	31.24	24.86
28	16.51	38.50	20.45	32.51	26.20
40	24.13	46.10	28.10	40.13	33.84
50	30.48	52.60	34.20	46.48	40.20
68	41.91	63.90	45.75	57.91	51.70
80	49.53	71.60	53.30	65.53	59.40
100	62.23	84.40	66.10	78.23	72.10

ELECTRICAL:

CURRENT RATING: 0.5A
 CONTACT RESISTANCE: < 30mΩ
 INSULATOR RESISTANCE: > 250MΩ
 DIELECTRIC WITHSTANDING VOLTAGE: 500VAC FOR 1 MIN.
 OPERATING TEMPERATURE: -40° C TO +105° C

MATERIAL:

INSULATOR: Glass Filled Polyester UL94V-0
 CONTACT MATERIAL: Copper Alloy

HOW TO ORDER:

S 0 2 2 - X X 2 0 - X X X - Z

CONTACT TYPE:
 1 - MALE
 2 - FEMALE

MATING FACE:
 2 - W/OUT RAILS
 W/LATCH BLOCKS

DEFINITION:
 2 - RIGHT ANGLE

NUMBER OF CONTACTS:
 SEE CONTACTS ABOVE
 A0=100

PLATING OVERALL:
 3 - 10u" Au
 4 - 30u" Au
 RoHS COMPLIANT

SELECTIVE PLATING:
 1 - 10u" Au CONTACT AREA/TIN TAIL
 2 - 30u" Au CONTACT AREA/TIN TAIL

THREADED HOLE:
 1 - 2-56
 2 - 4-40

SHELL:
 0 - FRONT METAL SHELL
 1 - ZINC DIE CAST

MOUNTING OPTION:
 1 - BOARDLOCK
 2 - 2-56

Rev	Drawn	Checked	Approved	Date
0 Issued	S.E.	S.M.	S.M.	1/15/98
A Revised for RoHS Compliance	B.S.	S.M.	S.M.	07/21/08

SMP TECHNOLOGY, INC.

Half Pitch D-Sub Connector, Female, Right Angle

DRAWING No. S0-2
 TOL. DEC. .X +/- 0.35 .XX +/- 0.20 .XXX +/- 0.05 ANGLE +/-5 UNIT: mm

SERIES: S 0