



Recommended P.C. Board Layout

DIMENSION(mm)

CONTACTS	A	B	C	D	E
50	30.48	52.50	34.20	46.48	40.20
68	41.91	64.00	45.75	57.91	51.70

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 X - X X 1 0 - 0 X X - Z

CONTACT TYPE:
 1 - MALE
 2 - FEMALE

DEFINITION:
 1 - STRAIGHT

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

MATING FACE:
 1 - W/ RAILS, W/ LATCH BLOCKS
 2 - W/OUT RAILS W/ LATCH BLOCKS
 3 - W/OUT RAILS W/OUT LATCH BLOCKS

NUMBER OF CONTACTS:
 50, 68

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

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

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, Straight

DRAWING No. S0-1

TOL. DEC. .X +/- 0.35 .XX +/- 0.20 .XXX +/- 0.05 ANGLE +/-5 UNIT: mm/in

SERIES: S 0