



HOW TO ORDER:

W 0 5 3 - X X 1 X - 1 0 X - Z

SERIES:

TYPE NUMBER:

NUMBER OF CONTACTS:

02 Thru 24

VARIATIONS:

- 1 - UL94V-2
- 2 - UL94V-0

MOUNTING OPTION:

- 1 - W/Pegs
- 2 - W/Peg #1 (right)
- 3 - W/Peg #2 (left)

RoHS COMPLIANT

PLATING OVERALL:

- 1 - 100u" TIN OVER NICKEL
- 2 - FULL Au FLASH

SELECTIVE PLATING:

- 0 - Au CONTACT AREA/TIN TAIL
- 3 - 15u" Au CONTACT AREA/TIN TAIL
- 4 - 30u" Au CONTACT AREA/TIN TAIL

ELECTRICAL:

VOLTAGE RATING: 600 V (R.M.S..)

CURRENT RATING:

# of CONTACTS			
2	4, 6	8, 10	12 ~ 24
9A	8A	7A	6A

CONTACT RESISTANCE: < 10 Milliohms

INSULATOR RESISTANCE: > 1000M Ω

DIELECTRIC WITHSTANDING VOLTAGE: 1500VAC FOR 1 MIN.

OPERATING TEMPERATURE: -40° C TO +105° C

MATERIAL:

INSULATOR: PA6.6 UL94V-0, Color Ivory

CONTACT: Copper Alloy 50µ" Min Nickel Under Plated

MECHANICAL:

APPLICABLE PC BOARD THICKNESS: .063" (1.6mm)

DIMENSION(mm)

CONTACTS	A	B	C	D	E
2	13.20	10.80	—	5.40	9.40
4	17.40	15.00	4.20	9.60	13.60
6	21.60	19.20	8.40	13.80	17.80
8	25.80	23.40	12.60	18.00	22.00
10	30.00	27.60	16.80	22.20	26.20
12	34.20	31.80	21.00	26.40	30.40
14	38.40	36.00	25.20	30.60	34.60
18	46.80	44.40	33.60	39.00	43.00
24	59.40	57.00	46.20	51.60	55.60

Rev	Drawn	Checked	Apv.	Date
0 Issued	G.T.	G.T.	G.T.	12/02/05
A Per Contact Rating Added; 2 Circuit Version Added	B.S.	S.M.	S.M.	01/04/10

SMP TECHNOLOGY, INC.

Power Connector; 4.2mm Pitch, Vertical, w/ Peg, Blind Mate

SCALE : N/A

TOL. DEC. .X +/- 0.35 .XX +/- 0.25 .XXX +/- 0.08 ANGLE +/- UNIT: mm

P/N W 0 5 3 - X X 1 X - 1 0 X - Z