



ELECTRICAL:

VOLTAGE RATING: 600 V
 CURRENT: AC/DC, 6.0 AMPS MAX
 CONTACT RESISTANCE: < 10 Milliohms
 INSULATOR RESISTANCE: > 1000M Ω
 DIELECTRIC WITHSTANDING VOLTAGE: 1500VAC FOR 1 MIN.
 OPERATING TEMPERATURE: -40° C TO +105° C

MATERIAL:

INSULATOR: Nylon 6.6 UL94V-0, Color White
 CONTACT: Copper Alloy 50µ" Min Nickel Under Plated

MECHANICAL:

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

DIMENSION(mm)

CONTACTS	A	B	C	D	E (mating length)	
					Short (4.85) Pin. No.	Long (6.80) Pos. No.
6	19.28	8.40	13.40	8.20	Pin 1,2,4,5	Others
10	27.68	16.80	21.80		Pin 1	Others
14	36.08	25.20	30.20		None	Others
18	44.48	33.60	38.60		Pin 1	Others
24	57.08	46.20	51.20		Pin 18	Others

HOW TO ORDER:

W 0 5 3 - X X 1 X - 2 1 X - Z
SERIES: **RoHS COMPLIANT**

TYPE NUMBER: 06 Thru 24

VARIATIONS:
 1 - UL94V-2
 2 - UL94V-0

MOUNTING OPTION:
 2 - W/OUT PEG

PLATING OVERALL:
 1 - FULL 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

Rev		Apv.	Date
0	Issued	G.T.	12/02/05
SCALE	MAT'L	FINISH	
TOL. DEC.	.X +/- 0.35	.XX +/- 0.25	.XXX +/-
		ANGLE +/-	UNIT: mm

SMP TECHNOLOGY, INC.	
Power Connector; 4.2mm Pitch, Vertical, w/out Peg, Blind Mate	
P/N W 0 5 3 - X X 1 X - 2 1 X - Z	Pg: 1