

ELECTRICAL:

VOLTAGE RATING: 250VAC RMS
 CURRENT: 8A
 CONTACT RESISTANCE: 20mΩ Max.
 INSULATOR RESISTANCE: 1000MΩ Min.
 DIELECTRIC WITHSTANDING VOLTAGE: 1500VAC FOR 1 MIN.
 OPERATING TEMPERATURE: -25° C TO +85° C

MATERIAL:

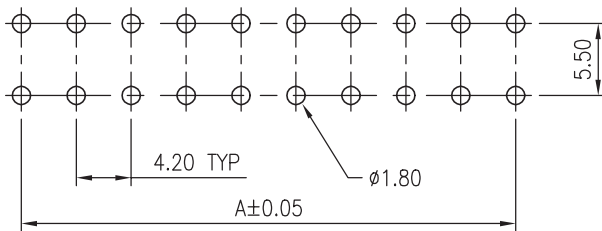
INSULATOR: Glass Re-enforced Thermoplastic
 CONTACT: Copper Alloy
 PLATING: Tin Plated 120μ" Min. Over 30 ~ 50μ" Nickel Overall

MECHANICAL:

RETENTION FORCE: 1.5 Kgf Min. Per Contact

CONTACTS	A	B
2	--	5.6
4	4.2	9.8
6	8.4	14.0
8	12.6	18.2
10	16.8	22.4
12	21.0	26.6

CONTACTS	A	B
14	25.2	30.8
16	29.4	35.0
18	33.6	39.2
20	37.8	43.4
22	42.0	47.6
24	46.2	51.8



RECOMMENDED PCB LAYOUT

HOW TO ORDER:

W 0 5 2 - X X 0 X - 2 0 X - Z

SERIES:

TYPE NUMBER:

NUMBER OF CONTACTS:

02 Thru 24

VARIATIONS:

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

PLATING OVERALL:

- 1 - FULL TIN OVER NICKEL
- 2 - FULL Au FLASH

SELECTIVE PLATING:

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

MOUNTING OPTION:

- 1 - W/PEG
- 2 - W/OUT PEG

RoHS COMPLIANT

Rev					Apv.	Date	SMP TECHNOLOGY, INC.
0	Issued				GT	12/06/05	
Power Connector; 4.2mm Pitch; Right Angle; Without Mounting Peg							
SCALE	MAT'L		FINISH				
TOL. DEC.	.X +/- 0.35	.XX +/- 0.25	.XXX +/-	ANGLE +/-	UNIT: mm / in	SERIES: W 052-XX0X-20X-Z	
							Pg: 1