

ELECTRICAL:

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

MATERIAL:

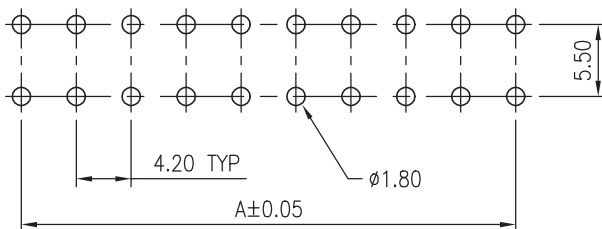
INSULATOR: Glass Re-enforced Thermoplastic, Color - Black or Natural
 CONTACT: Copper Alloy
 PLATING: Tin Plated 120m" Min. Over 30 ~ 50m" Nickel Overall

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 1 X - Z

SERIES:

TYPE NUMBER:

NUMBER OF CONTACTS:

02 Thru 24

VARIATIONS:

- 0- Contacts or Housing
- 1- 94V-2 Natural
- 2- 94V-0 Natural
- 3- 94V-2 Black
- 4- 94V-0 Black

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	Drawn	Checked	Approved	Date
0	GT	S.M.	S.M.	12/06/05
A	B.S.	S.M.	S.M.	07/25/12

SMP TECHNOLOGY, INC.

Power Connector; 4.2mm Pitch; Right Angle; Without Mounting Peg