

1

2

3

SPECIFICATIONS

Voltage rating: AC 250V DC  
 Current rating: AC,DC,3A  
 Withstand voltage: AC 800 V/min.  
 Insulation resistance: 1000 MΩ min.  
 Temperature range: -25°C~+85°C  
 Applicable PC board thickness: 0.8~1.6mm  
 Contact resistance: Initial value/10 mΩ max.  
 After environmental Testing/20 mΩ max.

Solder-Ability:

Soldering time: 2.5 ± 0.5 Sec Solder temperature: 245<sup>+5</sup><sub>-0</sub> ° C  
 Solder Wetting: 95% of immersed area must show no voids, pin holes.

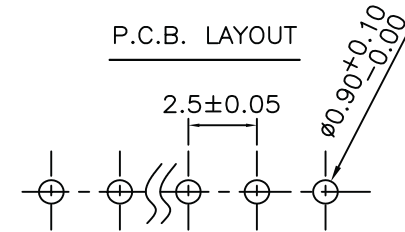
Resistance to Soldering Heat:

Solder time: 10±0.5 Sec. Temperature: 260°C±5°C 0.5mm from Terminal tip and fitting nail tip  
 Appearance :no damage

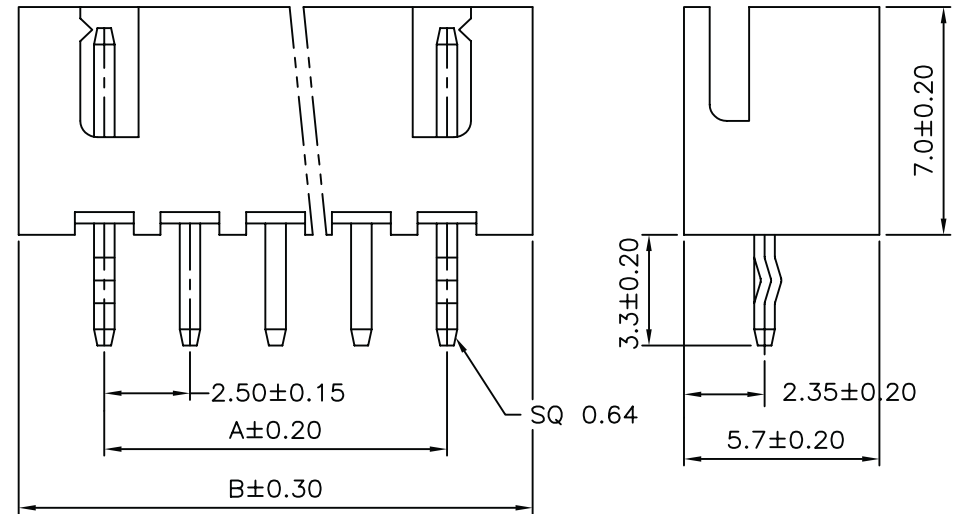
WAFER

Poles: 2-20  
 Material: Post: Brass, Tin/Plated  
 Base: Nylon 66, UL 94V-0 Natural

P.C.B. LAYOUT



Poles	Part No.	Dimension in.(mm)	
		A	B
2	2503-WS-2	0.098( 2.5)	0.295( 7.5)
3	2503-WS-3	0.197( 5.0)	0.394(10.0)
4	2503-WS-4	0.295( 7.5)	0.492(12.5)
5	2503-WS-5	0.394(10.0)	0.591(15.0)
6	2503-WS-6	0.492(12.5)	0.689(17.5)
7	2503-WS-7	0.591(15.0)	0.787(20.0)
8	2503-WS-8	0.689(17.5)	0.886(22.5)
9	2503-WS-9	0.787(20.0)	0.984(25.0)
10	2503-WS-10	0.886(22.5)	1.083(27.5)
11	2503-WS-11	0.984(25.0)	1.181(30.0)
12	2503-WS-12	1.083(27.5)	1.280(32.5)
13	2503-WS-13	1.181(30.0)	1.378(35.0)
14	2503-WS-14	1.280(32.5)	1.476(37.5)
15	2503-WS-15	1.378(35.0)	1.575(40.0)
20	2503-WS-20	1.870(47.5)	2.066(52.5)



DRAWN:

GENERAL TOLERANCE:

CHECKED:

UNIT:

SIZE

SCALE:

SHEET:

DESCRIPTION:

A4

REV

Date

FILE

JECSON

BY

PROJECTION:

PART NO:

F09-xxP

A

B

C

D