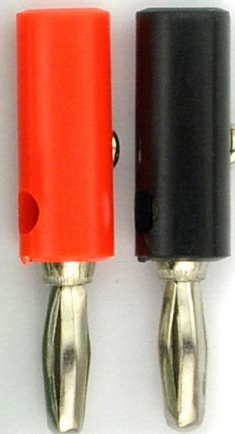
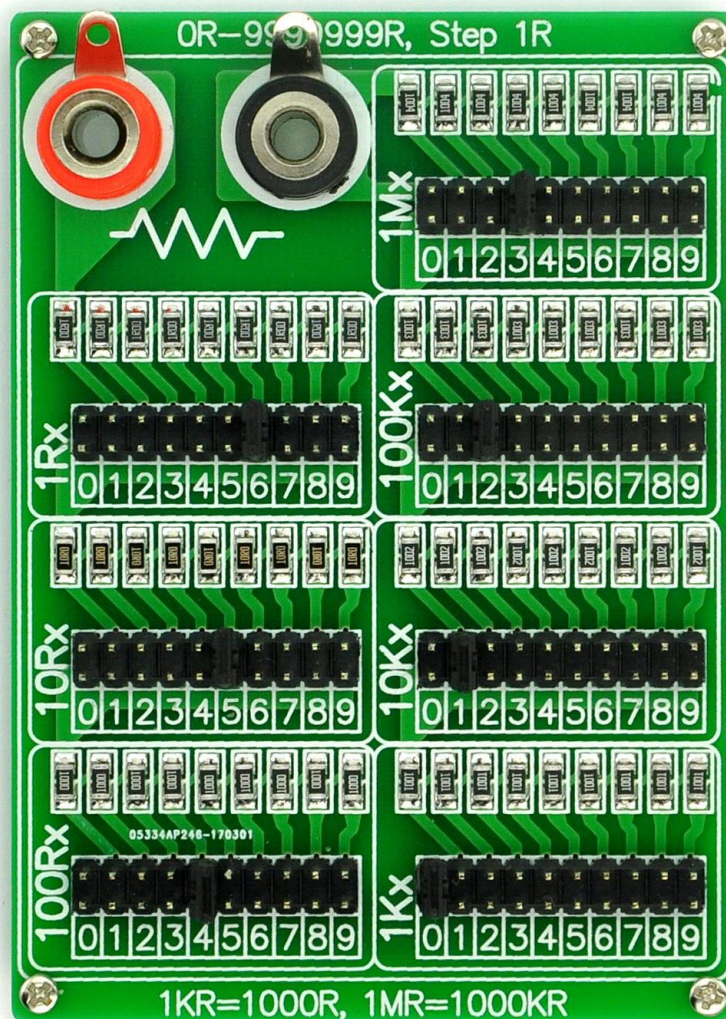


Electronics-Salon

SPECIFICATION

Model: E-100C Ver 1.3

0R - 9999999R Seven Decade Programmable Resistor Board



Description:

This is "resistance substitution box" good low-cost alternative solution, can flexible and quick setting resistance range from 1R to 9999999R, step accuracy 1R. for educational experiments, electronic engineering design or test trimming are excellent applications..

Features

Design based on "resistors series" theorem.

1/4 watt tolerance +/-1% 1206 SMD resistors.

4mm banana sockets with plugs, easy to connect wires.

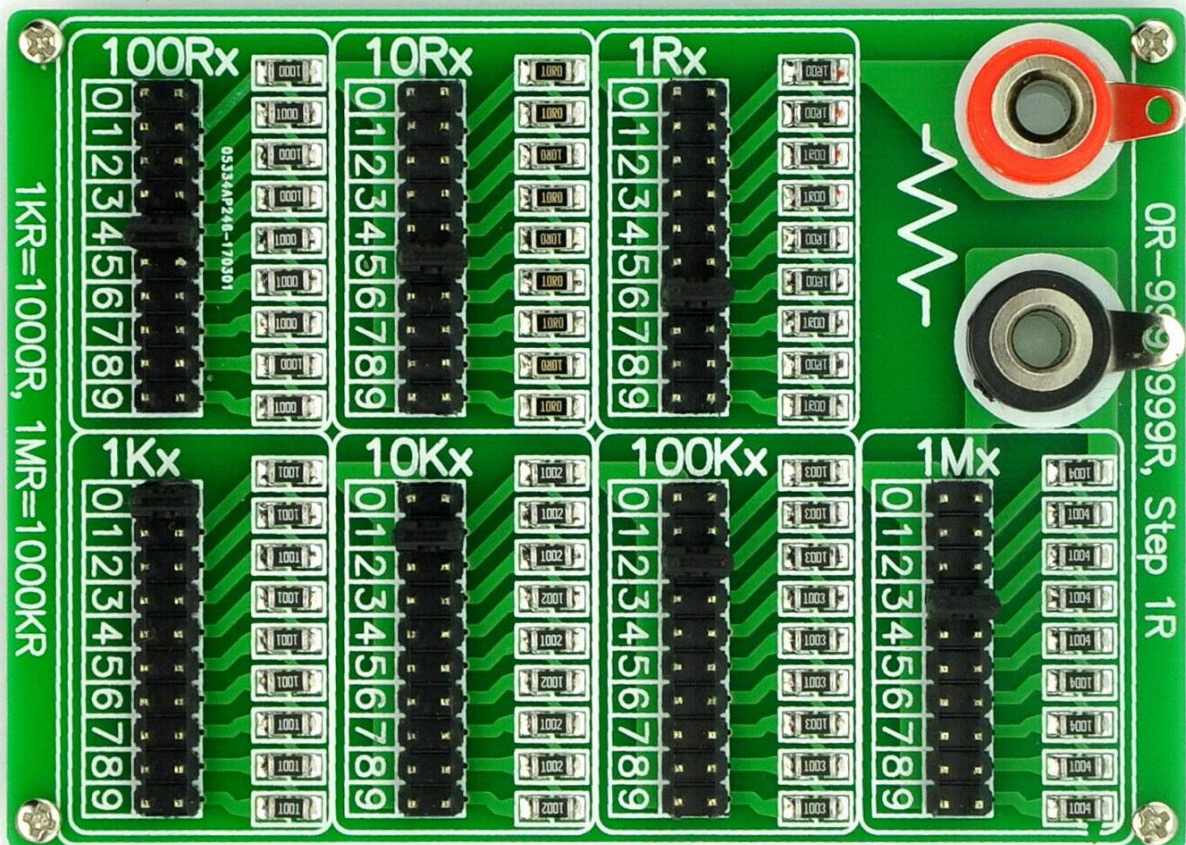
High quality FR4 glass fiber PCB.

Note:

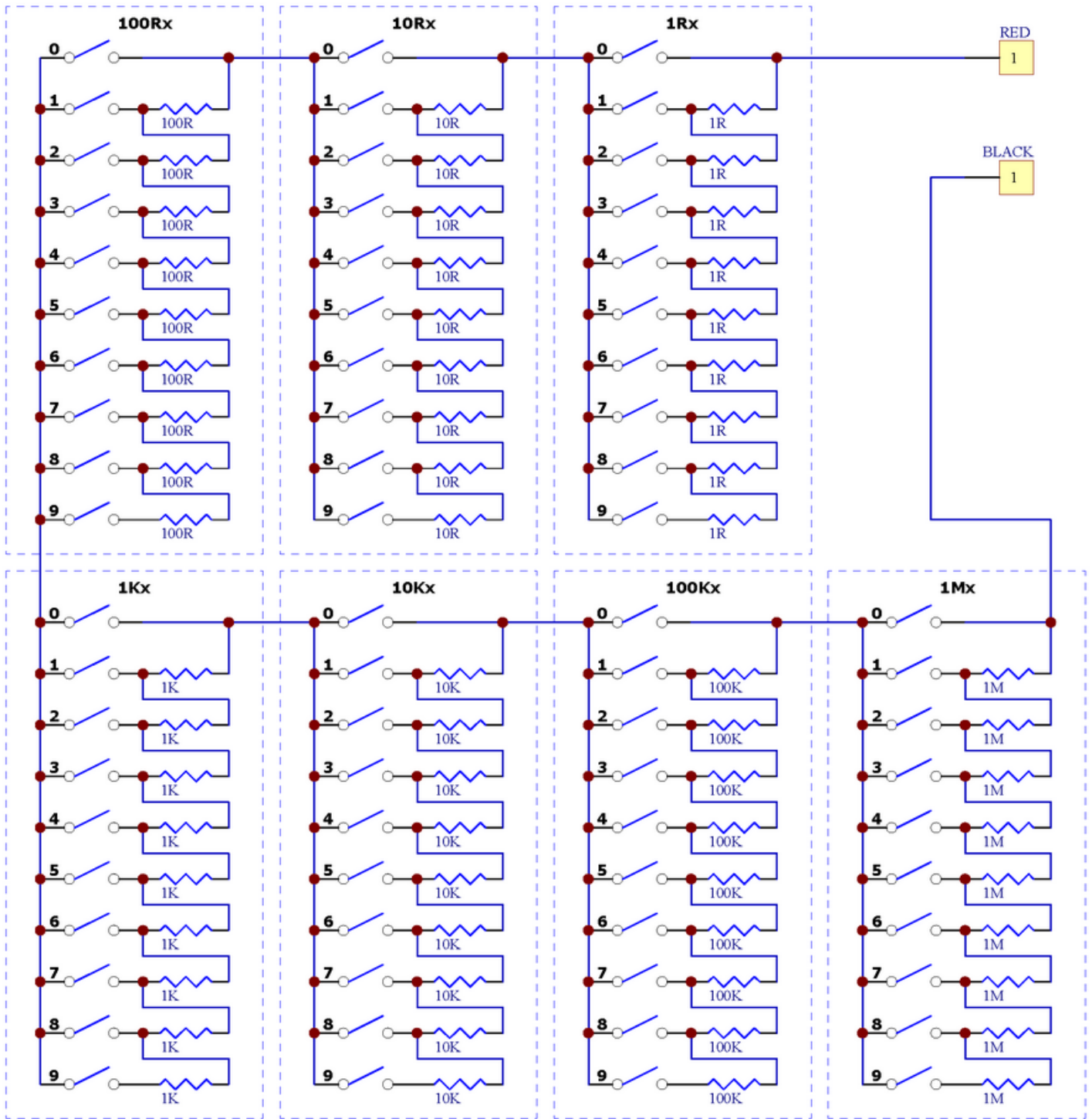
1, Typically terminals and wires contact resistance 10~50 mOHM, in 0R~10R tolerance may will greater than +1%.

2, If you use a multimeter to verify that the circuit board, 0R~10R and 1M~9.999999MR may will inaccurate, the problem comes from the multimeter. you can use a professional LCR instrument test instead of a multimeter.

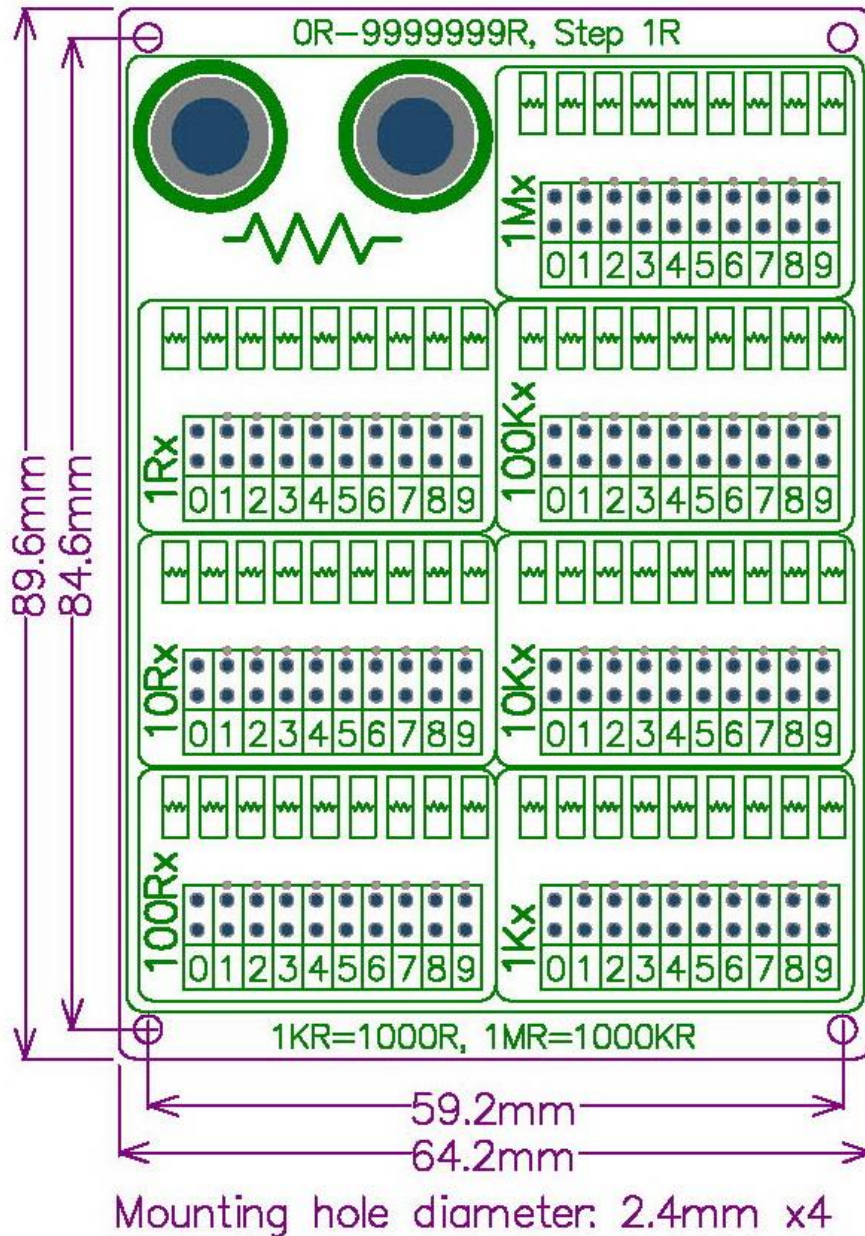
Example: 3,210,456 OHM jumper settings:



Schematic:



PCB Size:



Version History:

Ver 1.0: Initial version.

Ver 1.1: Changed connector, terminal block change to 4mm banana sockets with plugs.

Ver 1.2: Not formally mass production.

Ver 1.3: Changed to 1206 SMD resistors