



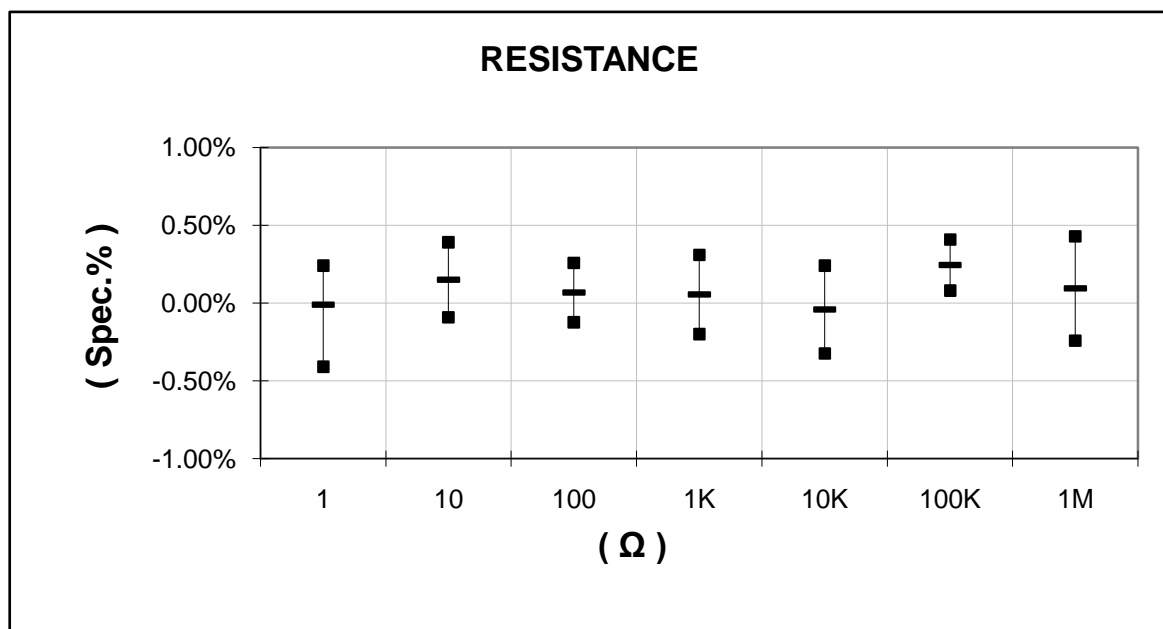
RELIABILITY TEST OF CHIP RESISTOR - 0805 - 1%

Test : Resistance
JIS C 5202 5.1

Test Equipment : Digital Multimeter 34420A
Digital Multimeter 34401A

Spec: ± 1 % (1 Ω ~ 1 MΩ)

Date of test completed: 7.11.2008



Sample size, 10pcs per value



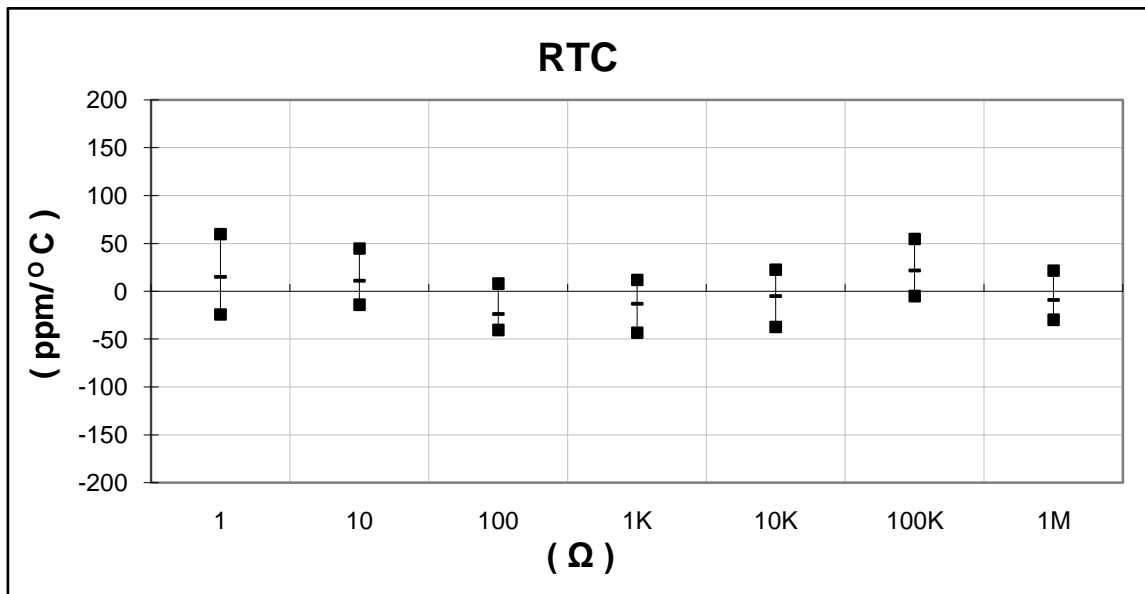
RELIABILITY TEST OF CHIP RESISTOR - 0805 - 1%

Test : Resistance Temperature of Coefficient
JIS C 5202

Test Equipment : Delta Oven SE 369
Digital Multimeter 34420A
Digital Multimeter 34401A
Test temperature 125 °C ± 5°C keep
samples for 30 ~45 mins, then measure
the sample reistance at that temperature.

Spec: ± 200ppm/°C (1 Ω ≤ R < 10 Ω)
± 100ppm/°C (10 Ω ≤ R < 1 MΩ)

Date of test completed: 7.11.2008



Sample size, 10pcs per value



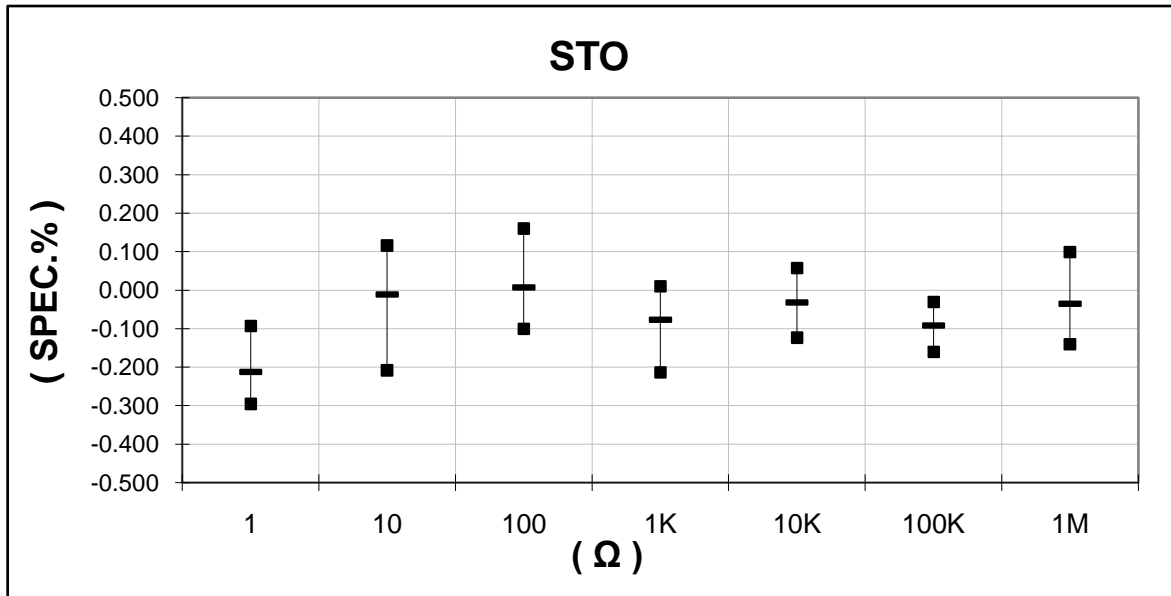
RELIABILITY TEST OF CHIP RESISTOR - 0805 - 1%

Test : Short Time Overload (STO)
JIS C 5202 5.5

Date of test completed: 7.11.2008

Test Equipment : Digital Multimeter 34420A
Digital Multimeter 34401A
STO Tester
Measure the initial reistance.
Apply 2.5 times RCWV but not exeeding
twice the max voltage to sample for 5 secs.
Removed the voltage, leaves sample for 30 mins.
Then measure final resistance.

Spec: ± 0.5%



Sample size, 10pcs per value



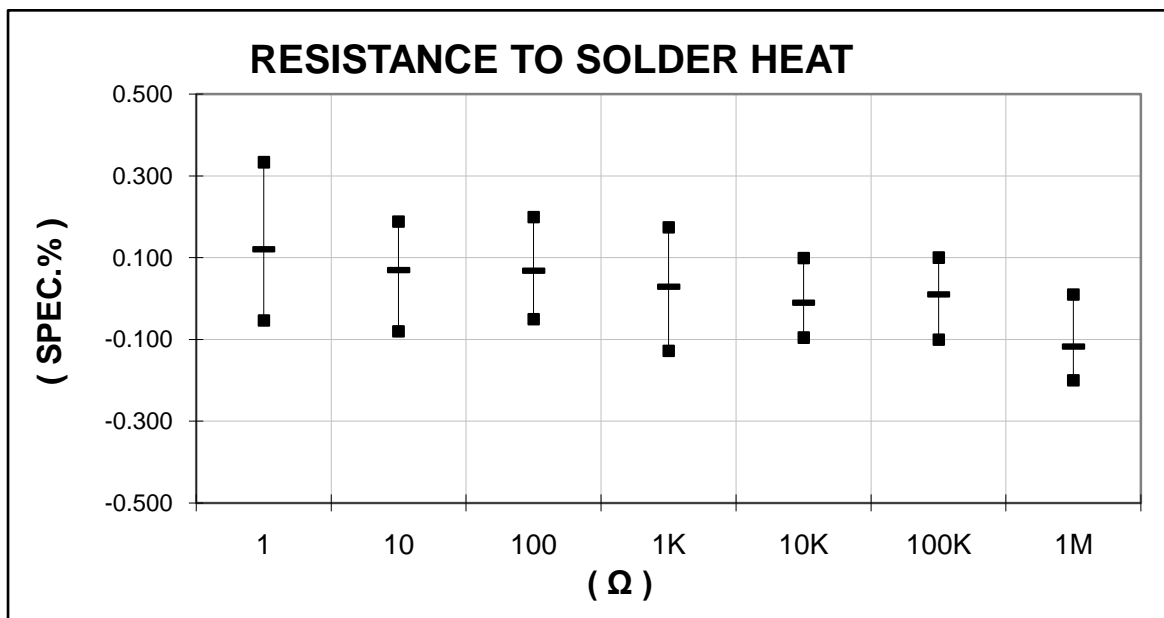
RELIABILITY TEST OF CHIP RESISTOR - 0805 - 1%

Test : Resistance to Soldering Heat
JIS C 5202 6.10

Test Equipment : Digital Multimeter 34420A
Digital Multimeter 34401A
Solder Pot 260 °C ± 5 °C
for 10 secs. ± 1sec.
Leaves sample for 1~2 hrs then
measure the final resistance.

Spec: ± 0.5 %

Date of test completed: 7.11.2008



Sample size, 10pcs per value



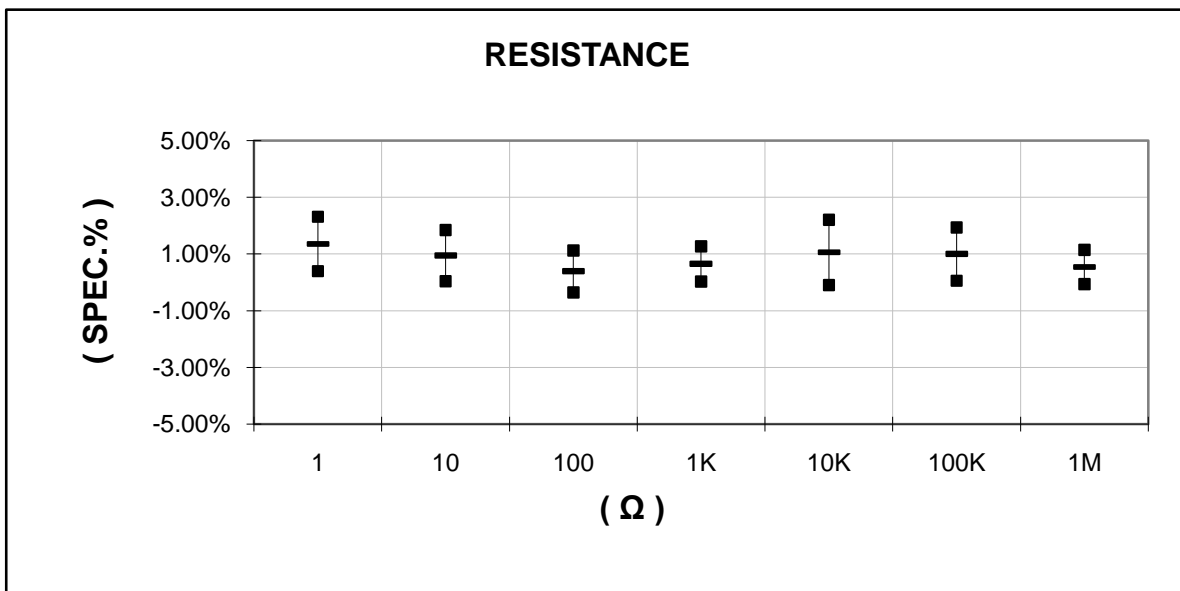
RELIABILITY TEST OF CHIP RESISTOR - 0805 - 5%

Test : Resistance
JIS C 5202 5.1

Test Equipment : Digital Multimeter 34420A
Digital Multimeter 34401A

Spec: ± 5 % (1 Ω ~ 1 MΩ)

Date of test completed: 07.11.2008



Sample size, 10pcs per value



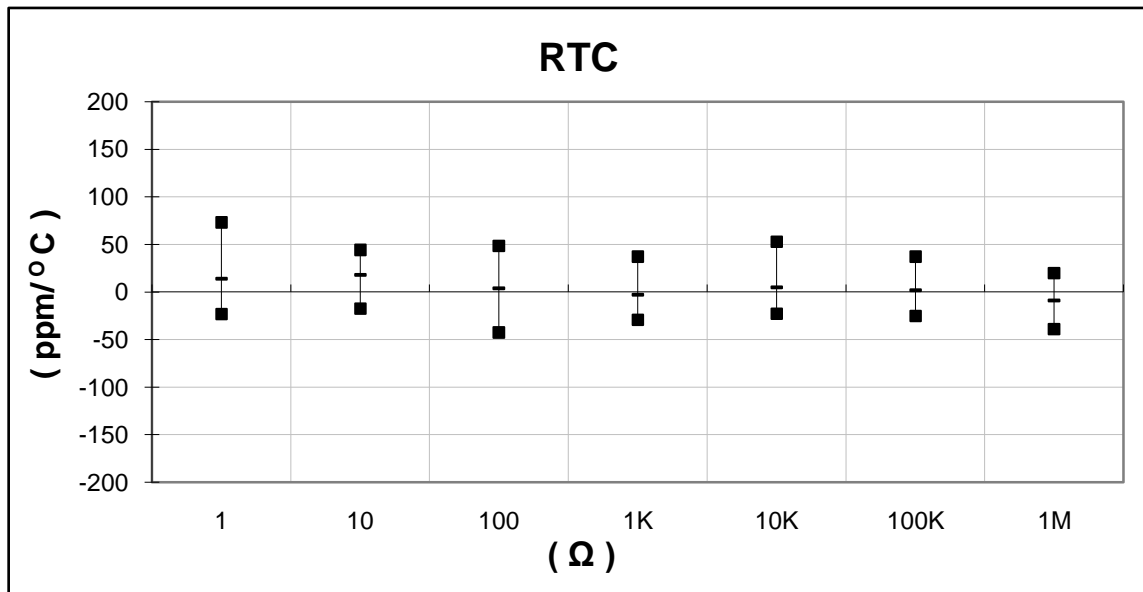
RELIABILITY TEST OF CHIP RESISTOR - 0805 - 5%

Test : Resistance Temperature of Coefficient
JIS C 5202 5.2

Date of test completed: 07.11.2008

Test Equipment : Delta Oven SE 369
Digital Multimeter 34420A
Digital Multimeter 34401A
Test temperature 125 °C ± 5°C keep
samples for 30 ~45 mins, then measure
the sample resistance at that temperature.

Spec: -200ppm/°C to +300ppm/°C (1Ω ≤ R < 10Ω)
± 200ppm/°C (10Ω ≤ R < 1MΩ)

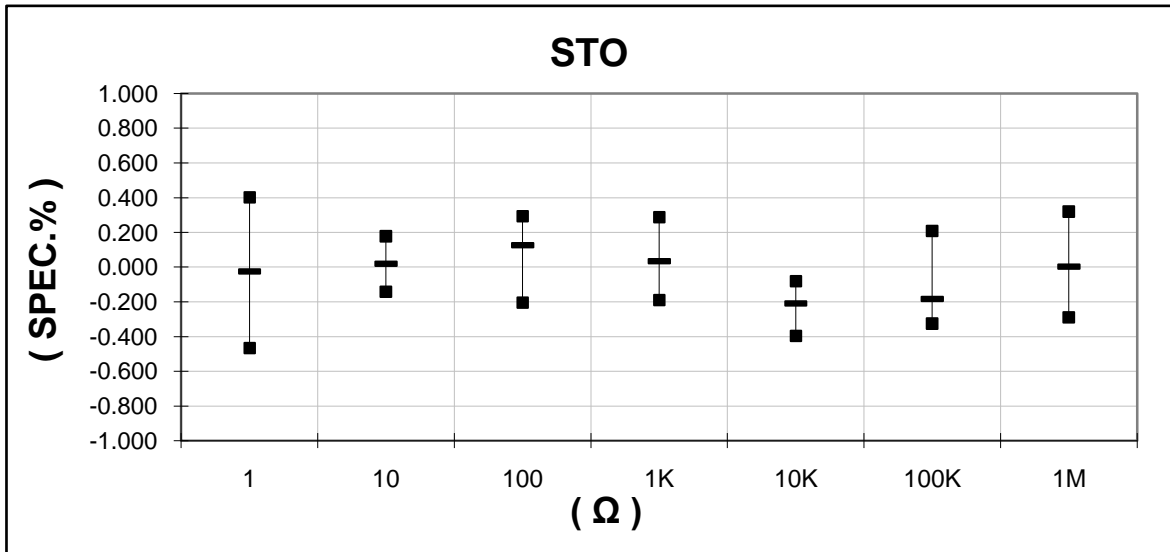


Sample size, 10pcs per value



RELIABILITY TEST OF CHIP RESISTOR - 0805 - 5%

Test :	<u>Short Time Overload (STO)</u>	Date of test completed: <u>07.11.2008</u>
	<u>JIS C 5202 5.5</u>	
Test Equipment :	<u>Digital Multimeter 34420A</u>	
	<u>Digital Multimeter 34401A</u>	
	<u>STO Tester</u>	
	<u>Measure the initial reistance.</u>	
	<u>Apply 2.5 times RCWV but not exeeding</u>	
	<u>twice the max voltage to sample for 5 secs.</u>	
	<u>Removed the voltage, leaves sample for 30 mins.</u>	
	<u>Then measure final resistance.</u>	
Spec:	<u>± 1%</u>	



Sample size, 10pcs per value



RELIABILITY TEST OF CHIP RESISTOR - 0805 - 5%

Test : Resistance to Soldering Heat

Date of test completed: 07.11.2008

JIS C 5202 6.10

Test Equipment : Digital Multimeter 34420A

Digital Multimeter 34401A

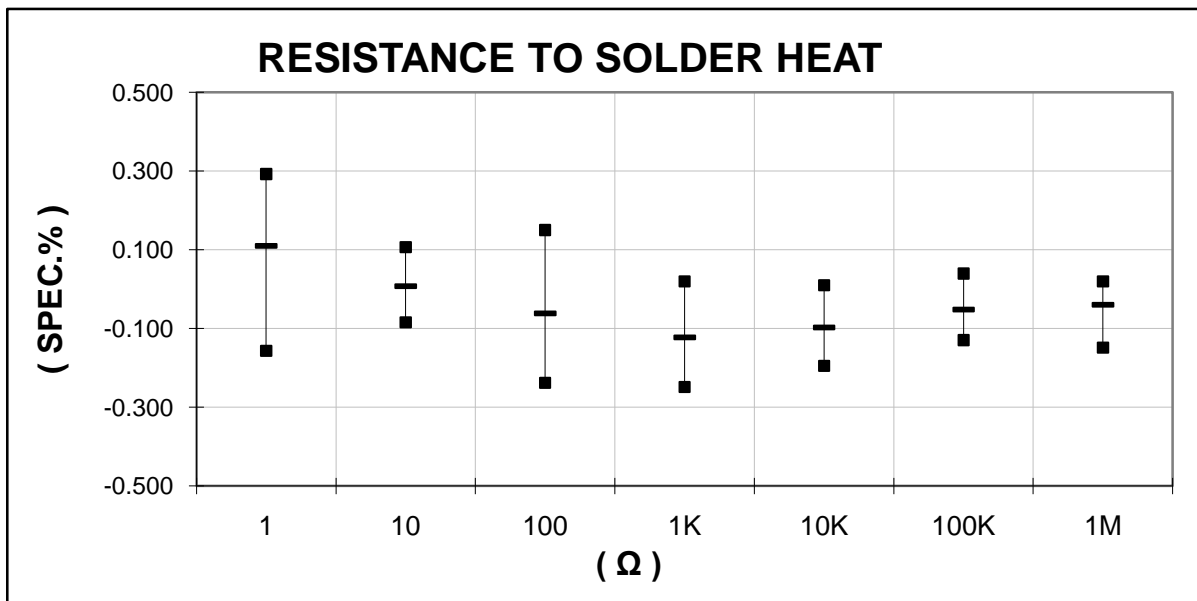
Solder Pot 260 °C ± 5 °C

for 10 secs. ± 1sec.

Leaves sample for 1~2 hrs then

measure the final resistance.

Spec: ± 0.5 %



Sample size, 10pcs per value