



■Environmental Characteristics

Item	Requirement	Test Method
Short Time Overload	$\pm(0.75\%+0.05\Omega)$	JIS-C-5201-1 5.5 RCWV*2.5 or Max. overload voltage for 5 seconds
Insulation Resistance	$> 1000M\Omega$	JIS-C-5201-1 5.6 Apply $100V_{DC}$ for 1 minute
Endurance	$\pm(3\%+0.05\Omega)$	JIS-C-5201-1 7.10 $70\pm 2^{\circ}C$, Max. working voltage for 1000 hrs with 1.5 hrs "ON" and 0.5 hrs "OFF"
Damp Heat with Load	<input type="checkbox"/> $100K\Omega\pm 3\%$ <input type="checkbox"/> $100K\Omega\pm 5\%$	JIS-C-5201-1 7.9 $40\pm 2^{\circ}C$, $90\sim 95\%$ R.H. Max. working voltage for 1000 hrs with 1.5 hrs "ON" and 0.5 hrs "OFF"
Solderability	90% min. Coverage	JIS-C-5201-1 6.5 $245\pm 5^{\circ}C$ for 3 seconds
Dielectric Withstanding Voltage	By Type	JIS-C-5201-1 5.7 Apply Max. Overload Voltage for 1 minute
Temperature Coefficient	$< 100K\Omega + 350ppm\sim 500ppm$ $100K\Omega\sim 1M\Omega - 0ppm\sim 700ppm$ $> 1M\Omega - 0ppm\sim 1500ppm$	Resistance value at room temperature and room Temperature+ $100^{\circ}C$
Pulse Overload	$\pm(1\%+0.05\Omega)$	JIS-C-5201-1 5.8 4 times RCWV for 10000 cycles with 1 second "ON" and 25 seconds "OFF"
Resistance To Solvent	No deterioration of coatings and markings	JIS-C-5201-1 6.9 Trichroethane for 1 min. with ultrasonic
Terminal Strength	Tensile: $\square 2.5$ kg	Direct Load for 10 seconds In the direction off the terminal leads

■ Rated Continuous Working Voltage(RCWV) = $\sqrt{P \cdot R}$

■ Storage Temperature: $25\pm 3^{\circ}C$; Humidity $< 80\%RH$