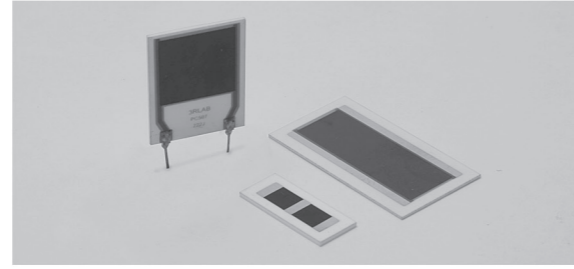


Power Chip Resistors

- Light weight
- High power density
- Non inductive
- In rush current Limiters
- Snubber circuits
- Power is able to be on PCB
- Wide Resistance Range
- Very lower cost
- Power supply preloads
- UPS systems



GENERAL SPECIFICATIONS

Model	Resistance[Ω]		Power Rating[W]	Max Working Voltage	Tolerance[%]	TCR
	Min from	Max up to				
PC203	1	1M	3.0	350VAC, 500VDC	F (±1) G (±2) J (±5)	±50ppm/°C ~±100ppm/°C Referenced to 25 °C
PC205	1	1M	5.0	350VAC, 500VDC		
PC207	1	1M	7.5	350VAC, 500VDC		
PC015	1	1M	15.0	350VAC, 500VDC		
PC025	1	1M	25.0	350VAC, 500VDC		
PC050	1	1M	50.0	350VAC, 500VDC		
PC0100	1	1M	100.0	350VAC, 500VDC		

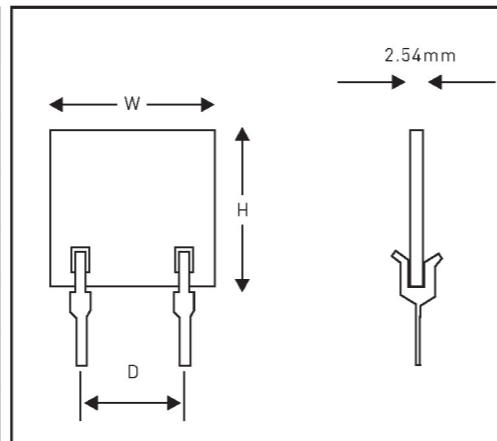
CHARACTERISTICS

Values in [] mean change in Ω after test

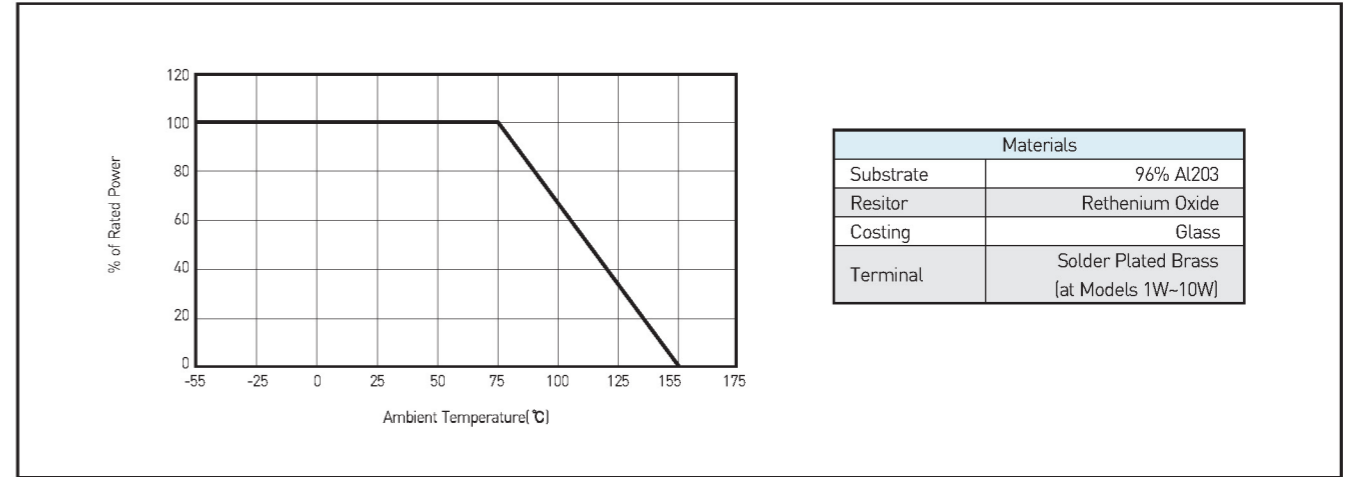
Operating Temperature Range	-55°C to +150°C	
Overload	5×power rating as long as the one sec. average dissipation dose not exceed the power rating	
Thermal Shock	≤±0.5%	-55°C ↔ +150°C 5cycles
Moisture Resistance	≤±0.5%	at 40°C, 95% humidity for 1000hours
Long-term Stability	≤±0.5%	at normal temperature and humidity for 1000hours
Resistance to Solder Heat	≤±0.5%	260°C ±5°C 10sec.

DIMENSIONS [mm]

Model	P	W	H
PC203	5.08±0.254	12.7±0.381	15.24±0.381
PC205	5.08±0.254	12.7±0.381	25.4±0.381
PC207	5.08±0.254	19.05±0.381	25.4±0.381
PC015	26.4±0.5	31.75±0.381	30.48±0.381
PC025	48.26±0.5	54.356±0.381	27.94±0.381
PC050	48.26±0.5	54.356±0.381	54.356±0.381
PC0100	104.14±0.5	111.76±0.381	55.88±0.381



DERATING CURVES AND MATERIALS



ORDERING PROCEDURE EXAMPLE

