

RQ015

High Power Capacitor Discharge Resistors



■ GENERAL SPECIFICATIONS

Model	Wattage Rating	Resistance Range(Ω)			Resistance Tolerance
		Glass Fiber Core (GC)	Ceramic Core (CC)	Metal Oxide Film (MO)	
RQ015	10W	0.5~1.5K	0.3~10K	10~75K	R \leq 1 Ω : \pm 10% R>1 Ω : \pm 5%

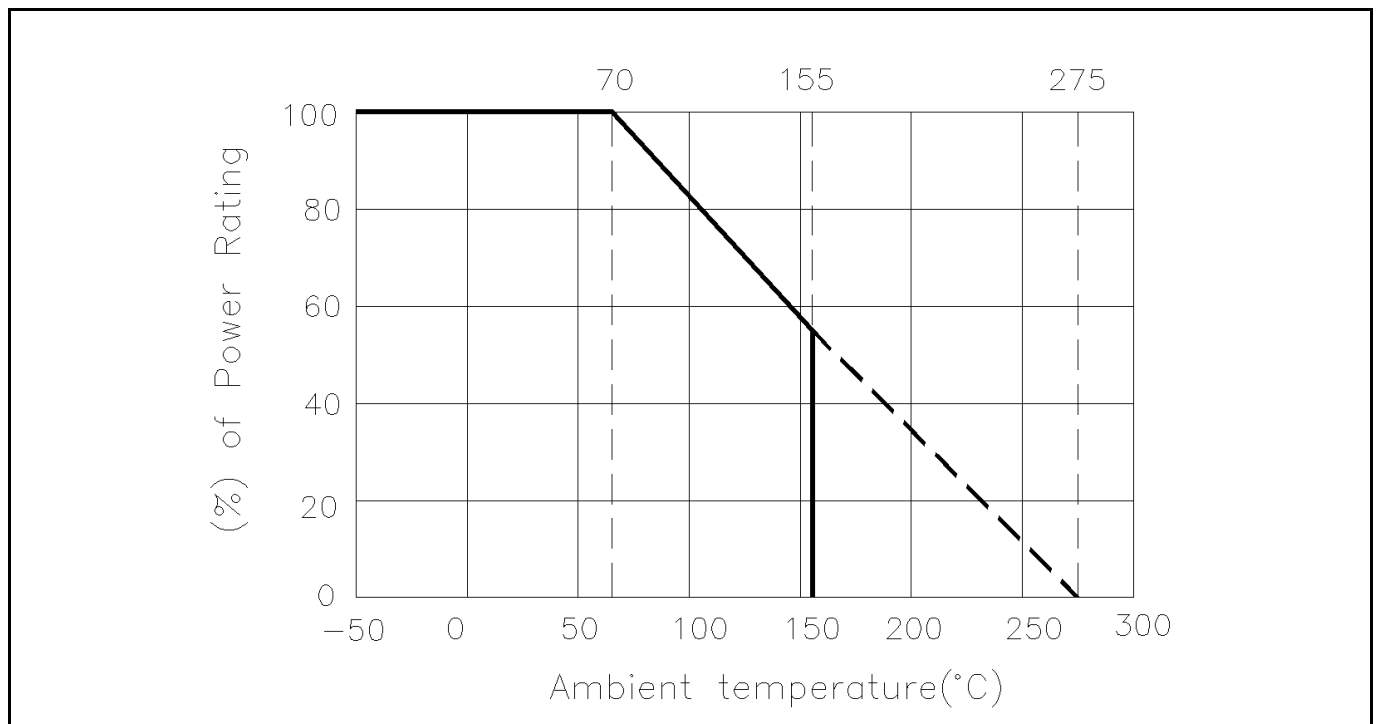
■ CHARACTERISTICS

Values in [] mean change in Ω after test

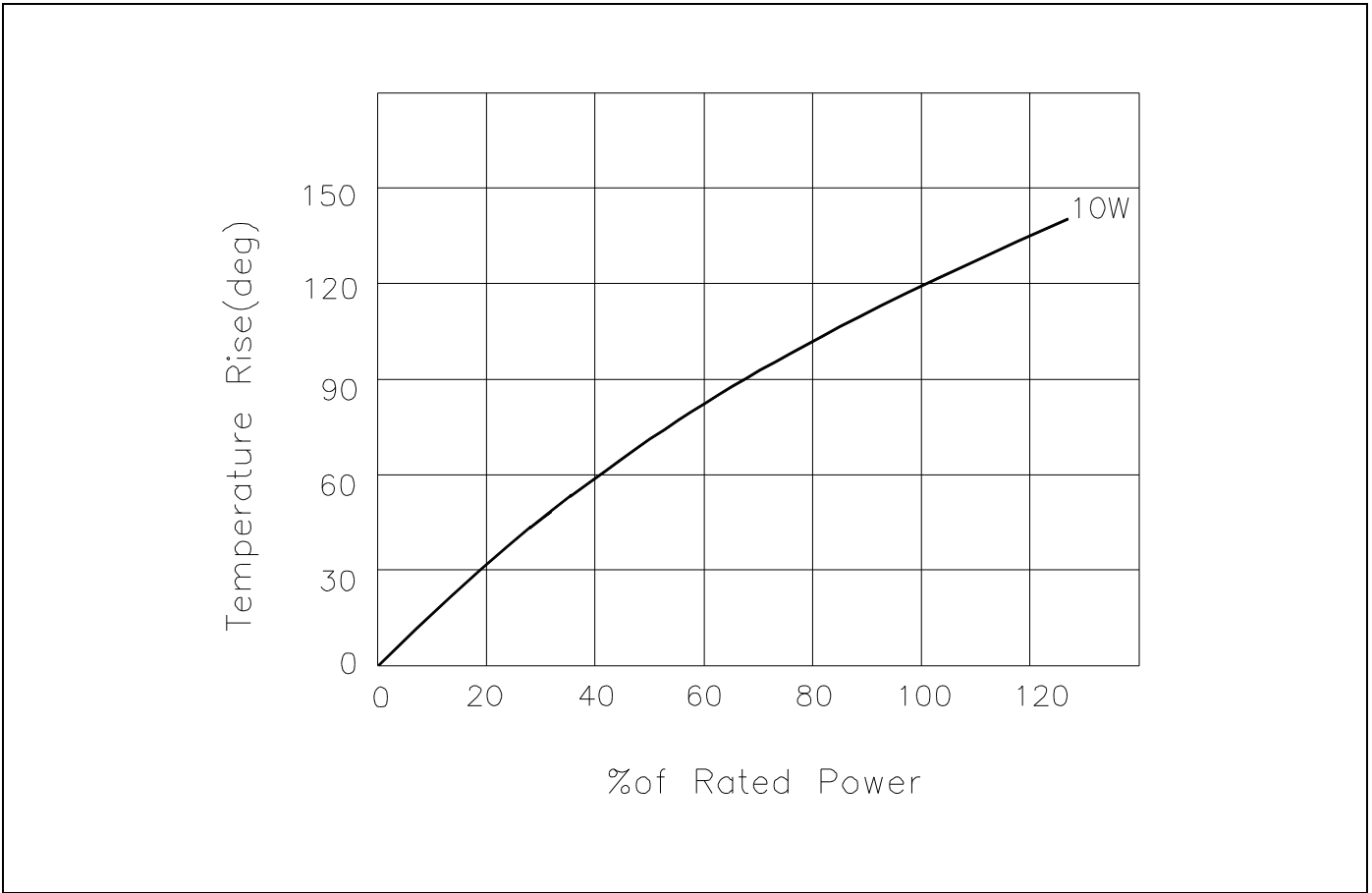
Temperature Range		-25 $^{\circ}$ C~155 $^{\circ}$ C
Insulation Resistance		DC500V, 20M Ω Minimum
Dielectric Withstanding Voltage		AC 1500V for 1minute
Temp. Coefficient		Max. \pm 490ppm/ $^{\circ}$ C
Short Time Overload	Δ R \pm [2%+0.05 Ω]	10 Times rated power for 5 sec.
Moisture Resistance	Δ R \pm [3%+0.05 Ω]	DC 100V, 40 $^{\circ}$ C 95% RH, 500h
Thermal Shock	Δ R \pm [2%+0.05 Ω]	Power Rating 30 min., -25 $^{\circ}$ C 15min.
Moisture Load Life	Δ R \pm [3%+0.05 Ω]	40 $^{\circ}$ C 95% RH, 10% Power Rating 90min.-ON
Load Life	Δ R \pm [7%+0.05 Ω] MOR = \pm 15%	Power Rating 90min.-ON, 30min.-OFF
Solderability		75% Coverage minimum

Note : Applied voltage : AC RMS voltage

■ DERATING CURVE



■ SURFACE TEMPERATURE INCREASE VERSUS POWER LOAD



■ DIMENSIONS

Model	Dimensions(mm)			
	A±1.5	B±1	C±1	
RQ015	48	13	13	

■ ORDERING PROCEDURE EXAMPLE

