

RPW

High Voltage Metal Film Resistors

RoHS
COMPLIANT

FEATURES

- High voltage radial leaded, through-hole 1W rating and 5% tolerance.
- E6 resistance values are available.
- Long life, high performance thick film resistors, applied to general uses for industrial circuits with sufficient power derating.
- Long term stability, wide operating temperature range and low failure rate.

APPLICATIONS

- industrial electronics applications as industrial machine
- Industrial measurements
- Automatic testing
- Medical electronics system

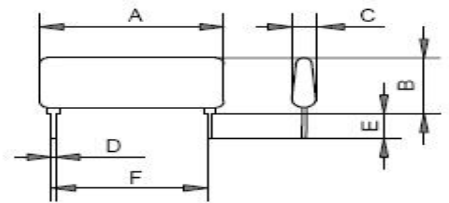


GENERAL SPECIFICATIONS

Model					Power Rating	Max. Applied Voltage
RPW14	RPW15	RPW16	RPW17	RPW18	1W	10kV

DEMENSIONS (mm)

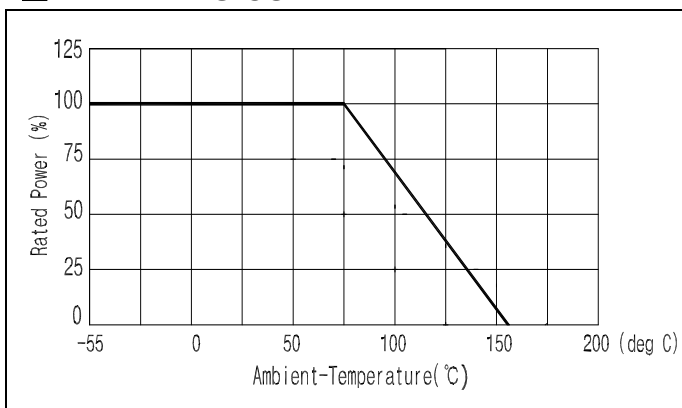
Model	A	B	C	D(Leads)	E	F
RPW14	12.6±1.5	9.0 ±1.0	2.5 ±0.8	0.5(x0.25)	3.3 ±0.5	10.16±0.3
RPW15	15.1±1.5					12.70±0.3
RPW16	17.6±1.5					15.24±0.3
RPW17	20.2±1.5					17.78±0.3
RPW18	22.7±1.5					20.32±0.3



CHARACTERISTICS

Resistance Value	500Ω - 100MΩ
Resistance	E6
Temp. Coefficient (TCR)	About 100ppm/K
Tolerance	5.0%(J), 10%(K), 20%(M)
Rated Ambient Temp.	-55 - +70 deg C
Operationg Temp. Range	-55 - +155 deg C
Storage Temp. Range	-55 - +155 deg C
Max Applied Voltage	10kV

DERATING CURVE



ODERING PROCEDURE EXAPLE

RPW14	-	106	J	Z00
Model RPW14 RPW15 RPW16 RPW17 RPW18	Space	Resistance 106 107 108 etc.	Tolerance J (5%) K (10%) M (20%)	Additional Z00