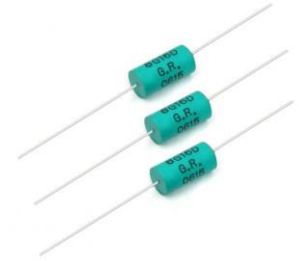


Precision Wire Wound Resistors

General Resistance precision wire wound resistors should be specified whenever precision circuit operation is to be maintained over a prolonged period of time. These resistors provide a higher resistance stability and a higher initial calibration accuracy than any other class of resistor. They also offer excellent noise levels and lower temperature coefficients.



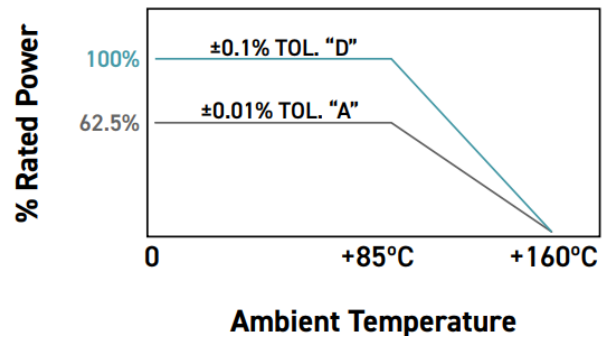
GENERAL SPECIFICATIONS

Model	Power Rating [at +85°C]	Maximum Working Voltage	Resistance Range	Tolerance At 25°C
			Standard	
8G16	±0.01% : 0.2W ±0.1% : 0.33W	200VDC(or AC pk.)	1Ω to 699KΩ	*±0.005% ±0.01% ±0.1%

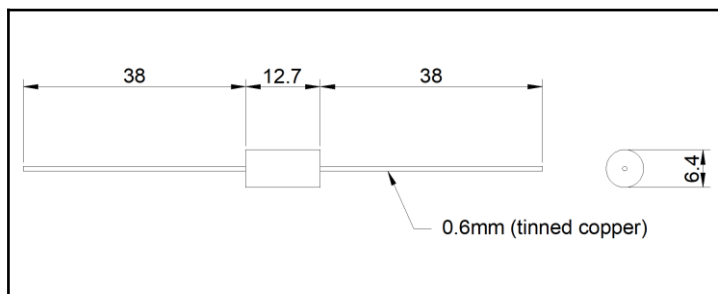
* 0.005% available on special order.

DERATING CURVE

Power dissipation at ambient temperature:
General Resistance resistors are designed to operate at a full load up to +85°C.
At temperatures in excess of +85°C, the derating curves must be observed. If power ratings are exceeded, the resistor may not perform at specified accuracy



DIMENSIONS[mm]



ORDERING PROCEDURE EXAMPLE

Model	Tolerance	Resistance
8G16	A : ±0.01% D : ±0.1%	R value in Ohms Ex) 10K

CHARACTERISTICS

Temperature Range	-55°C to +160°C
Temperature Coefficient	±5ppm/°C (-55°C to +125°C)
Thermal EMF	1.5µV/°C maximum
Noise	Immeasurable
Outer casing	Molded shell sealed with epoxy
Leads	22AWG tinned copper
Stability	±35ppm/yr.

■ STANDARD RESISTANCE VALUES[Ω]

10	200	1.0K	10K	100K
20	250	1.5K	20K	180K
30	300	2.0K	30K	200K
40	350	2.5K	40K	250K
50	400	3.0K	50K	300K
60	500	4.0K	60K	400K
70	600	5.0K	70K	500K
80	700	6.0K	80K	
90	800	7.0K	90K	
100	900	8.0K		
120		9.0K		

The "standard" resistance values listed in the table below are normally immediately available from stock in reasonable quantities. It should be stressed, however, that any resistance value from 1Ω to 699KΩ can be ordered to meet specific requirements (depending on model).