

**RoHS  
Compliant**

## Specifications:

### Material

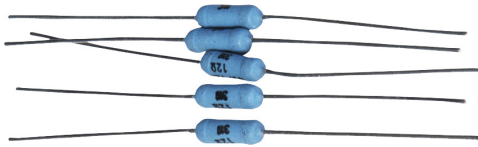
Coating : Conformal Silicon Ceramic  
 Core : Ceramic  
 Terminals : Solder-Coated copper clad axial lead  
 Derating Linearly from 100% @ +25°C to 0% @ +275°C  
 Power Rating : Based on 25°C free air rating

### Overload

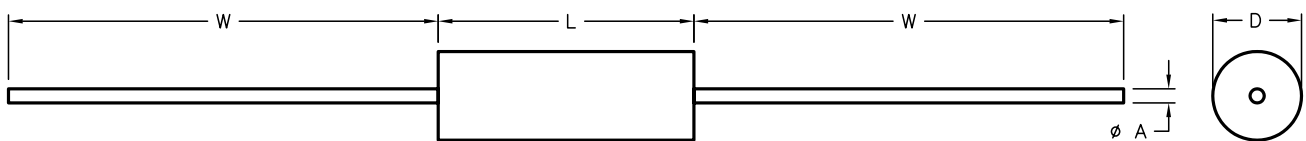
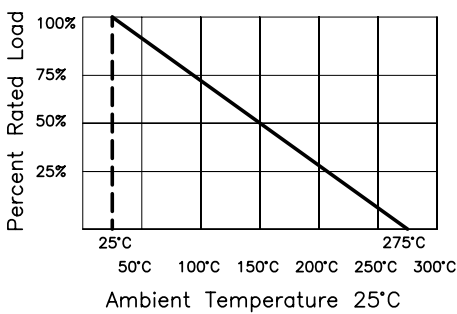
>5W : 5 times rated wattage for 5 seconds  
 ≤5W : 10 times rated wattage for 5 seconds

### Temperature Coefficient

>1Ω : ±90 ppm/°C  
 1Ω to 9.99Ω : ±50 ppm/°C  
 ≤10Ω : ±20 ppm/°C



## Wattage Derating Chart



## Part Number Table

Description	Resistance (Ω) ±1%	Wattage (W)	L (Inches)	W (Inches)	D (Inches)	A (Inches)	Part Number
Axial lead Wirewound Resistors, Silicon, 1%	0.1	1	0.437	1.5	0.125	0.0201	MC14693
	0.13						MC14694
	0.15						MC14695
	0.33						MC14696
	0.5						MC14697
	1						MC14698

Description	Resistance (Ω) ±1%	Wattage (W)	L (Inches)	W (Inches)	D (Inches)	A (Inches)	Part Number
Axial lead Wirewound Resistors, Silicon, 1%	2	3	0.593	1.5	0.218	0.032	MC14699
	3						MC14700
	4						MC14701
	5						MC14702
	10						MC14703
	15						MC14704
	20						MC14705
	25						MC14706
	33	5	0.937		0.343	0.0403	MC14707
	40						MC14708
	50						MC14709
	100						MC14710
	250						MC14711
	500						MC14712

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