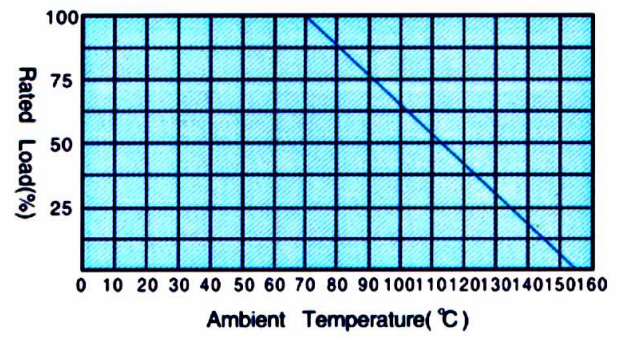
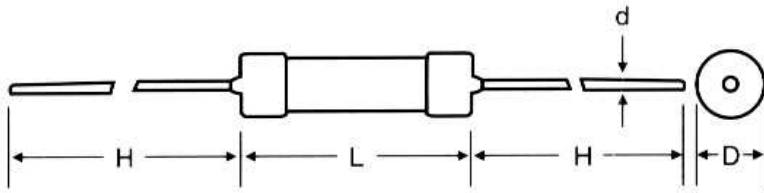


Metal film resistor



SPECIFICATIONS

POWER RATING	MAXIMUN WORKING VOLTAGE	MAXIMUN OVERLOAD VOLTAGE	DIMENSIONS(mm)			
			L	D	H	d±0.02
1/6W,1/8W	220V	400V	3.2±0.2	1.8±0.2	28±2.0	0.45
1/4W	250V	500V	6.0±0.5	2.3±0.5	26±2.0	0.52
1/2W	350V	700V	9.0±0.5	3.2±0.5	26±2.0	0.60
1W	500V	1000V	11.0±1.0	4.2±0.5	35±3.0	0.75
2W	500V	1000V	15.0±1.0	5.0±0.5	33±3.0	0.75

RESISTANCE RANGE

Type	Tolerance	15ppm TC±25ppm	TC±50ppm	TC±100ppm	Remark
1/6W, 1/8W	±1%	100Ω-100KΩ	10Ω-1MΩ	10Ω-1MΩ	Standard 10Ω-1MΩ
	±0.5%	100Ω-100KΩ	51.1Ω-200KΩ	51.1Ω-511KΩ	
	±0.25%	100Ω-100KΩ	51.1Ω-200KΩ	51.1Ω-511KΩ	
	±0.1%	100Ω-100KΩ			
1/4W	±1%	51.1Ω-511KΩ	10Ω-1MΩ	10Ω-1MΩ	
	±0.5%	51.1Ω-511KΩ	10Ω-1MΩ	10Ω-1MΩ	
	±0.25%	100Ω-330KΩ	51.1Ω-330KΩ		
	±0.1%	100Ω-100KΩ			
1/2W	±1%	51.1Ω-1MΩ	10Ω-2.2MΩ	10Ω-1MΩ	
	±0.5%	51.1Ω-1MΩ	10Ω-1MΩ	10Ω-1MΩ	
	±0.25%	100Ω-511KΩ	51.1Ω-511KΩ		
	±0.1%	100Ω-330KΩ			
1W	±1%	51.1Ω-1MΩ	10Ω-2.2MΩ	10Ω-1MΩ	
	±0.5%	51.1Ω-1MΩ	10Ω-1MΩ	10Ω-1MΩ	
	±0.25%	100Ω-511KΩ	51.1Ω-511KΩ		
	±0.1%	100Ω-330KΩ			
2W	±1%	51.1Ω-1MΩ	10Ω-2.2MΩ	10Ω-1MΩ	
	±0.5%	51.1Ω-1MΩ	10Ω-1MΩ	10Ω-1MΩ	
	±0.25%	100Ω-511KΩ	51.1Ω-511KΩ		
	±0.1%	100Ω-330KΩ			

ELECTRICAL PERFORMANCE

Test Items	Condition	MIL-R-10509
Operating Temp.	-30°C - +155°C	
Short Time Overload	2.5 times of RCWV for 5 secs	±(2%+0.05Ω)
Load life	70°C at rated power 1.5 hrs on; 0.5 hr off for 1000 hrs	±(5%+0.05Ω)
Dielectric Withstanding Voltage	Max Overload Voltage 1 Minute	±(0.5%+0.05Ω)
Temp.Cycling	-30°C /+85°C for 5 cycles	±(1%+0.05Ω)
Insulation Resistance	D.C.500V	1000MΩ
Moisture-proof Load Life	40°C 95% RH 1.5 hrs on /0.5 hr off cycle for 1000 hrs	±(5%+0.05Ω)
Solder Heat Resistance	350°C for 3.5 secs.	±(2%+0.05Ω)
Intermittence Overload Voltage	At 4 times RCWV 1sec On/25secs Off for 10000 cycles	±(5%+0.05Ω)

Total resistance change:(□R%+0.05Ω)