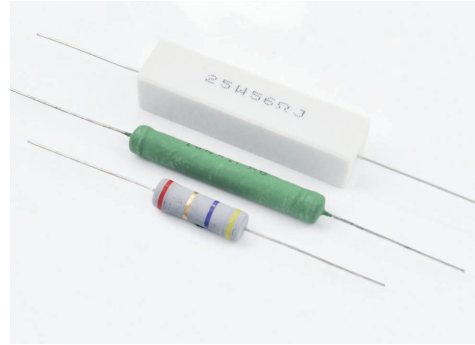


Resistors MResist



For high-load applications, wire-wound **cement resistors** with a continuous load capacity of 25 watt are a good option.

In comparison, **metal-oxide film resistors** do not have any residual inductivity. This is the reason why metal oxide film resistors should be favoured whenever impulse speed is required, e.g. in the medium/high frequency range. The versions we offer have a continuous load capacity of two and a half, five or ten watt. In the impulse range, however, they have a much higher continuous load capacity.



MR5

Metal-oxide film resistors, 5 watt

Ohm [Ω] ±2%
0,10
0,22
0,33
0,47
0,68
0,82
1,0
1,2
1,5
1,8
2,2
2,7
3,3
3,9
4,7
5,6
6,8
8,2
10
12
15
18
22
27
33
39
47
56

MR10

Metal-oxide film resistors, 10 watt

Ohm [Ω] ±2%
0,10
0,15
0,22
0,27
0,33
0,39
0,47
0,56
0,68
0,82
1,0
1,2
1,5
1,8
2,2
2,7
3,3
3,9
4,7
5,6
6,8
8,2
10
12
15
18
22
27
33
39
47
56

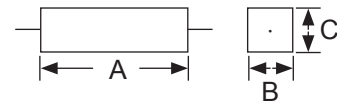
R25

High-load resistors, 25 watt

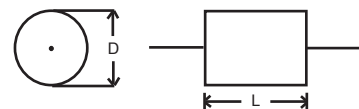
Ohm [Ω] ±5%
1,0
1,2
1,5
1,8
2,2
2,7
3,3
3,9
4,7
5,6
6,8
8,2
10
12
15
18
22
27
33
39
47
56

Colour codes for resistors

Color	1. ring 1. numeral	2. ring 2. numeral	3. ring multiplier	4. ring tolerance
without				20%
silver			0.01	10%
gold			0.1	5%
black		0	1	
brown	1	1	10	1%
red	2	2	100	2%
orange	3	3	1.000	
yellow	4	4	10.000	
green	5	5	100.000	0.50%
blue	6	6	1.000.000	0.25%
purple	7	7	10.000.000	0.10%
grey	8	8	100.000.000	0.05%
white	9	9	1.000.000.000	



Typ	A	B	C	Wire Dimensions [mm]	Bulk pack Ø * l [mm]	[pc]
R25	60	15	13	0.8 * 35		36



Type	L [mm]	D [mm]	Wire Ø * l [mm]	Bulk pack [pc]
MR5	24	8	0.8 * 35	12/567
MR10	52	8	0.8 * 35	12/288