

MR

The MR range of capacitors is the result of an extensive ground breaking 2 year research programme into audio grade capacitors.

The resulting capacitor is, we believe at the leading edge of today's high quality audio grade capacitors. The component is manufactured in such a way to substantially reduce the negative effects

of resonance on sonic quality which is inherent in a wound component. This results in a sonic characteristic which is difficult to equal.

Manufactured from metallised polypropylene film the component is housed in a coloured acrylic tube and encapsulated in an epoxy resin to assist in the overall sonic performance.



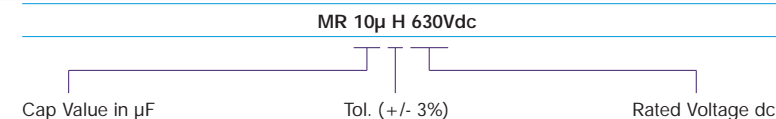
Technical details

Capacitance range	See table
Tolerance	±3% standard. Others by request
Dissipation factor	≤ 0.001 @ 1KHz & 20±3°C
Insulation resistance	≥ 10 ¹⁰ MΩ·μF @ rated voltage & 20±3°C
Rated voltage	630Vdc
Dielectric absorption	≤ 0.1% @ 20±3°C
Temperature range	-40 to +70°C
Environmental category	55/100/56 to EN 60068 - 1 (IEC 68 - 1)
Proof voltage test	1.5 x rated voltage for 30s. Not to be repeated
Vibration	EN 60068 - 2 - 6 (EIC 68 - 2 - 6) Test Fc 100 to 500 Hz 0.75mm or 98m/s ²
Bump	EN 60068 - 2 - 29 (EIC 68 - 2 - 29) Test Eb 400m/s ² 1000±10 bumps

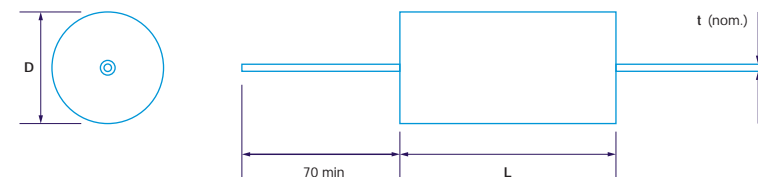
Size chart

CAP(μF)	L	D
100n	27	25
220n	35	25
330n	40	25
470n	40	25
680n	45	25
820n	40	38
1μF	40	38
2μ2F	50	38
3μ1F	65	38
3μ3F	65	38
3μ9F	50	50
4μ1F	50	50
4μ7F	50	50
5μ6F	65	50
6μ2F	65	50
6μ8F	85	50
8μ2F	85	50
10μF	85	50
12μF	85	76
15μF	85	76
16μF	85	76
18μF	85	76
22μF	85	76
27μF	85	76

Ordering details



Outline dimensions (maximum) in mm



Terminations are tinned copper wire (70mm long). Conductor diameter is 1mm. Uninsulated silver wire and other options are available upon request. Specifications are subject to change without notice.

