



MR



The MR range has been developed as a direct result of the 2 year research programme conducted between ClarityCap and the world renowned Acoustics Research Centre at the University of Salford.

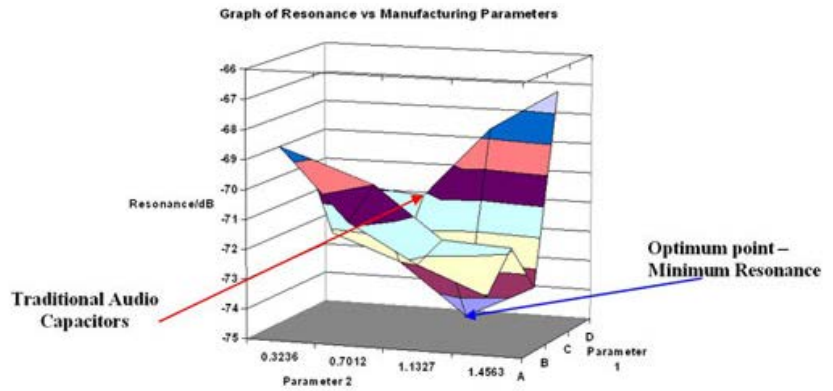
No stone was left unturned; the research encompassed all of the materials used in audio capacitors and any existing performance data together with analysis of manufacturing processes and techniques. The crucial factor to emerge was the effect that mechanical resonances within a capacitor have on sound quality and the importance of reducing or controlling a capacitor's sonic output.

The MR range harnesses all of the knowledge gathered throughout the research programme and offers a superior product based upon science and research. In practice the MR range has found acclaim with industry experts, OEM's and audiophiles for its spatiality and excellent separation.

The capacitor employs a non standard polypropylene film, ultra pure aluminium metallisation and is housed in a coloured acrylic tube, the result of which is a capacitor which virtually eliminates internal sonic resonance. Terminals are hand soldered tinned copper.

A guaranteed 3% tolerance ensures component to component consistency for a balanced system and reproducibility across production runs.

The graph below shows the relative sonic outputs between the SA (Traditional) and MR (Optimum Point) ranges.



SIZE CHART

400Vdc

Cap (nF/μF)	L (mm)	D (mm)
330n	40	25
470n	40	25
680n	40	25
820n	40	25
1μ0	40	25
2μ2	50	38
3μ1	50	38
3μ3	50	38
3μ9	50	38
4μ1	50	38
4μ7	50	38
5μ6	50	50
6μ2	50	50
6μ8	50	50
8μ2	50	50
10μ	65	50
12μ	65	50
15μ	65	50
16μ	85	50
18μ	85	50
22μ	65	76
27μ	65	76
35μ	65	76

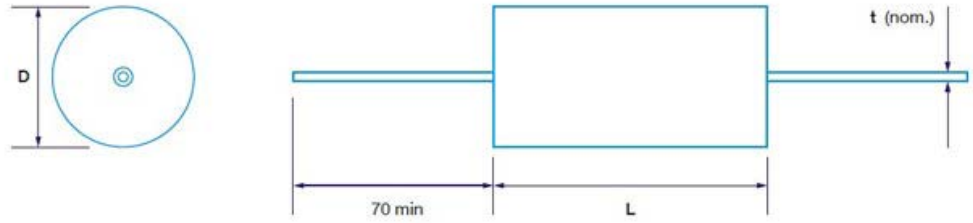
630Vdc

Cap (nF/μF)	L (mm)	D (mm)
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10n	27	25
15n	27	25
22n	27	25
33n	27	25
47n	27	25
68n	27	25
82n	27	25
100n	27	25
220n	35	25
330n	40	25
470n	40	25
680n	45	25
820n	40	38
1μ0	40	38
2μ2	50	38
3μ1	65	38
3μ3	65	38
3μ9	50	50
4μ1	50	50
4μ7	50	50
5μ6	65	50
6μ2	65	50
6μ8	85	50
8μ2	85	50
10μ	85	50
12μ	85	76
15μ	85	76
16μ	85	76
18μ	85	76
22μ	85	76
27μ	85	76

Dimensions are shown in mm (max). Intermediate values are available upon request.

COMPONENT OUTLINE



ORDERING DETAILS

MR 5u6 H 630V

MR	Type	5u6	Capacitance in nF/μF
H	Tolerance (3%)	630V	Rated dc voltage

