



DTAC

The DTAC range is a high performance addition to our range. It has been designed to produce the lowest possible resistance within the component, which we believe has a direct relationship to sonic performance.

A narrow 10 μ m(630Vdc) polypropylene film with a special spray and heat treatment contribute to the exceptional performance of this capacitor. These measures combined with hand soldered M8 male or female terminations ensure that the ESR is greatly improved when compared to the traditional axial leaded components.

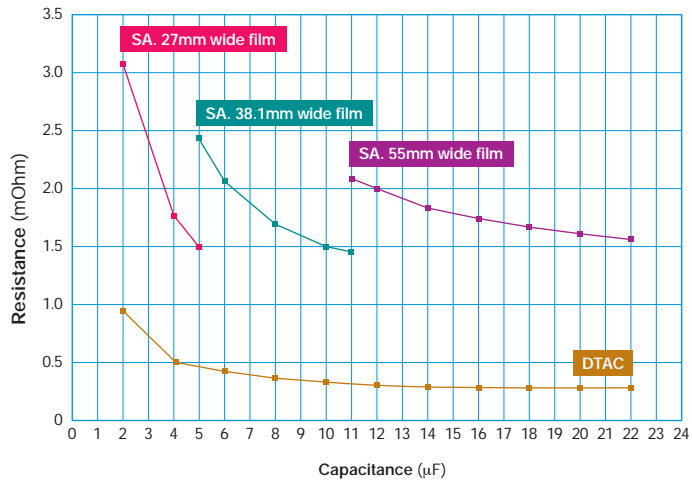
The low ESR is particularly relevant in high quality crossover networks, ensuring that loudspeakers perform to their optimum.

Tape and resin colours are flexible with options shown on page 16.

Unless specified, capacitors would be supplied with gold tape and black resin.

DTAC data

Ohmic Resistance (non-dielectric)
Comparison with standard SA with 0.5 metal thickness



Technical details

Capacitance range	See table
Tolerance	±5%
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	-55 to +100°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
RMS current rating	Please contact us for information

Size chart

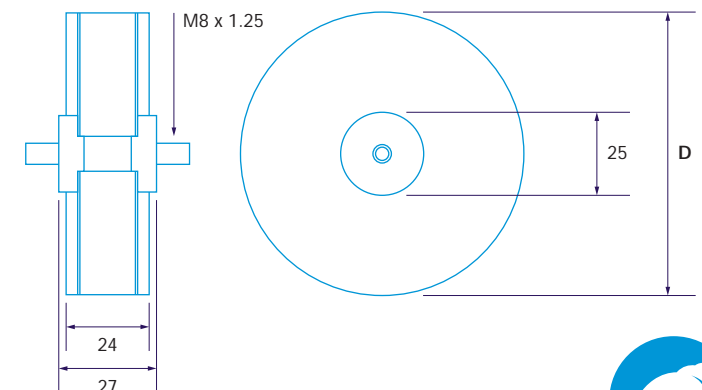
CAP(µF)	Typ dia (mm)	Min dia (mm)	Max dia (mm)
2.0	38	36	42
3.0	45	43	50
4.0	53	50	57
5.0	59	56	64
6.0	64	60	70
7.0	69	65	75
8.0	73	69	80
9.0	78	73	85
10.0	82	77	90
11.0	86	81	94
12.0	89	85	99
13.0	93	88	102
14.0	97	91	106
15.0	100	95	110
16.0	103	98	113
17.0	106	101	117
18.0	109	103	120
19.0	112	106	123
20.0	115	109	127
21.0	118	112	129
22.0	121	114	133

Ordering details

Please use the full part number, as example shown here:

DTAC 22µ J 630Vdc

Outline dimensions (maximum) in mm



Please note that intermediate capacitance values are available. Contact our sales department for details.

