



SA

The SA range of capacitors is now recognised as one of the best audiophile components currently available.

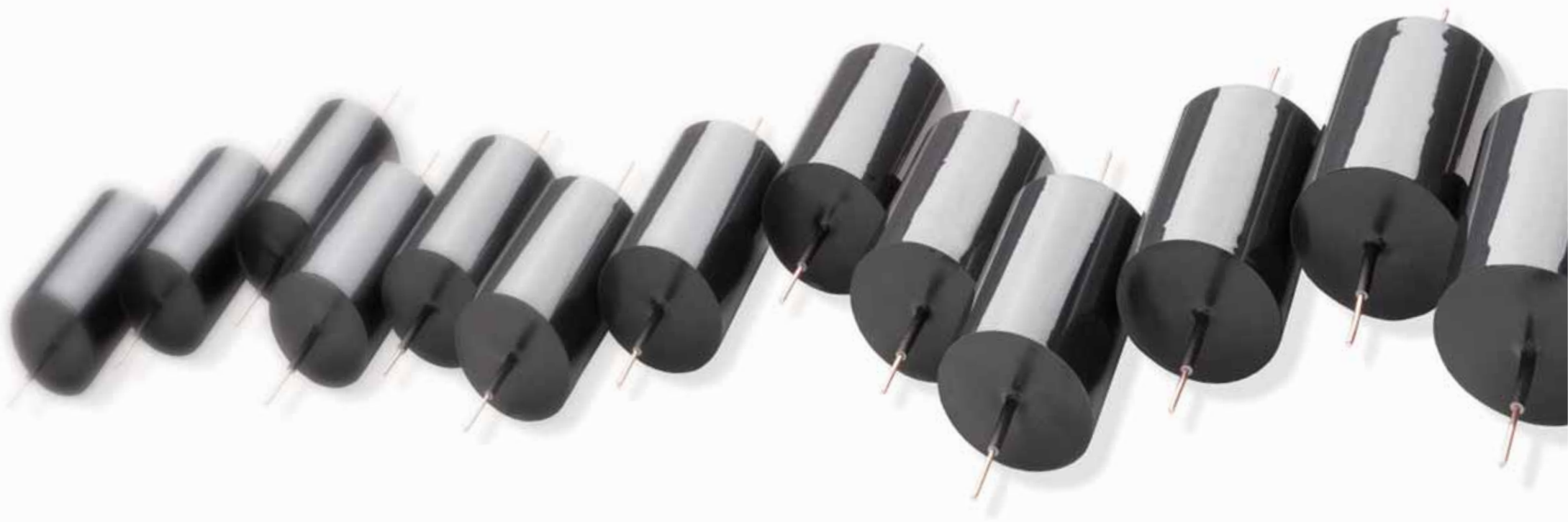
Specially developed to meet the needs of the professional audio engineer in both hi-fi and studio monitoring, these components are the result of extensive consultation between the audio industry and ClarityCap.

The capacitors are hand wound using a 10µm(630Vdc) rated polypropylene film. Following a special heat treatment cycle, insulated copper terminals are hand soldered to give the best possible connection.

The inherently low dissipation and dielectric absorption factors of polypropylene allied with an excellent mechanical stability results in an extremely detailed sonic performance.

The construction also results in a low self-inductance and ESR and the devices are highly stable with regard to temperature and frequency.

Tape and resin colours are flexible with options shown on page 16. Unless specified, capacitors would be supplied with black tape and black resin.



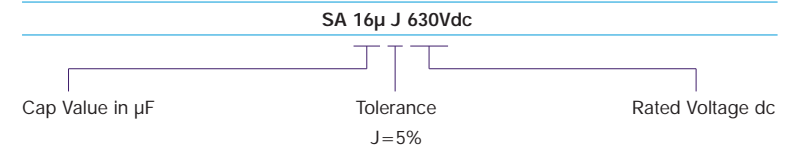
Technical details

| | |
|------------------------|---|
| Capacitance range | See table |
| Tolerance | ±5% standard. Others by request |
| Dissipation factor | ≤ 0.001 @ 1KHz & 20±3°C |
| Insulation resistance | ≥ 10 ⁴ 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 |
| 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 |

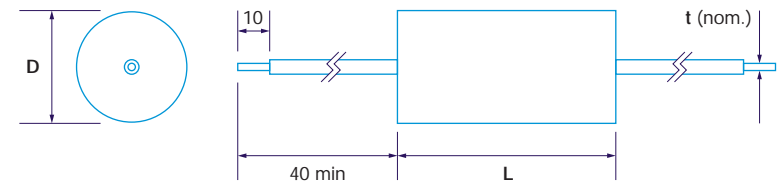
Size chart

| CAP(μF) | L | D |
|---------|----|----|
| 1.0 | 39 | 22 |
| 1.2 | 39 | 24 |
| 1.3 | 39 | 25 |
| 1.5 | 39 | 27 |
| 1.8 | 39 | 29 |
| 2.2 | 39 | 31 |
| 2.7 | 39 | 33 |
| 3.0 | 39 | 34 |
| 3.3 | 39 | 35 |
| 3.9 | 39 | 39 |
| 4.7 | 46 | 35 |
| 5.6 | 46 | 38 |
| 6.2 | 46 | 40 |
| 6.8 | 46 | 42 |
| 8.2 | 46 | 45 |
| 10.0 | 46 | 49 |
| 12.6 | 66 | 45 |
| 15.0 | 66 | 49 |
| 16.0 | 66 | 50 |
| 18.0 | 66 | 53 |
| 22.0 | 66 | 58 |
| 27.0 | 66 | 64 |
| 33.0 | 66 | 70 |
| 39.0 | 66 | 76 |
| 47.0 | 66 | 82 |

Ordering details



Outline dimensions (maximum) in mm



Terminations are PVC covered copper wire, length is a minimum of 40mm.
Conductor diameter (t) is 1mm, sleeved diameter is 2.5mm.

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

