CASCADE AUDIO ENGINEERING

CAE Capacitor Specifications

.5 Farad
Capacitance - .47 farad +/- 15% (Constant current charge method)
ESR (Equivalent Series Resistance) - .003 ohms +/- 20%
Operating Voltage – 20 Volts (Intended use for 12V auto)
Dimensions – 2.5” Diameter x 4.75” Height +/- 2%
Operating Temperature – 95 Degrees Cel. Max

1.0 Farad
Capacitance – 1 Farad +/- 15% (Constant current charge method)
ESR (Equivalent Series Resistance) - .0025 ohms +/- 20%
Operating Voltage - 20 Volts (Intended use for 12V auto)
Dimensions (Two Sizes) – 3” Diameter x 8.75” or 5.625” Height +/- 2%
Operating Temperature – 95 Degrees Cel. Max

1.5 Farad
Capacitance – 1.47 Farad +/- 15% (Constant current charge method)
ESR (Equivalent Series Resistance) - .002 ohms +/- 20%
Operating Voltage - 20 Volts (Intended use for 12V auto)
Dimensions - 3” Diameter x 8.75” +/- 2%
Operating Temperature – 95 Degrees Cel. Max

Cascade Audio Engineering capacitors have the lowest ESR which means the highest current.

Capacitance for polar electrolytics cannot be measured by a capacitance meter or bridge. Either the 2nd or 3rd time constant using the RC Time Constant or Constant Current Charge methods are acceptable, the latter being the more preferred method.

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