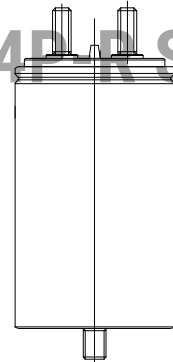


**C44E Series NOT FOR NEW DESIGN.**  
For new design, please use C44H and C44P Series



**TECHNICAL DATA**

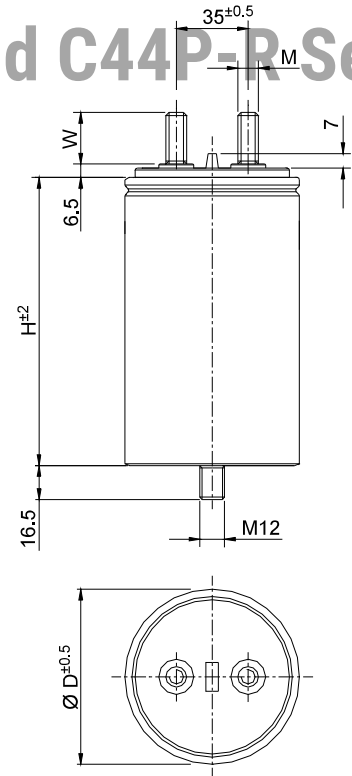
|   |  |
|---|--|
| General technical data  | VDE 0560 - IEC61071 - EN61071  |
| Application class ( DIN 40040 )   | HSD / LS   |
| Temperature range ( Case )  | -40 to + 70 °C   |
| Max permissible ambient temperature                                       | +70 °C   |
| Capacitance tolerance code ( 15 <sup>th</sup> digit )                     | J = ± 5% ; K = ± 10%   |
| Test voltage terminal to case U <sub>TT</sub>                             | 1,5 U <sub>RMS</sub> for 10 seconds  |
| Test voltage terminal to case U <sub>TC</sub>                             | 4kV - 50Hz for 60 seconds  |
| Rated insulation voltage U <sub>i</sub>                                   | 700 V - 50 Hz - Insulation group B ( VDE 0110 part 1 )   |
| Rated power Q   | Reactive power at rated A.C. voltage U <sub>RMS</sub> - 50Hz   |
| Rated frequency F   | 50 ÷ 60 Hz   |
| Permissible relative humidity   | Annual average ≤ 95% on 30 days / year, continuously 100% on other days occasionally 100%. Dewing not admissible |
| IEC climatic category   | 25 / 70 / 21   |
| Degree of protection  | IP00   |
| Capacitance deviation in the operating temperature range of -40 to +85 °C | ±1.5% max on capacitance value measured at +20 °C  |
| Change of capacitance versus operating time                               | -3% after 30.000 hours at U <sub>RMS</sub> or after 100.000 hours at Un  |
| Terminals   | Tinned brass fastons or screws ( See figure on top )   |
| Installation  | Whatever Position  |
| Life Expectancy   | ≥ 30.000 hours at U <sub>RMS</sub> ; ≥ 100.000 hours at Un   |
| Failure quota   | 300 / 10 <sup>9</sup> components hour  |

**C44E Series NOT FOR NEW DESIGN.**

**MECHANICAL CHARACTERISTICS**

| Case |    | Brass screw terminals |                   |                   |                  | Bolt              |
|------|----|-----------------------|-------------------|-------------------|------------------|-------------------|
| D    | W  | M                     | Driving Torque Nm | Creepage Distance | Clearance In air | Driving Torque Nm |
| 76   | 13 | M 6                   | 4                 | 18                | 22               | 10                |
| 76   | 25 | M 10                  | 7                 | 18                | 22               | 10                |
| 85   | 25 | M 10                  | 7                 | 22                | 22               | 10                |

For new design, please use C44H and C44P-R Series



**PEAK VOLTAGE TABLE**

| Un<br>Vdc | U <sub>PK</sub><br>Vdc | U <sub>RMS</sub><br>Vac |
|-----------|------------------------|-------------------------|
| 400       | 600                    | 250                     |
| 600       | 800                    | 380                     |
| 750       | 1000                   | 440                     |
| 1200      | 1600                   | 550                     |

**GENERAL CHARACTERISTICS**

| Code            | C<br>$\mu$ F | Q<br>kvar | Un<br>Vdc | U <sub>RMS</sub><br>Vac | dv/dt<br>V/ $\mu$ s | I <sub>PKR</sub><br>A | I <sub>RMS</sub><br>A | Case Dimensions |     | Appr. Weight<br>kg |
|-----------------|--------------|-----------|-----------|-------------------------|---------------------|-----------------------|-----------------------|-----------------|-----|--------------------|
|                 |              |           |           |                         |                     |                       |                       | D               | H   |                    |
| C44EFGP6150ZA0J | 150          | 2.95      | 400       | 250                     | 10                  | 1500                  | 30                    | 76              | 138 | 0.63               |
| C44EFGR6200ZA0J | 200          | 3.93      | 400       | 250                     | 10                  | 2000                  | 30                    | 85              | 137 | 0.75               |
| C44EFGR6250ZA0J | 250          | 4.9       | 400       | 250                     | 10                  | 2500                  | 60                    | 85              | 185 | 1.05               |
| C44EFGR6300ZA0J | 300          | 5.89      | 400       | 250                     | 10                  | 3000                  | 60                    | 85              | 230 | 1.35               |
| C44EFGR6400ZA0J | 400          | 7.85      | 400       | 250                     | 10                  | 4000                  | 60                    | 85              | 270 | 1.71               |
| C44EHGP6100ZA0J | 100          | 4.53      | 600       | 380                     | 20                  | 2000                  | 30                    | 76              | 138 | 0.63               |
| C44EHGR6150ZA0J | 150          | 6.8       | 600       | 380                     | 20                  | 3000                  | 60                    | 85              | 200 | 1.15               |
| C44EHGR6200ZA0J | 200          | 9.07      | 600       | 380                     | 20                  | 4000                  | 60                    | 85              | 260 | 1.5                |
| C44EKGR6100ZA0J | 100          | 6.08      | 750       | 440                     | 20                  | 2000                  | 60                    | 85              | 185 | 1.05               |
| C44EKGR6120ZA0J | 120          | 7.3       | 750       | 440                     | 20                  | 2400                  | 60                    | 85              | 200 | 1.15               |
| C44EPGR5500ZA0J | 50           | 4.75      | 1200      | 550                     | 30                  | 1500                  | 60                    | 85              | 260 | 1.5                |
| C44EPGR5600ZA0J | 60           | 5.7       | 1200      | 550                     | 30                  | 1800                  | 60                    | 85              | 260 | 1.5                |

单击下面可查看定价，库存，交付和生命周期等信息

[>>KEMET\(基美\)](#)