Custom Capabilities
RF Power Barrel Capacitors

OVERALL CAPABILITIES
• Production in Germany
• High quality, service, and flexibility
• ISO 9001, OHSAS 18001, environmental 14001 qualified
• STEP files available
• Operating temperature range -55 °C to +85 °C

MATERIAL / PROCESS CAPABILITIES
• Wide range of capacitance values
• Selection of different class 1 and class 2 ceramics
• Numerous shapes and sizes available
• Fittings specifically designed for your application
• Lead (Pb)-free available

FITTING EXAMPLES

- Screw terminal
  (metric and UNF/UNC thread available)
  for series 5FF, 5FG, and 5FH

- Axial wire lead
  for series 5FC, 5FD, and 5FE

- Screw terminal with hexagon
  (metric and UNF/UNC thread available)
  for series 5FAE, 7FAA, and 7FAU

CONTACT INFORMATION
For design assistance, contact: powcap@vishay.com
Design request form: www.vishay.com/capacitors/ceramic/rf-barrel/

ORDERING CODE

<table>
<thead>
<tr>
<th>SERIES RATED VOLTAGE</th>
<th>BODY STYLE</th>
<th>CERAMIC DIELECTRIC</th>
<th>C-VALUE</th>
<th>TOLERANCE</th>
<th>LEAD (Pb)-FREE</th>
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<tr>
<td>.5F = 5 kV - series</td>
<td>Depend on the fittings and diameter</td>
<td>Examples: A = NP0</td>
<td>500 pF</td>
<td>K = 10 %</td>
<td>-R</td>
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<tr>
<td>7F = 7.5 kV - series</td>
<td></td>
<td>U = N750</td>
<td>9R0 = 9 pF</td>
<td>J = 5 %</td>
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### ADDITIONAL CAPABILITIES EXAMPLES

<table>
<thead>
<tr>
<th>TOS 030033</th>
<th>TOS 020016</th>
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<th>TOF 016010, TOS 016010, TOF 025016, TOS 025016</th>
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<td>(<a href="http://www.vishay.com/doc?22085">www.vishay.com/doc?22085</a>)</td>
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### ADDITIONAL CUSTOM EXAMPLES

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<th>TOS 0057</th>
<th>TOZ 045033</th>
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With many years of experience in the development, we can find the best solution for your project together!
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