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>7F</th>
<th>A</th>
<th>A</th>
<th>500</th>
<th>K</th>
<th>-R</th>
</tr>
</thead>
<tbody>
<tr>
<td>SERIES RATED VOLTAGE</td>
<td>BODY STYLE</td>
<td>CERAMIC DIELECTRIC</td>
<td>C-VALUE</td>
<td>TOLERANCE</td>
<td>LEAD (Pb)-FREE</td>
</tr>
<tr>
<td>5F = 5 kV - series</td>
<td>Depend on the fittings and diameter</td>
<td>Examples: A = NP0</td>
<td>Examples: 500 = 50 pF</td>
<td>K = 10 %</td>
<td>-R</td>
</tr>
<tr>
<td>7F = 7.5 kV - series</td>
<td>U = N750</td>
<td>9R0 = 9 pF</td>
<td>J = 5 %</td>
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For technical questions, contact: powcap@vishay.com
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### ADDITIONAL CAPABILITIES EXAMPLES

<table>
<thead>
<tr>
<th>TOS 030033</th>
<th>TOF 016010, TOS 016010, TOF 025016, TOS 025016</th>
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</table>

### ADDITIONAL CUSTOM EXAMPLES

<table>
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<tr>
<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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