



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					
7F	A	A	500	K	-R
SERIES RATED VOLTAGE	BODY STYLE	CERAMIC DIELECTRIC	C-VALUE	TOLERANCE	LEAD (Pb)-FREE
5F = 5 kV - series 7F = 7.5 kV - series	Depend on the fittings and diameter	Examples: A = NP0 U = N750	Examples: 500 = 50 pF 9R0 = 9 pF	K = 10 % J = 5 %	



ADDITIONAL CAPABILITIES EXAMPLES

<p>TOS 030033 www.vishay.com/doc?22129</p>	<p>TOS 020016 www.vishay.com/doc?22086</p>
	
<p>TOF 016010, TOS 016010, TOF 025016, TOS 025016 www.vishay.com/doc?22085</p>	
	

ADDITIONAL CUSTOM EXAMPLES

<p>TOS 0057</p>	<p>TOZ 045033</p>
	

With many years of experience in the development, we can find the best solution for your project together!



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