

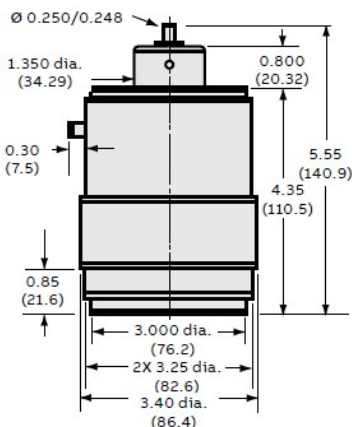
Variable capacitors

PV4, CMV1 and CMV3 series

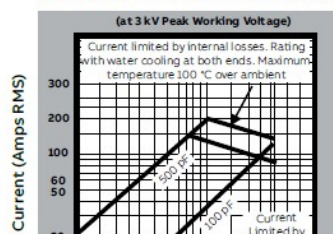
PV4, CMV1 AND CMV3 series vacuum variable capacitors, 500–650 pF

Cat. no.	Capacitance (pF)		Voltage peak (kV)		Current (amps)	Nominal dimensions				Torque in.-lbs.	Weight lb.
	Max.	Min.	Test	Working		Length (in.)	Dia. (in.)	Length (mm)	Dia. (mm)		
PV4-500-15S	500	40	15	9	110	5.55	3.4	141	86	2.0625	3.3
CMV1-650-0005	650	8	5	3	35	5.24	1.81	133	46	1.1	0.88
CMV3-650-0008	650	10	8	4.8	40	4.5	1.76	114.3	44.7	1.1	0.88

- 01 PV4-500
- 02 CMV1-650
- 03 CMV3-650-0008



Continuous RMS amperes vs frequency



Frequency (MHz)

Mounting: Both ends have tapped holes.

6X M5 thread on 2.350 B.C.

6X M4 thread on 2.350 B.C.

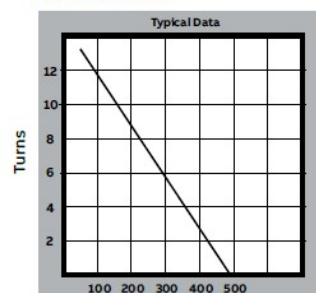
Both ends.

Water cooling disk available: FMWPV, 1 each end.

Conservative limit with unit in dead airspace.

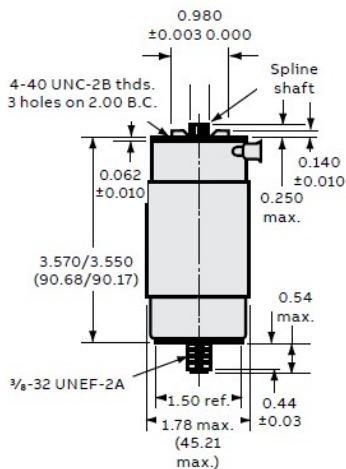
Maximum temperature 100 °C over ambient.

Capacity vs turns

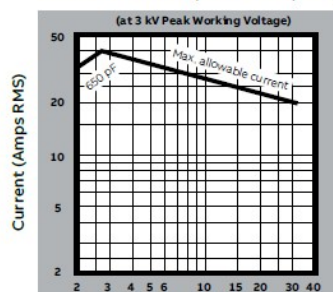


Capacity (pF)

01



Continuous RMS amperes vs frequency

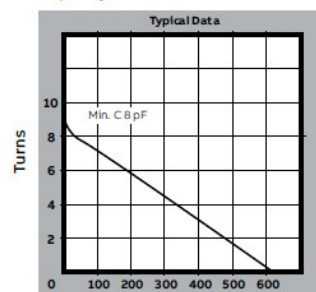


Frequency (MHz)

Mounting: Fixed end threaded

stud. Variable end tapped holes.

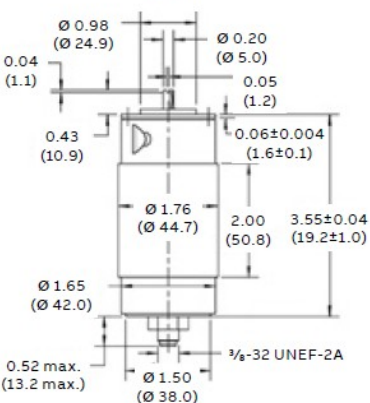
Capacity vs turns



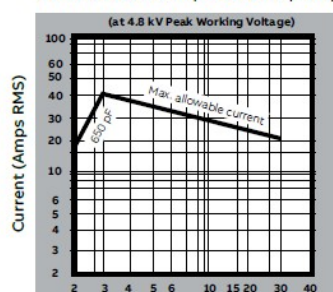
Capacity (pF)

Mounting: Fixed end threaded
stud. Variable end tapped holes.

02



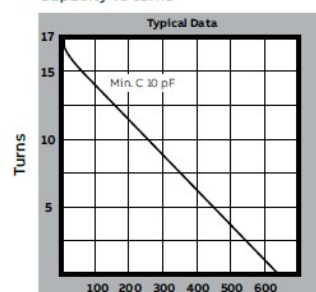
Continuous RMS amperes vs frequency



Frequency (MHz)

Mounting: Both ends have tapped holes.

Capacity vs turns



Capacity (pF)

Mounting: Both ends have tapped holes.

03

Dimensions shown are in inches (mm).