



# Medium Power Film Capacitors



FFVS (RoHS Compliant)

Low Inductance Range Capacitor for Power Electronics

DC FILTERING

## ELECTRICAL CHARACTERISTICS

Working temperature	-40°C +105°C (according to the power to be dissipated)
Capacitance range $C_N$	22 $\mu$ F to 200 $\mu$ F
Tolerance on $C_N$	$\pm 10\%$
Rated dc voltage $U_N$ dc	600V to 1900V
Test voltage between terminals @ 25°C: 1.5 x $U_N$ dc during 10s	
Insulation voltage between shorted terminals and earth (type test) @ 4 kVrms @ 50Hz during 1 min.	

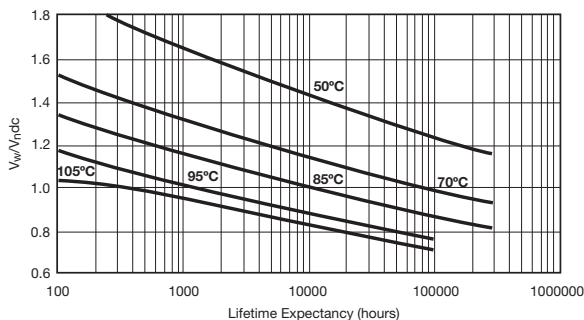
## RATINGS AND PART NUMBER REFERENCE

Part Number	Capacitance ( $\mu$ F)	Height mm (inches)	$I_{rms}$ (A)	$I^2t$ (A <sup>2</sup> s)	$L_s$ max. (nH)	$R_s$ (m $\Omega$ )	$R_{th}$ (°C/W)	Typical Weight (g)
<b><math>U_N</math>dc 600 volts (Voltage Code K)</b>								
FFVS6K0226K--	22	34 (1.339)	78	11.5	8	0.74	4.2	320
FFVS6K0906K--	90	40 (1.575)	84	24	9	0.60	4.9	345
FFVS6K0147K--	140	51 (2.008)	82	23.5	11	0.83	6.8	405
FFVS6K1956K--	195	64 (2.520)	84	24	13	1.04	8.6	475
<b><math>U_N</math>dc 800 volts (Voltage Code B)</b>								
FFVS6B0586K--	58	40 (1.575)	83	19	9	0.72	4.9	345
FFVS6B0926K--	92	51 (2.008)	83	19	11	0.99	6.7	405
FFVS6B1286K--	128	64 (2.520)	84	19.5	13	1.25	8.5	475
<b><math>U_N</math>dc 900 volts (Voltage Code C)</b>								
FFVS6C0306K--	30	34 (1.339)	56	7	8	1.55	4.2	320
FFVS6C0406K--	40	40 (1.575)	85	16.5	9	0.85	5.0	345
FFVS6C0656K--	65	51 (2.008)	86	17	11	1.15	6.7	405
FFVS6C0906K--	90	64 (2.520)	87	17	13	1.46	8.5	475
<b><math>U_N</math>dc 1000 volts (Voltage Code L)</b>								
FFVS6L0536K--	53	40 (1.575)	61	9.5	9	1.56	4.9	345
FFVS6L0956K--	95	51 (2.008)	63	11	11	1.98	6.7	405
FFVS6L1356K--	135	64 (2.520)	65	11.5	13	2.42	8.3	475
<b><math>U_N</math>dc 1200 volts (Voltage Code U)</b>								
FFVS6U0406K--	40	40 (1.575)	57	7.5	9	1.77	4.9	345
FFVS6U0656K--	65	51 (2.008)	57	7.5	11	2.38	6.8	405
FFVS6U0866K--	86	64 (2.520)	58	7	13	3.02	8.5	475
<b><math>U_N</math>dc 1900 volts (Voltage Code N)</b>								
FFVS6N0146K--	14	40 (1.575)	66	12.5	10	1.05	4.9	345
FFVS6N0226K--	22	51 (2.008)	68	13.5	13	1.26	6.3	405
FFVS6N0326K--	32	64 (2.520)	68	13.5	16	1.58	8.1	475

Dimensions millimeters (inches)

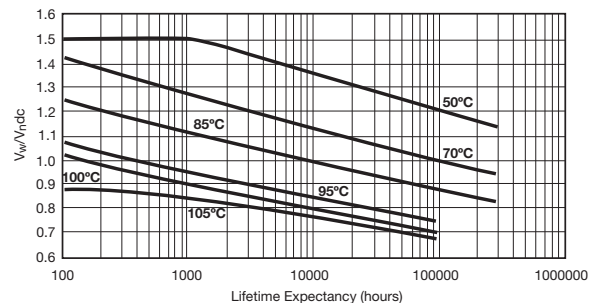
## LIFETIME EXPECTANCY

FFVS for 600V, 800V and 900V



$V_w$ : permanent working or operating DC-voltage.

FFVS for 1000V, 1200V and 1900V



$V_w$ : permanent working or operating DC-voltage.



单击下面可查看定价，库存，交付和生命周期等信息

[>>AVX](#)