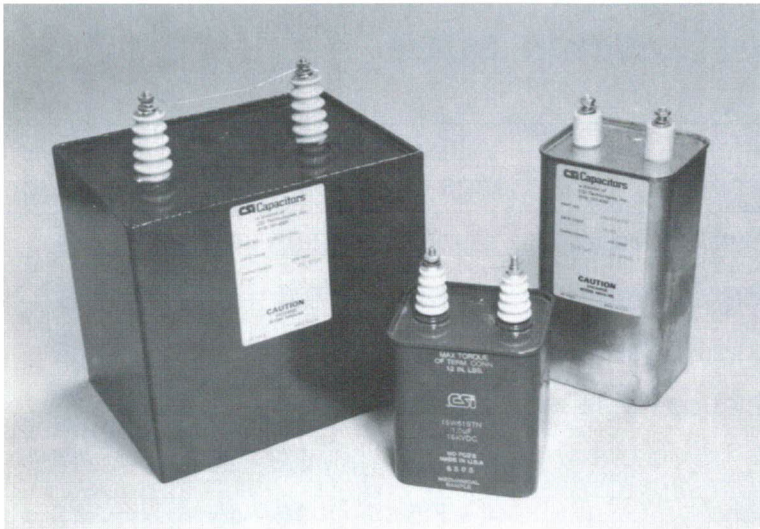




The WM series of capacitors is designed for general purpose pulse applications in power supplies for lasers, flash tubes and other capacitor discharge circuits where moderate to long life is required. These designs have a proven record of outstanding performance in a wide variety of applications. *Custom designs are available for requirements not covered by the standard ratings.*

Dielectric Materials

Impregnated polyester film/paper

Capacitance Tolerance

±10%

Operating Temperature Range

-35°C to +70°C

Peak Current

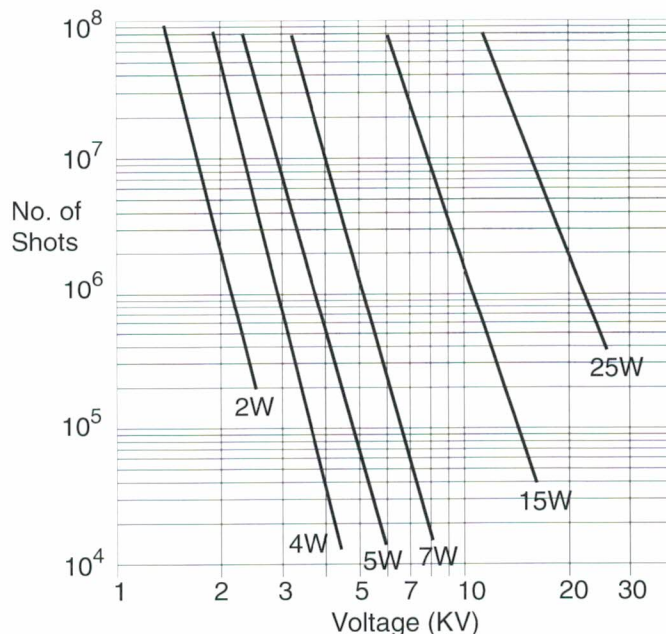
Up to 30,000 Amps depending on rating and operating conditions

Inductance

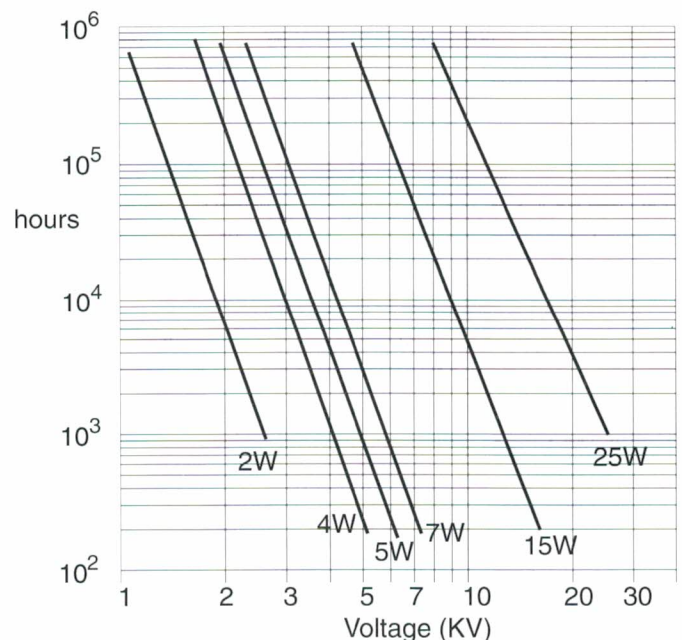
Typically in the range 100 to 200 nH. The bushing type has a large influence on the total inductance. Where extremely low inductance is required please contact CSI

OPERATING LIFE DATA

MEAN LIFE with 20% reversal at 25°C
(Number of discharges)



DC LIFE at 25°C (hours)

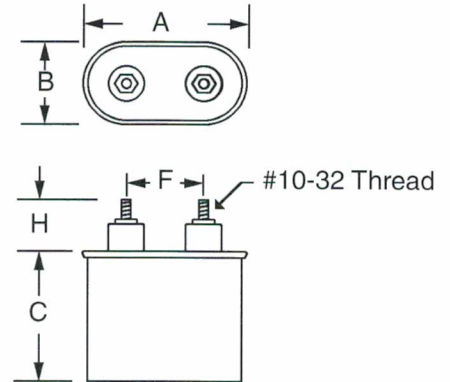


TYPE WM STANDARD RATINGS

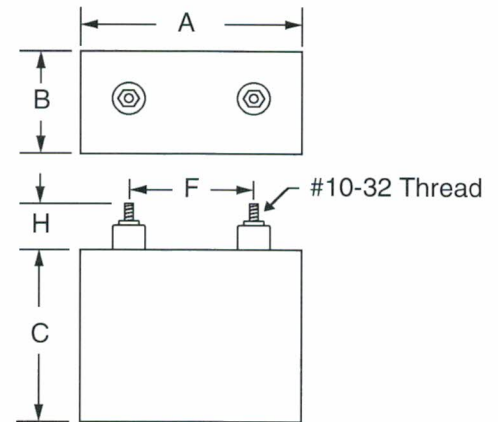
μF	PART NUMBER	CASE TYPE	HEIGHT C INS.	MM	WEIGHT LBS	KG
2,000 Volts DC						
25	2W505TN	CT17	4.25	108	2.9	1.3
50	2W506TN	CT17	6.88	175	4.7	2.2
100	2W365TN	CT18	7.25	184	7.1	3.2
3,500 Volts DC						
3	4W039TN	CT12	4.25	108	0.8	0.4
5	4W507TN	CT02	4.38	111	1.2	0.6
10	4W508TN	CT02	6.75	172	1.8	0.8
15	4W509TN	CT17	4.25	108	2.8	1.3
25	4W042TN	CT18	4.25	108	4.0	1.8
35	4W043TN	CT17	6.88	175	4.7	2.2
50	4W044TN	CT18	7.25	184	6.8	3.1
100	4W045TNP	CF29	7.25	184	12.4	5.6
5,000 Volts DC						
0.5	5W151TN	CT12	3.75	95	0.7	0.3
10	5W510TN	CT03	7.25	184	2.6	1.2
20	5W511TN	CT17	6.88	175	4.6	2.1
32	6W470TN	CT18	7.25	184	6.8	3.1
50	4W308TN	CT18	10.50	267	10.0	4.6
100	5W165TNP	CN30	7.25	184	22.0	10.0
7,500 Volts DC						
2	7W220TN	CT02	3.75	95	1.1	0.5
5	7W512TN	CT02	6.75	172	1.8	0.8
10	7W513TN	CT17	4.75	121	3.2	1.5
15	7W034TN	CT17	6.88	175	4.6	2.1
25	7W035TN	CT18	7.25	184	6.8	3.1
32	7W816TN	CT18	10.50	267	9.7	4.4
45	7W037TNP	CF29	7.25	184	12.4	5.6
15,000 Volts DC						
0.5	15W514TN	CT16	4.25	108	2.1	1.0
1	15W515TN	CT17	4.25	108	2.6	1.2
2	15W502TN	CT17	6.88	175	4.3	2.0
2.5	15W516TN	CT17	6.88	175	4.4	2.0
5	15W032TNP	CF29	7.25	184	12.3	5.6
10	15W033TNP	CN30	7.25	184	21.3	9.7
25,000 Volts DC						
0.05	25W531TN	CT14	4.25	108	1.7	0.8
0.10	25W517TN	CT16	4.25	108	2.2	1.0
0.20	25W518TN	CT16	4.25	108	2.2	1.0
0.30	25W519TN	CT17	4.25	108	2.9	1.3
0.50	25W066TN	CT17	6.88	175	4.6	2.1
1	25W067TNP	CF29	7.25	184	12.4	5.6
2	25W068TNP	CN30	7.25	184	22.0	10.0

VOLTAGE RANGE	BUSHING HEIGHT H	
	(inches)	(mm)
2 AND 3.5 KV	0.96	24
5 AND 7.5 KV	1.40	36
15 KV	1.90	48
25 KV	2.34	59

Case Types CT02 & CT03 (Oval Base)



All Other Case Types (Rectangular)



Case Dimensions

CASE TYPE	A	B	F	A	B	F
	(inches)			(mm)		
CT02	2.91	1.91	1.13	49	74	29
CT03	3.66	1.97	2.00	93	50	51
CT12	2.50	1.19	1.13	64	30	29
CT14	3.75	1.75	2.00	95	45	51
CT16	3.75	2.50	2.00	95	64	51
CT17	3.75	3.19	2.00	95	81	51
CT18	4.56	3.75	2.00	116	95	51
CF29	6.00	5.00	2.00	152	127	51
CN30	8.00	6.00	4.50	203	152	114