

GENERAL TECHNICAL CHARACTERISTICS

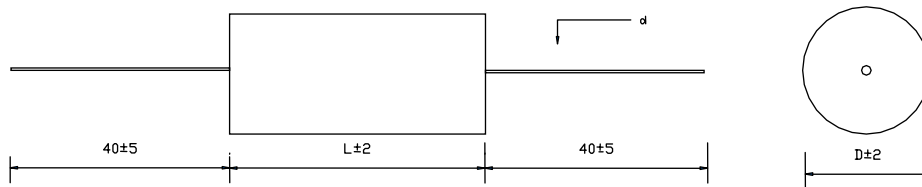
Dielectric : Polypropylene film
 Construction : Extended double side metallized carrier film
 with internal series connection and metallized film
 Case : Polyester tape wrapping; UL94V-0 resin end fill
 Leads: Tinned copper wire

ELECTRICAL CHARACTERISTICS

Working temperature : - 40 to + 85 °C
 Capacitance : 0.0033 to 0.47 μ F
 Rated Voltage : 4kv to 8k Vdc
 Tolerance : $\pm 5\%$, $\pm 10\%$
 Dissipation factor: 10×10^{-4} Measured at 1000 $\pm$ 20 Hz 25 $\pm$ 5°C.

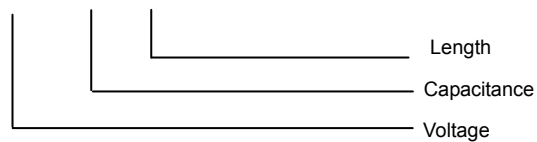
TEST METHODS AND PERFORMANCES

Dielectric strength: 1.5Un (DC) applied for 10s at 25 $\pm$ 5°C (1 minute for type test)
 Insulation resistance : 3000s but need not exceed 30G Ω (typical value), after 1 minute of electrification at 100Vdc (25 $\pm$ 5°C)



How to Order:

MS - 8000 - 0.0047 - 50



Part Nubmer	Cap (μF)	Dimension (mm)			Un kv.dc	Un kv.ac	Umax kv.dc
		L	D	d			
Un 4000vdc							
MS-4000-0.033	0.033	44	11.5	0.8	4.0	1.6	5.0
MS-4000-0.047	0.047	44	13.5	0.8	4.0	1.6	5.0
MS-4000-0.068	0.068	44	16.0	1.0	4.0	1.6	5.0
MS-4000-0.10	0.10	44	19.0	1.0	4.0	1.6	5.0
MS-4000-0.15	0.15	44	23.0	1.2	4.0	1.6	5.0
MS-4000-0.22	0.22	44	28.0	1.2	4.0	1.6	5.0
MS-4000-0.33	0.33	44	34.0	1.2	4.0	1.6	5.0
MS-4000-0.47	0.47	44	40.0	1.2	4.0	1.6	5.0
Un 5000vdc							
MS-5000-0.022	0.022	44	12.0	0.8	5.0	2.0	6.3
MS-5000-0.033	0.033	44	14.0	0.8	5.0	2.0	6.3
MS-5000-0.047	0.047	44	16.5	1.0	5.0	2.0	6.3
MS-5000-0.068	0.068	44	19.5	1.0	5.0	2.0	6.3
MS-5000-0.10	0.10	44	23.5	1.2	5.0	2.0	6.3
MS-5000-0.15	0.15	44	28.5	1.2	5.0	2.0	6.3
MS-5000-0.22	0.22	44	34.5	1.2	5.0	2.0	6.3
MS-5000-0.33	0.33	44	42.0	1.2	5.0	2.0	6.3
Un 6000vdc							
MS-6000-0.0033	0.022	57	11.5	0.8	6.0	2.4	7.5
MS-6000-0.0047	0.033	57	14.0	0.8	6.0	2.4	7.5
MS-6000-0.0068	0.047	57	16.0	1.0	6.0	2.4	7.5
MS-6000-0.0082	0.068	57	17.0	1.0	6.0	2.4	7.5
MS-6000-0.010	0.10	57	23.0	1.2	6.0	2.4	7.5
MS-6000-0.015	0.15	57	28.0	1.2	6.0	2.4	7.5
MS-6000-0.022	0.22	57	34.0	1.2	6.0	2.4	7.5
MS-6000-0.033	0.33	57	41.0	1.2	6.0	2.4	7.5
Un 8000vdc							
MS-8000-0.0033	0.0033	50	10.0	0.8	8.0	3.2	10
MS-8000-0.0047	0.0047	50	12.0	0.8	8.0	3.2	10
MS-8000-0.0068	0.0068	50	13.5	0.8	8.0	3.2	10
MS-8000-0.0082	0.0082	50	15.0	0.8	8.0	3.2	10
MS-8000-0.010	0.010	50	16.0	1.0	8.0	3.2	10
MS-8000-0.015	0.015	50	19.5	1.0	8.0	3.2	10
MS-8000-0.022	0.022	50	23.0	1.2	8.0	3.2	10
MS-8000-0.033	0.033	50	28.0	1.2	8.0	3.2	10
MS-8000-0.047	0.047	50	33.0	1.2	8.0	3.2	10
MS-8000-0.047	0.047	80	21.0	1.2	8.0	3.0	9.5
MS-8000-0.068	0.068	80	24.5	1.2	8.0	3.0	9.5
MS-8000-0.10	0.10	80	29.0	1.2	8.0	3.0	9.5
MS-8000-0.15	0.15	80	34.5	1.2	8.0	3.0	9.5
MS-8000-0.22	0.22	80	41.0	1.2	8.0	3.0	9.5