



Miniature Metallized Polyester Film Capacitors

TYPE	DESIGN	CAPACITANCE (mfd)	TOLERANCE	PAGE NO.
M502	Radial Box	0.01 To 22.0	±1% To ±20%	3 - 52
M504	Radial Epoxy Dip	0.001 To 22.0	±1% To ±20%	3 - 54
M506	Axial Oval Wrap & Fill	0.01 To 50.0	±1% To ±20%	3 - 56
M508	Axial Round Wrap & Fill	0.01 To 50.0	±1% To ±20%	3 - 58

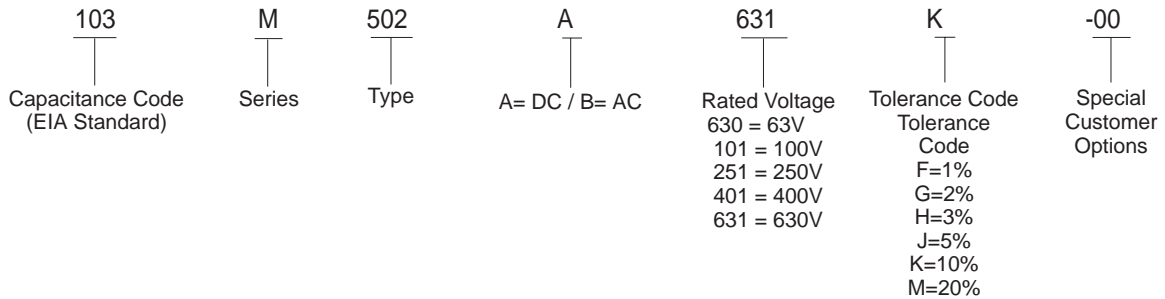
Features

- 1) Extended foil, non-inductive construction
- 2) Self healing properties
- 3) Large capacitance in small size and light weight
- 4) Excellent electric characteristics
- 5) Wide temperature range

Applications

- 1) Filters
- 2) DC-Blocking
- 3) Coupling
- 4) AC circuits for motor starting
- 5) Charge/Discharging
- 6) Lighting, noise suppression
- 7) General communications equipment

Part Numbering System



Specifications

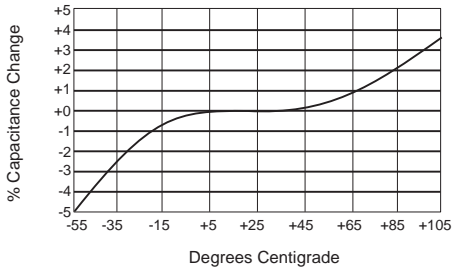
- 1) Operating Temperature Range: -55°C To +85°C with full Rated Voltage applied, to +105°C with 75% rated voltage
- 2) Dissipation Factor: 1.0% Maximum at +25°C and 1Khz
- 3) Rated Voltage: 63VDC, 100VDC, 250VDC, 400VDC, 630VDC
- 4) Dielectric Strength: 160% of rated voltage for 5 seconds
- 5) Insulation Resistance: At +25°C after 2 minutes electrification at 100VDC, the minimum IR shall be $\geq 9,000$ Megohms for $\leq 0.33\mu\text{F}$
 $\geq 3,000$ Megohms X MFD(sec) for $C > 0.33\mu\text{F}$
- 6) Capacitance Change: $< \pm 3\%$ at -25°C to +85°C



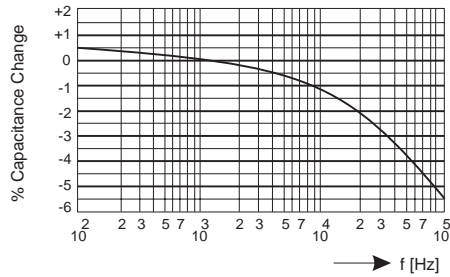
Miniature Metallized Polyester

TYPE: M502, M504, M506, M508 Series

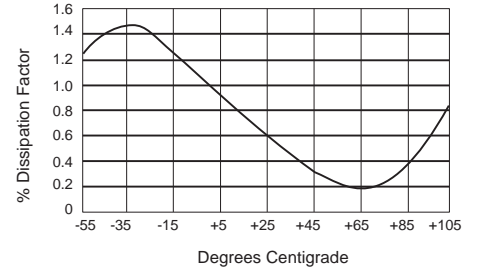
Capacitance Change vs. Temperature At 1KHz



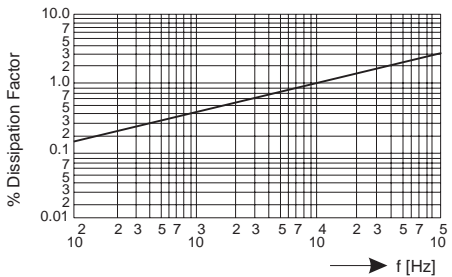
Capacitance Change vs. Frequency (Room Temp.)



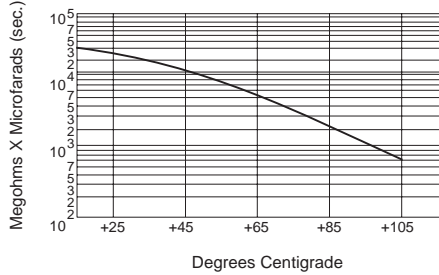
Dissipation Factor vs. Temperature At 1KHz



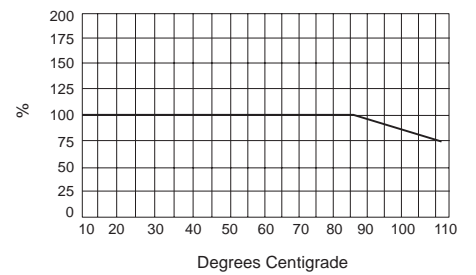
Dissipation Factor vs. Frequency (Room Temp.)



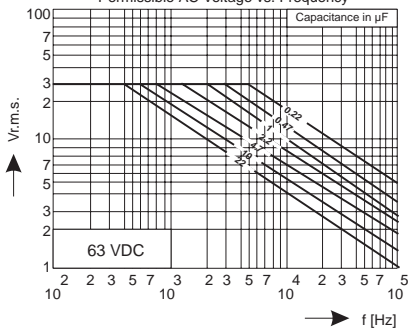
Insulation Resistance vs. Temperature



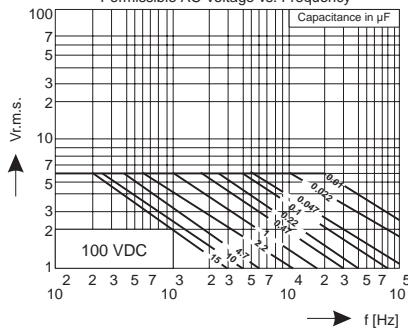
Voltage Derating vs. Temperature



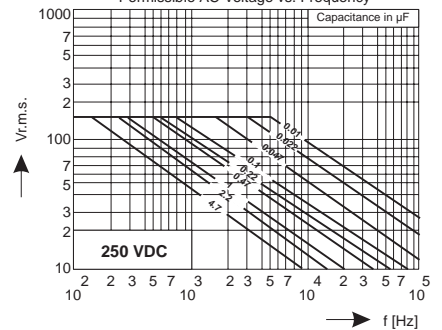
Permissible AC Voltage vs. Frequency



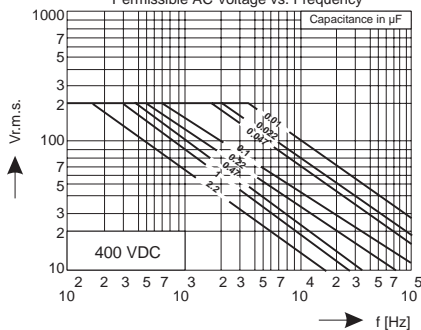
Permissible AC Voltage vs. Frequency



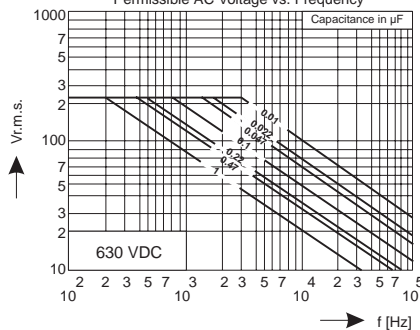
Permissible AC Voltage vs. Frequency



Permissible AC Voltage vs. Frequency



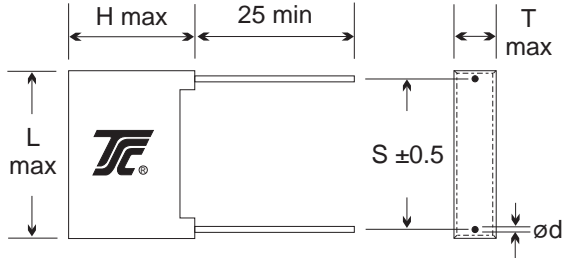
Permissible AC Voltage vs. Frequency





Miniature Metallized Polyester - Radial Box

TYPE: M502 Series



L	10.5	13.0	18.0	26.5	32.0
S	7.5	10.0	15.0	22.5	27.5
d	0.6	0.6	0.8	0.8	0.8

(mm)

CAP. (μ F)	63 VDC				100 VDC				250 VDC			
	T	H	L	Part No.	T	H	L	Part No.	T	H	L	Part No.
0.01									4.0	9.0	10.5	103M502A251K
0.012									4.0	9.0	10.5	123M502A251K
0.015									4.0	9.0	10.5	153M502A251K
0.018									4.0	9.0	10.5	183M502A251K
0.022									4.0	9.0	10.5	223M502A251K
0.027									4.0	9.0	10.5	273M502A251K
0.033									4.0	9.0	10.5	333M502A251K
0.039									4.0	9.0	10.5	393M502A251K
0.047									4.0	9.0	10.5	473M502A251K
0.056									4.0	9.0	10.5	563M502A251K
0.068									4.0	9.0	10.5	683M502A251K
0.082									4.0	9.0	10.5	823M502A251K
0.10									4.0	9.0	10.5	104M502A251K
0.12					4.0	9.0	10.5	124M502A101K	5.0	11.0	10.5	124M502A251K
0.15					4.0	9.0	10.5	154M502A101K	5.0	11.0	10.5	154M502A251K
0.18					4.0	9.0	10.5	184M502A101K	5.0	11.0	13.0	184M502A251K
0.22					4.0	9.0	10.5	224M502A101K	6.0	12.0	13.0	224M502A251K
0.27					4.0	9.0	10.5	274M502A101K	6.0	12.0	13.0	274M502A251K
0.33	4.0	9.0	10.5	334M502A630K	5.0	11.0	10.5	334M502A101K	7.0	13.0	13.0	334M502A251K
0.39	4.0	9.0	10.5	394M502A630K	5.0	11.0	10.5	394M502A101K	5.0	11.0	18.0	394M502A251K
0.47	4.0	9.0	10.5	474M502A630K	5.0	11.0	10.5	474M502A101K	6.0	12.0	18.0	474M502A251K
0.56	4.0	9.0	10.5	564M502A630K	5.0	11.0	13.0	564M502A101K	6.0	12.0	18.0	564M502A251K
0.68	4.0	9.0	10.5	684M502A630K	6.0	12.0	13.0	684M502A101K	7.5	13.5	18.0	684M502A251K
0.82	5.0	11.0	10.5	824M502A630K	6.0	12.0	13.0	824M502A101K	7.5	13.5	18.0	824M502A251K
1.0	5.0	11.0	10.5	105M502A630K	7.0	13.0	13.0	105M502A101K	8.5	15.0	18.0	105M502A251K
1.2	5.0	11.0	13.0	125M502A630K	6.0	12.0	18.0	125M502A101K	8.5	15.0	18.0	125M502A251K
1.5	6.0	12.0	13.0	155M502A630K	7.5	13.5	18.0	155M502A101K	7.0	16.5	26.5	155M502A251K
1.8	5.0	11.0	18.0	185M502A630K	7.5	13.5	18.0	185M502A101K	8.5	17.0	26.5	185M502A251K
2.2	5.0	11.0	18.0	225M502A630K	8.5	15.0	18.0	225M502A101K	10.0	19.0	26.5	225M502A251K
2.7	5.0	11.0	18.0	275M502A630K	8.5	15.0	18.0	275M502A101K	10.0	19.0	26.5	275M502A251K
3.3	6.0	12.0	18.0	335M502A630K	7.0	16.5	26.5	335M502A101K	13.0	22.0	26.5	335M502A251K
3.9	6.0	12.0	18.0	395M502A630K	8.5	17.0	26.5	395M502A101K	13.0	22.0	26.5	395M502A251K
4.7	7.5	13.5	18.0	475M502A630K	8.5	17.0	26.5	475M502A101K	13.0	22.0	26.5	475M502A251K
5.6	7.5	13.5	18.0	565M502A630K	10.0	19.0	26.5	565M502A101K	15.0	25.0	32.0	565M502A251K
6.8	7.5	13.5	18.0	685M502A630K	10.0	19.0	26.5	685M502A101K	15.0	25.0	32.0	685M502A251K
8.2	7.0	16.5	26.5	825M502A630K	13.0	22.0	26.5	825M502A101K	18.0	30.0	32.0	825M502A251K
10.0	8.5	17.0	26.5	106M502A630K	13.0	22.0	26.5	106M502A101K	18.0	30.0	32.0	106M502A251K
12.0	8.5	17.0	26.5	126M502A630K	13.0	22.0	32.0	126M502A101K				
15.0	10.0	19.0	26.5	156M502A630K	15.0	25.0	32.0	156M502A101K				
18.0	11.0	20.0	32.0	186M502A630K	15.0	25.0	32.0	186M502A101K				
22.0	11.0	20.0	32.0	226M502A630K	18.0	30.0	32.0	226M502A101K				

*Other Values, Voltages, And Dimensions Are Available On Request



Miniature Metallized Polyester • Radial Box

TYPE: M502 Series

(mm)

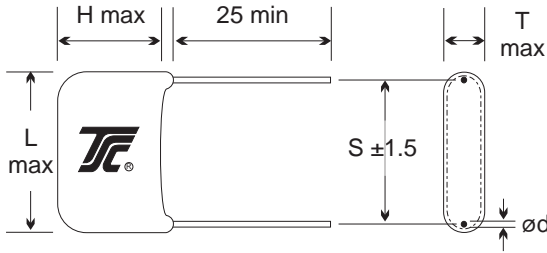
CAP. (μF)	400 VDC				630 VDC			
	T	H	L	Part No.	T	H	L	Part No.
0.01	4.0	9.0	10.5	103M502A401K	4.0	9.0	13.0	103M502A631K
0.012	4.0	9.0	10.5	123M502A401K	4.0	9.0	13.0	123M502A631K
0.015	4.0	9.0	10.5	153M502A401K	4.0	9.0	13.0	153M502A631K
0.018	4.0	9.0	10.5	183M502A401K	4.0	9.0	13.0	183M502A631K
0.022	4.0	9.0	10.5	223M502A401K	4.0	9.0	13.0	223M502A631K
0.027	4.0	9.0	10.5	273M502A401K	5.0	11.0	13.0	273M502A631K
0.033	4.0	9.0	10.5	333M502A401K	5.0	11.0	13.0	333M502A631K
0.039	4.0	9.0	13.0	393M502A401K	6.0	12.0	13.0	393M502A631K
0.047	4.0	9.0	13.0	473M502A401K	6.0	12.0	13.0	473M502A631K
0.056	5.0	11.0	13.0	563M502A401K	5.0	11.0	18.0	563M502A631K
0.068	5.0	11.0	13.0	683M502A401K	5.0	11.0	18.0	683M502A631K
0.082	6.0	12.0	13.0	823M502A401K	5.0	11.0	18.0	823M502A631K
0.10	6.0	12.0	13.0	104M502A401K	6.0	12.0	18.0	104M502A631K
0.12	5.0	11.0	18.0	124M502A401K	6.0	12.0	18.0	124M502A631K
0.15	5.0	11.0	18.0	154M502A401K	7.5	13.5	18.0	154M502A631K
0.18	6.0	12.0	18.0	184M502A401K	8.5	15.0	18.0	184M502A631K
0.22	6.0	12.0	18.0	224M502A401K	8.5	15.0	18.0	224M502A631K
0.27	7.5	13.5	18.0	274M502A401K	7.0	16.5	26.5	274M502A631K
0.33	7.5	13.5	18.0	334M502A401K	8.5	17.0	26.5	334M502A631K
0.39	8.5	15.0	18.0	394M502A401K	8.5	17.0	26.5	394M502A631K
0.47	8.5	15.0	18.0	474M502A401K	10.0	19.0	26.5	474M502A631K
0.56	7.0	16.5	26.5	564M502A401K	10.0	19.0	26.5	564M502A631K
0.68	8.5	17.0	26.5	684M502A401K	13.0	22.0	26.5	684M502A631K
0.82	8.5	17.0	26.5	824M502A401K	11.0	20.0	32.0	824M502A631K
1.0	10.0	19.0	26.5	105M502A401K	13.0	22.0	32.0	105M502A631K
1.2	11.0	20.0	32.0	125M502A401K	15.0	25.0	32.0	125M502A631K
1.5	11.0	20.0	32.0	155M502A401K	15.0	25.0	32.0	155M502A631K
1.8	13.0	22.0	32.0	185M502A401K	18.0	30.0	32.0	185M502A631K
2.2	15.0	25.0	32.0	225M502A401K	18.0	30.0	32.0	225M502A631K
2.7	15.0	25.0	32.0	275M502A401K				
3.3	18.0	30.0	32.0	335M502A401K				
3.9	18.0	30.0	32.0	395M502A401K				
4.7	18.0	30.0	32.0	475M502A401K				

*Other Values, Voltages, And Dimensions Are Available On Request



Miniature Metallized Polyester - Radial Epoxy Dipped

TYPE: M504 Series



L	7.5	10.0	12.5	18.5	26.0	31.0
S	5.0	7.5	10.0	15.0	22.5	27.5
d	0.5	0.6	0.6	0.8	0.8	0.8

(mm)

CAP. (μ F)	63 VDC				100 VDC				250 VDC			
	T	H	L	Part No.	T	H	L	Part No.	T	H	L	Part No.
0.001	3.5	6.5	7.5	102M504A630K	3.5	6.5	7.5	102M504A101K	4.0	7.0	10.0	102M504A251K
0.0012	3.5	6.5	7.5	122M504A630K	3.5	6.5	7.5	122M504A101K	4.0	7.0	10.0	122M504A251K
0.0015	3.5	6.5	7.5	152M504A630K	3.5	6.5	7.5	152M504A101K	4.0	7.0	10.0	152M504A251K
0.0018	3.5	6.5	7.5	182M504A630K	3.5	6.5	7.5	182M504A101K	4.0	7.0	10.0	182M504A251K
0.0022	3.5	6.5	7.5	222M504A630K	3.5	6.5	7.5	222M504A101K	4.0	7.0	10.0	222M504A251K
0.0027	3.5	6.5	7.5	272M504A630K	4.0	7.0	7.5	272M504A101K	4.0	7.5	10.0	272M504A251K
0.0033	3.5	6.5	7.5	332M504A630K	4.0	7.0	7.5	332M504A101K	4.0	7.5	10.0	332M504A251K
0.0039	3.5	6.5	7.5	392M504A630K	4.0	7.0	7.5	392M504A101K	4.0	7.5	10.0	392M504A251K
0.0047	3.5	6.5	7.5	472M504A630K	4.0	7.0	7.5	472M504A101K	4.0	7.5	10.0	472M504A251K
0.0056	3.5	6.5	7.5	562M504A630K	4.0	7.0	7.5	562M504A101K	4.0	7.5	10.0	562M504A251K
0.0068	3.5	6.5	7.5	682M504A630K	4.0	7.0	7.5	682M504A101K	4.0	7.5	10.0	682M504A251K
0.0082	3.5	6.5	7.5	822M504A630K	4.0	7.0	7.5	822M504A101K	4.0	7.5	10.0	822M504A251K
0.01	3.5	6.5	7.5	103M504A630K	4.0	7.5	7.5	103M504A101K	4.0	7.5	10.0	103M504A251K
0.012	3.5	6.5	7.5	123M504A630K	4.0	7.5	7.5	123M504A101K	4.0	7.5	10.0	123M504A251K
0.015	3.5	6.5	7.5	153M504A630K	4.0	7.5	7.5	153M504A101K	4.5	7.5	10.0	153M504A251K
0.018	3.5	6.5	7.5	183M504A630K	4.0	7.5	7.5	183M504A101K	4.5	7.5	10.0	183M504A251K
0.022	3.5	6.5	7.5	223M504A630K	4.0	7.5	7.5	223M504A101K	4.5	7.5	10.0	223M504A251K
0.027	3.5	6.5	7.5	273M504A630K	4.0	7.5	7.5	273M504A101K	4.5	7.5	10.0	273M504A251K
0.033	3.5	6.5	7.5	333M504A630K	4.0	7.5	7.5	333M504A101K	4.5	7.5	10.0	333M504A251K
0.039	3.5	6.5	7.5	393M504A630K	4.5	7.5	7.5	393M504A101K	4.5	7.5	10.0	393M504A251K
0.047	3.5	6.5	7.5	473M504A630K	4.5	7.5	7.5	473M504A101K	4.5	7.5	10.0	473M504A251K
0.056	3.5	6.5	7.5	563M504A630K	4.5	8.0	7.5	563M504A101K	4.5	8.0	10.0	563M504A251K
0.068	3.5	6.5	7.5	683M504A630K	5.0	8.5	7.5	683M504A101K	4.5	8.0	10.0	683M504A251K
0.082	3.5	7.0	7.5	823M504A630K	5.0	9.5	7.5	823M504A101K	5.0	8.5	10.0	823M504A251K
0.10	4.0	7.0	7.5	104M504A630K	5.0	10.0	7.5	104M504A101K	6.0	8.5	10.0	104M504A251K
0.12	4.0	7.0	7.5	124M504A630K	4.5	7.5	10.0	124M504A101K	6.0	9.0	10.0	124M504A251K
0.15	4.0	7.5	7.5	154M504A630K	4.5	7.5	10.0	154M504A101K	6.0	11.0	10.0	154M504A251K
0.18	4.0	8.0	7.5	184M504A630K	5.0	8.0	10.0	184M504A101K	5.0	10.0	12.5	184M504A251K
0.22	4.0	8.5	7.5	224M504A630K	5.0	8.5	10.0	224M504A101K	5.5	10.5	12.5	224M504A251K
0.27	4.5	9.0	7.5	274M504A630K	5.5	10.0	10.0	274M504A101K	6.0	11.5	12.5	274M504A251K
0.33	4.0	7.5	10.0	334M504A630K	6.0	10.5	10.0	334M504A101K	6.5	12.0	12.5	334M504A251K
0.39	4.0	8.0	10.0	394M504A630K	6.0	11.0	10.0	394M504A101K	5.0	12.0	18.5	394M504A251K
0.47	4.0	8.5	10.0	474M504A630K	6.0	12.0	10.0	474M504A101K	5.5	12.5	18.5	474M504A251K
0.56	4.5	9.0	10.0	564M504A630K	5.5	11.0	12.5	564M504A101K	5.5	13.0	18.5	564M504A251K
0.68	4.5	9.5	10.0	684M504A630K	6.0	12.0	12.5	684M504A101K	6.0	13.5	18.5	684M504A251K
0.82	5.0	10.0	10.0	824M504A630K	6.0	13.5	12.5	824M504A101K	6.5	14.5	18.5	824M504A251K
1.0	5.5	11.0	10.0	105M504A630K	7.0	14.0	12.5	105M504A101K	7.5	15.0	18.5	105M504A251K
1.2	5.5	11.0	12.5	125M504A630K	5.5	13.0	18.5	125M504A101K	8.0	16.0	18.5	125M504A251K
1.5	6.0	12.0	12.5	155M504A630K	6.0	13.5	18.5	155M504A101K	9.0	17.0	18.5	155M504A251K
1.8	5.0	9.5	18.5	185M504A630K	6.5	14.5	18.5	185M504A101K	7.5	15.5	26.0	185M504A251K
2.2	5.0	10.0	18.5	225M504A630K	7.0	15.0	18.5	225M504A101K	8.5	16.5	26.0	225M504A251K
2.7	5.5	11.0	18.5	275M504A630K	8.0	16.0	18.5	275M504A101K	9.5	17.0	26.0	275M504A251K
3.3	6.0	11.5	18.5	335M504A630K	8.5	16.5	18.5	335M504A101K	10.5	18.0	26.0	335M504A251K
3.9	6.5	12.0	18.5	395M504A630K	7.0	16.5	26.0	395M504A101K	11.0	20.5	26.0	395M504A251K
4.7	7.0	13.0	18.5	475M504A630K	7.5	17.0	26.0	475M504A101K	12.0	21.5	26.0	475M504A251K
5.6	8.0	14.0	18.5	565M504A630K	8.5	17.5	26.0	565M504A101K	12.0	21.0	31.0	565M504A251K
6.8	8.5	15.0	18.5	685M504A630K	9.0	18.5	26.0	685M504A101K	13.0	22.5	31.0	685M504A251K
8.2	8.0	14.0	26.0	825M504A630K	11.0	20.0	26.0	825M504A101K	14.5	24.0	31.0	825M504A251K
10.0	8.5	15.5	26.0	106M504A630K	11.5	21.0	26.0	106M504A101K	16.0	26.0	31.0	106M504A251K
12.0	9.0	16.5	26.0	126M504A630K	12.0	22.0	31.0	126M504A101K				
15.0	10.0	19.0	26.0	156M504A630K	13.0	24.0	31.0	156M504A101K				
18.0	9.5	17.0	31.0	186M504A630K	14.5	26.5	31.0	186M504A101K				
22.0	10.0	19.0	31.0	226M504A630K	16.0	28.0	31.0	226M504A101K				

*Other Values, Voltages, And Dimensions Are Available On Request



Miniature Metallized Polyester • Radial Epoxy Dipped

TYPE: M504 Series

(mm)

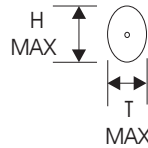
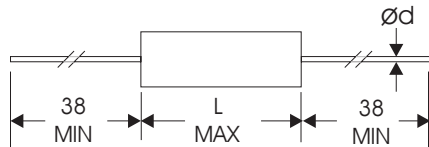
CAP. (μ F)	400 VDC				630 VDC			
	T	H	L	Part No.	T	H	L	Part No.
0.001								
0.0012								
0.0015								
0.0018								
0.0022								
0.0027								
0.0033								
0.0039								
0.0047								
0.0056								
0.0068								
0.0082								
0.01	4.5	7.5	10.0	103M504A401K	4.5	7.5	12.5	103M504A631K
0.012	4.5	7.5	10.0	123M504A401K	4.5	8.0	12.5	123M504A631K
0.015	4.5	7.5	10.0	153M504A401K	5.0	8.5	12.5	153M504A631K
0.018	4.5	7.5	10.0	183M504A401K	5.0	9.5	12.5	183M504A631K
0.022	5.0	8.5	10.0	223M504A401K	5.5	10.0	12.5	223M504A631K
0.027	5.5	9.0	10.0	273M504A401K	5.5	11.0	12.5	273M504A631K
0.033	6.0	9.5	10.0	333M504A401K	6.0	12.0	12.5	333M504A631K
0.039	5.0	8.0	12.5	393M504A401K	6.0	12.5	12.5	393M504A631K
0.047	5.0	8.5	12.5	473M504A401K	6.5	13.5	12.5	473M504A631K
0.056	5.0	9.5	12.5	563M504A401K	5.5	10.5	18.5	563M504A631K
0.068	5.5	10.5	12.5	683M504A401K	6.0	11.0	18.5	683M504A631K
0.082	6.0	11.0	12.5	823M504A401K	6.5	12.0	18.5	823M504A631K
0.10	6.5	12.0	12.5	104M504A401K	6.5	13.5	18.5	104M504A631K
0.12	5.0	10.0	18.5	124M504A401K	6.5	14.5	18.5	124M504A631K
0.15	5.0	12.5	18.5	154M504A401K	7.5	15.5	18.5	154M504A631K
0.18	5.5	12.5	18.5	184M504A401K	8.0	16.0	18.5	184M504A631K
0.22	6.0	13.0	18.5	224M504A401K	9.0	16.5	18.5	224M504A631K
0.27	6.5	14.5	18.5	274M504A401K	7.0	16.5	26.0	274M504A631K
0.33	7.0	15.0	18.5	334M504A401K	8.0	17.0	26.0	334M504A631K
0.39	7.5	15.5	18.5	394M504A401K	8.5	18.0	26.0	394M504A631K
0.47	8.0	17.0	18.5	474M504A401K	9.5	18.5	26.0	474M504A631K
0.56	6.5	16.0	26.0	564M504A401K	10.0	20.0	26.0	564M504A631K
0.68	7.0	16.5	26.0	684M504A401K	11.5	21.0	26.0	684M504A631K
0.82	8.0	17.5	26.0	824M504A401K	11.5	20.5	31.0	824M504A631K
1.0	8.5	19.0	26.0	105M504A401K	12.5	22.0	31.0	105M504A631K
1.2	9.5	19.0	26.0	125M504A401K	13.5	23.0	31.0	125M504A631K
1.5	9.5	19.0	31.0	155M504A401K	15.5	25.0	31.0	155M504A631K
1.8	11.0	20.5	31.0	185M504A401K	17.0	27.0	31.0	185M504A631K
2.2	12.5	22.0	31.0	225M504A401K	19.5	29.0	31.0	225M504A631K
2.7	13.5	23.0	31.0	275M504A401K				
3.3	15.0	25.0	31.0	335M504A401K				
3.9	16.5	27.0	31.0	395M504A401K				
4.7	19.5	30.0	31.0	475M504A401K				

*Other Values, Voltages, And Dimensions Are Available On Request



Miniature Metallized Polyester - Axial Oval Wrap & Fill

TYPE: M506 Series



L	11.0	14.0	19.0	26.5	32.0
d	0.5	0.6	0.6	0.8	0.8

(mm)

CAP. (μ F)	63 VDC				100 VDC				250 VDC			
	T	H	L	Part No.	T	H	L	Part No.	T	H	L	Part No.
0.01									3.5	6.0	11.0	103M506A251K
0.012									3.5	6.0	11.0	123M506A251K
0.015									3.5	6.0	11.0	153M506A251K
0.018									3.5	6.0	11.0	183M506A251K
0.022									3.5	6.0	11.0	223M506A251K
0.027									3.5	6.0	11.0	273M506A251K
0.033									3.5	6.0	11.0	333M506A251K
0.039									3.5	6.0	11.0	393M506A251K
0.047									3.5	6.0	11.0	473M506A251K
0.056									3.5	6.0	11.0	563M506A251K
0.068									3.5	6.0	11.0	683M506A251K
0.082									3.5	6.0	11.0	823M506A251K
0.10	3.5	6.0	11.0	104M506A630K	3.5	6.0	11.0	104M506A101K	3.5	6.5	11.0	104M506A251K
0.12	3.5	6.0	11.0	124M506A630K	3.5	6.0	11.0	124M506A101K	3.5	6.0	14.0	124M506A251K
0.15	3.5	6.0	11.0	154M506A630K	3.5	6.0	11.0	154M506A101K	4.0	7.0	14.0	154M506A251K
0.18	3.5	6.0	11.0	184M506A630K	3.5	6.5	11.0	184M506A101K	4.5	8.5	14.0	184M506A251K
0.22	3.5	6.0	11.0	224M506A630K	3.5	6.5	11.0	224M506A101K	5.0	10.0	14.0	224M506A251K
0.27	3.5	6.0	11.0	274M506A630K	3.5	6.0	14.0	274M506A101K	4.0	7.5	19.0	274M506A251K
0.33	3.5	6.0	11.0	334M506A630K	3.5	6.0	14.0	334M506A101K	4.5	8.5	19.0	334M506A251K
0.39	3.5	6.0	11.0	394M506A630K	3.5	6.5	14.0	394M506A101K	5.0	9.0	19.0	394M506A251K
0.47	3.5	6.0	11.0	474M506A630K	4.0	7.5	14.0	474M506A101K	5.0	9.5	19.0	474M506A251K
0.56	3.5	6.0	14.0	564M506A630K	3.5	6.5	19.0	564M506A101K	5.5	10.5	19.0	564M506A251K
0.68	3.5	6.0	14.0	684M506A630K	4.0	7.5	19.0	684M506A101K	6.0	11.5	19.0	684M506A251K
0.82	3.5	6.5	14.0	824M506A630K	4.5	8.0	19.0	824M506A101K	5.5	10.0	26.5	824M506A251K
1.0	4.0	7.5	14.0	105M506A630K	5.0	9.5	19.0	105M506A101K	6.0	11.0	26.5	105M506A251K
1.2	4.5	8.0	14.0	125M506A630K	5.5	10.0	19.0	125M506A101K	6.0	12.0	26.5	125M506A251K
1.5	5.0	8.5	14.0	155M506A630K	6.0	11.0	19.0	155M506A101K	7.0	13.0	26.5	155M506A251K
1.8	4.0	7.5	19.0	185M506A630K	5.5	10.0	26.5	185M506A101K	7.5	13.5	26.5	185M506A251K
2.2	4.5	8.5	19.0	225M506A630K	6.0	12.0	26.5	225M506A101K	8.0	14.0	26.5	225M506A251K
2.7	4.5	9.0	19.0	275M506A630K	6.5	12.5	26.5	275M506A101K	8.0	14.0	32.0	275M506A251K
3.3	5.0	9.5	19.0	335M506A630K	7.0	13.0	26.5	335M506A101K	8.5	14.5	32.0	335M506A251K
3.9	5.0	10.5	19.0	395M506A630K	7.5	13.5	26.5	395M506A101K	9.5	17.0	32.0	395M506A251K
4.7	5.5	11.0	19.0	475M506A630K	8.0	15.0	26.5	475M506A101K	10.0	19.0	32.0	475M506A251K
5.6	5.0	10.5	26.5	565M506A630K	7.5	13.5	32.0	565M506A101K	11.0	20.5	32.0	565M506A251K
6.8	5.5	11.0	26.5	685M506A630K	8.0	14.0	32.0	685M506A101K	11.5	22.0	32.0	685M506A251K
8.2	6.0	12.0	26.5	825M506A630K	8.5	15.5	32.0	825M506A101K	13.0	24.0	32.0	825M506A251K
10.0	7.5	13.5	26.5	106M506A630K	9.0	17.0	32.0	106M506A101K	14.5	26.0	32.0	106M506A251K
12.0	8.0	14.0	26.5	126M506A630K	9.5	18.5	32.0	126M506A101K				
15.0	7.0	13.0	32.0	156M506A630K	10.5	20.0	32.0	156M506A101K				
18.0	8.0	14.0	32.0	186M506A630K	12.0	22.0	32.0	186M506A101K				
22.0	8.5	15.5	32.0	226M506A630K	13.0	24.0	32.0	226M506A101K				
25.0	9.0	17.0	32.0	256M506A630K								
30.0	9.5	18.5	32.0	306M506A630K								
35.0	10.0	20.0	32.0	356M506A630K								
40.0	11.0	21.0	32.0	406M506A630K								
45.0	12.0	22.0	32.0	456M506A630K								
50.0	12.5	23.0	32.0	506M506A630K								

*Other Values, Voltages, And Dimensions Are Available On Request



Miniature Metallized Polyester - Axial Oval Wrap & Fill

TYPE: M506 Series

(mm)

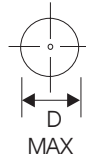
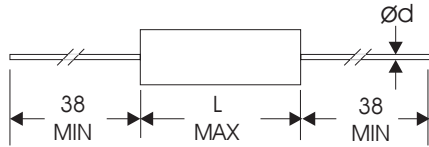
CAP. (μ F)	400 VDC				630 VDC			
	T	H	L	Part No.	T	H	L	Part No.
0.01	3.5	6.0	11.0	103M506A401K	3.5	6.0	11.0	103M506A631K
0.012	3.5	6.0	11.0	123M506A401K	3.5	6.0	11.0	123M506A631K
0.015	3.5	6.0	11.0	153M506A401K	3.5	6.0	14.0	153M506A631K
0.018	3.5	6.0	11.0	183M506A401K	3.5	6.0	14.0	183M506A631K
0.022	3.5	6.0	11.0	223M506A401K	3.5	6.5	14.0	223M506A631K
0.027	3.5	6.0	11.0	273M506A401K	3.5	6.5	14.0	273M506A631K
0.033	3.5	6.0	11.0	333M506A401K	4.0	7.5	14.0	333M506A631K
0.039	3.5	6.0	11.0	393M506A401K	4.5	8.0	14.0	393M506A631K
0.047	3.5	6.0	11.0	473M506A401K	4.5	8.5	14.0	473M506A631K
0.056	3.5	6.0	14.0	563M506A401K	4.0	7.0	19.0	563M506A631K
0.068	3.5	6.0	14.0	683M506A401K	4.5	7.5	19.0	683M506A631K
0.082	4.0	7.5	14.0	823M506A401K	4.5	8.5	19.0	823M506A631K
0.10	4.5	8.5	14.0	104M506A401K	5.0	9.5	19.0	104M506A631K
0.12	4.0	8.0	19.0	124M506A401K	5.0	10.5	19.0	124M506A631K
0.15	4.5	8.5	19.0	154M506A401K	6.0	11.5	19.0	154M506A631K
0.18	5.0	9.5	19.0	184M506A401K	5.5	11.0	26.5	184M506A631K
0.22	5.5	10.5	19.0	224M506A401K	6.0	12.0	26.5	224M506A631K
0.27	5.5	11.0	19.0	274M506A401K	6.5	12.5	26.5	274M506A631K
0.33	6.0	11.5	19.0	334M506A401K	7.0	13.0	26.5	334M506A631K
0.39	5.5	11.0	26.5	394M506A401K	7.5	13.5	26.5	394M506A631K
0.47	6.0	11.5	26.5	474M506A401K	8.0	14.5	26.5	474M506A631K
0.56	6.5	12.5	26.5	564M506A401K	8.0	14.5	32.0	564M506A631K
0.68	7.0	13.0	26.5	684M506A401K	9.0	16.0	32.0	684M506A631K
0.82	7.5	13.5	26.5	824M506A401K	9.5	17.0	32.0	824M506A631K
1.0	8.0	15.0	26.5	105M506A401K	10.0	19.0	32.0	105M506A631K
1.2	8.0	15.0	32.0	125M506A401K	10.5	21.0	32.0	125M506A631K
1.5	9.0	16.5	32.0	155M506A401K	12.5	23.0	32.0	155M506A631K
1.8	9.5	18.0	32.0	185M506A401K	13.0	24.0	32.0	185M506A631K
2.2	10.0	19.0	32.0	225M506A401K	15.0	26.0	32.0	225M506A631K
2.7	11.5	21.5	32.0	275M506A401K				
3.3	13.0	23.0	32.0	335M506A401K				
3.9	13.5	24.5	32.0	395M506A401K				
4.7	15.5	26.5	32.0	475M506A401K				

*Other Values, Voltages, And Dimensions Are Available On Request



Miniature Metallized Polyester - Axial Round Wrap & Fill

TYPE: M508 Series



L	11.0	14.0	19.0	26.5	32.0
d	0.5	0.6	0.6	0.8	0.8

(mm)

CAP. (μ F)	63 VDC			100 VDC			250 VDC		
	D	L	Part No.	D	L	Part No.	D	L	Part No.
0.01							5.0	11.0	103M508A251K
0.012							5.0	11.0	123M508A251K
0.015							5.0	11.0	153M508A251K
0.018							5.0	11.0	183M508A251K
0.022							5.0	11.0	223M508A251K
0.027							5.0	11.0	273M508A251K
0.033							5.0	11.0	333M508A251K
0.039							5.0	11.0	393M508A251K
0.047							5.0	11.0	473M508A251K
0.056							5.0	11.0	563M508A251K
0.068							5.0	11.0	683M508A251K
0.082							5.0	11.0	823M508A251K
0.10	4.5	11.0	104M508A630K	5.0	11.0	104M508A101K	5.5	11.0	104M508A251K
0.12	4.5	11.0	124M508A630K	5.0	11.0	124M508A101K	5.5	14.0	124M508A251K
0.15	4.5	11.0	154M508A630K	5.0	11.0	154M508A101K	6.0	14.0	154M508A251K
0.18	5.0	11.0	184M508A630K	5.5	11.0	184M508A101K	7.0	14.0	184M508A251K
0.22	5.0	11.0	224M508A630K	5.5	11.0	224M508A101K	7.5	14.0	224M508A251K
0.27	5.0	11.0	274M508A630K	5.0	14.0	274M508A101K	6.0	19.0	274M508A251K
0.33	5.0	11.0	334M508A630K	5.0	14.0	334M508A101K	6.5	19.0	334M508A251K
0.39	5.0	11.0	394M508A630K	5.5	14.0	394M508A101K	7.0	19.0	394M508A251K
0.47	5.0	11.0	474M508A630K	6.5	14.0	474M508A101K	7.5	19.0	474M508A251K
0.56	5.0	14.0	564M508A630K	6.0	19.0	564M508A101K	8.0	19.0	564M508A251K
0.68	5.5	14.0	684M508A630K	6.5	19.0	684M508A101K	8.5	19.0	684M508A251K
0.82	6.0	14.0	824M508A630K	7.0	19.0	824M508A101K	8.0	26.5	824M508A251K
1.0	6.5	14.0	105M508A630K	7.5	19.0	105M508A101K	8.5	26.5	105M508A251K
1.2	7.0	14.0	125M508A630K	8.0	19.0	125M508A101K	9.0	26.5	125M508A251K
1.5	7.5	14.0	155M508A630K	8.5	19.0	155M508A101K	10.0	26.5	155M508A251K
1.8	6.0	19.0	185M508A630K	8.0	26.5	185M508A101K	10.5	26.5	185M508A251K
2.2	6.5	19.0	225M508A630K	9.0	26.5	225M508A101K	11.5	26.5	225M508A251K
2.7	7.0	19.0	275M508A630K	9.5	26.5	275M508A101K	11.0	32.0	275M508A251K
3.3	7.5	19.0	335M508A630K	10.5	26.5	335M508A101K	12.0	32.0	335M508A251K
3.9	8.0	19.0	395M508A630K	11.0	26.5	395M508A101K	13.0	32.0	395M508A251K
4.7	8.5	19.0	475M508A630K	11.5	26.5	475M508A101K	14.5	32.0	475M508A251K
5.6	8.0	26.5	565M508A630K	11.0	32.0	565M508A101K	16.0	32.0	565M508A251K
6.8	8.5	26.5	685M508A630K	12.0	32.0	685M508A101K	17.0	32.0	685M508A251K
8.2	9.0	26.5	825M508A630K	12.5	32.0	825M508A101K	19.0	32.0	825M508A251K
10.0	10.0	26.5	106M508A630K	13.5	32.0	106M508A101K	20.5	32.0	106M508A251K
12.0	11.0	26.5	126M508A630K	14.5	32.0	126M508A101K			
15.0	10.5	32.0	156M508A630K	16.0	32.0	156M508A101K			
18.0	11.5	32.0	186M508A630K	17.5	32.0	186M508A101K			
22.0	12.5	32.0	226M508A630K	19.0	32.0	226M508A101K			
25.0	13.5	32.0	256M508A630K						
30.0	14.5	32.0	306M508A630K						
35.0	15.5	32.0	356M508A630K						
40.0	16.5	32.0	406M508A630K						
45.0	17.5	32.0	456M508A630K						
50.0	18.0	32.0	506M508A630K						

*Other Values, Voltages, And Dimensions Are Available On Request



Miniature Metallized Polyester - Axial Round Wrap & Fill

TYPE: M508 Series

(mm)

CAP. (μF)	400 VDC			630 VDC		
	D	L	Part No.	D	L	Part No.
0.01	5.0	11.0	103M508A401K	5.0	11.0	103M508A631K
0.012	5.0	11.0	123M508A401K	5.0	11.0	123M508A631K
0.015	5.0	11.0	153M508A401K	5.0	14.0	153M508A631K
0.018	5.0	11.0	183M508A401K	5.0	14.0	183M508A631K
0.022	5.0	11.0	223M508A401K	5.5	14.0	223M508A631K
0.027	5.0	11.0	273M508A401K	6.0	14.0	273M508A631K
0.033	5.0	11.0	333M508A401K	6.0	14.0	333M508A631K
0.039	5.0	11.0	393M508A401K	6.5	14.0	393M508A631K
0.047	5.5	11.0	473M508A401K	7.0	14.0	473M508A631K
0.056	5.0	14.0	563M508A401K	6.0	19.0	563M508A631K
0.068	5.5	14.0	683M508A401K	6.5	19.0	683M508A631K
0.082	6.0	14.0	823M508A401K	6.5	19.0	823M508A631K
0.10	6.5	14.0	104M508A401K	7.5	19.0	104M508A631K
0.12	6.5	19.0	124M508A401K	8.0	19.0	124M508A631K
0.15	7.0	19.0	154M508A401K	8.5	19.0	154M508A631K
0.18	7.5	19.0	184M508A401K	8.0	26.5	184M508A631K
0.22	8.0	19.0	224M508A401K	9.0	26.5	224M508A631K
0.27	8.5	19.0	274M508A401K	10.0	26.5	274M508A631K
0.33	9.0	19.0	334M508A401K	10.5	26.5	334M508A631K
0.39	8.5	26.5	394M508A401K	11.0	26.5	394M508A631K
0.47	9.0	26.5	474M508A401K	12.0	26.5	474M508A631K
0.56	9.5	26.5	564M508A401K	12.0	32.0	564M508A631K
0.68	10.0	26.5	684M508A401K	13.0	32.0	684M508A631K
0.82	11.0	26.5	824M508A401K	14.0	32.0	824M508A631K
1.0	13.0	26.5	105M508A401K	15.5	32.0	105M508A631K
1.2	12.5	32.0	125M508A401K	16.5	32.0	125M508A631K
1.5	13.0	32.0	155M508A401K	18.0	32.0	155M508A631K
1.8	14.5	32.0	185M508A401K	19.0	32.0	185M508A631K
2.2	15.5	32.0	225M508A401K	21.0	32.0	225M508A631K
2.7	17.0	32.0	275M508A401K			
3.3	18.5	32.0	335M508A401K			
3.9	20.0	32.0	395M508A401K			
4.7	22.0	32.0	475M508A401K			

*Other Values, Voltages, And Dimensions Are Available On Request