

**Metallized Polyester Film Capacitor Series
Type MER**

△ Features

- Non-inductive constructions with flame-retardant epoxy powder coating
- Excellent electrical characteristic & self-healing characteristics

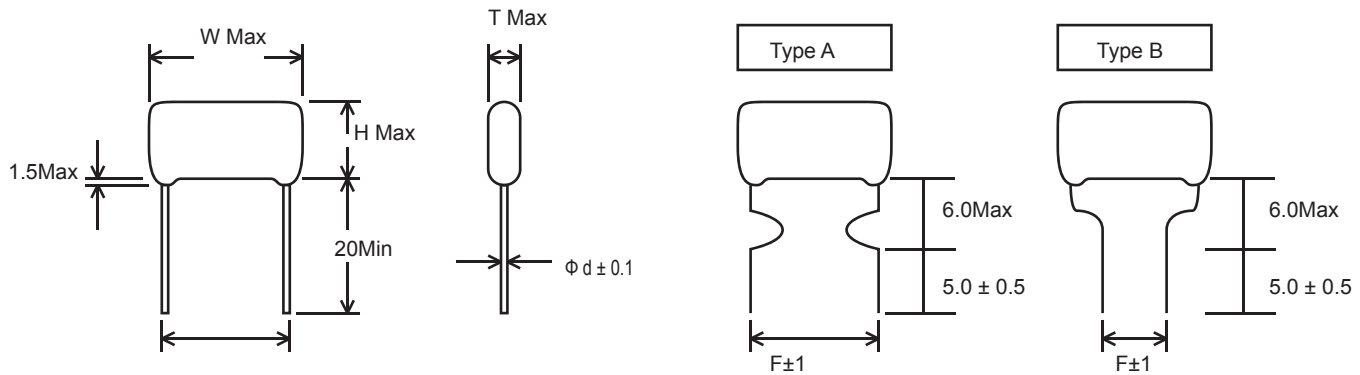
△ Applications

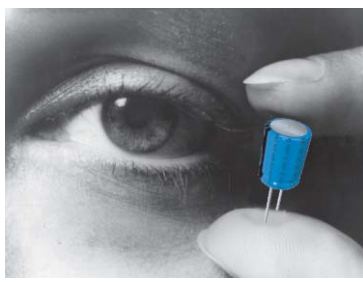
- Suitable for in filter, coupling and bypassing of the general communication, self-healing characteristics.

△ Specifications

Item	Characteristics
Operating Temperature Range	- 40 ~ +85°C
Capacitance Range	0.01μF ~ 6.8μF
Capacitance Tolerance	± 2%(G), ± 5%(J), ± 10%(K)
Standard Working Voltage	DC100V(2A), 250V(2E), 400V(2G), 630V(2J)
Dissipation Factor	Max 1.0% at 1kHz, 20°C
Insulation Resistance	Min 9,000MΩ (C ≤ 0.33μF) Min 3,000MΩ (C > 0.33μF)
Withstanding Voltage	Rated voltage X 1.75 (5sec)

△ Dimensions





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Δ Dimensions

units: mm

WV Cap(μF)	DC 250V (100V) = 2A					DC 400V = 2G					DC 630V = 2J					
	W	H	T	P	ø	W	H	T	P	ø	W	H	T	P	ø	
103	0.01	14.0	10.5	6.0	11.5	0.7	14.0	10.5	6.5	11.5	0.7	14.0	10.5	6.5	11.5	0.7
123	0.012	14.0	10.5	6.0	11.5	0.7	14.0	10.5	6.5	11.5	0.7	14.0	10.5	6.5	11.5	0.7
153	0.015	14.0	10.5	6.0	11.5	0.7	14.0	10.5	6.5	11.5	0.7	14.0	10.5	6.5	11.5	0.7
183	0.018	14.0	10.5	6.0	11.5	0.7	14.0	10.5	6.5	11.5	0.7	14.0	10.5	6.5	11.5	0.7
223	0.022	14.0	10.5	6.0	11.5	0.7	14.0	10.5	6.5	11.5	0.7	14.0	10.5	6.5	11.5	0.7
273	0.027	14.0	10.5	6.0	11.5	0.7	14.0	10.5	6.5	11.5	0.7	14.0	10.5	6.5	11.5	0.7
333	0.033	14.0	10.5	6.0	11.5	0.7	14.0	10.5	6.5	11.5	0.7	14.0	10.5	6.5	11.5	0.7
393	0.039	14.0	10.5	6.0	11.5	0.7	14.0	10.5	6.5	11.5	0.7	19.5	12.5	6.5	16.5	0.7
473	0.047	14.0	10.5	6.0	11.5	0.7	14.0	10.5	6.5	11.5	0.7	19.5	12.5	6.5	16.5	0.7
563	0.056	14.0	12.5	6.5	11.5	0.7	14.0	10.5	6.5	11.5	0.7	19.5	12.5	6.5	16.5	0.7
683	0.068	14.0	12.5	6.5	11.5	0.7	14.0	10.5	6.5	11.5	0.7	19.5	12.5	6.5	16.5	0.7
823	0.082	14.0	12.5	6.5	11.5	0.7	14.0	13.0	8.0	11.5	0.7	19.5	15.0	8.5	16.5	0.7
104	0.1	14.0	12.5	6.5	11.5	0.7	16.5	13.0	6.5	15.0	0.7	19.5	15.0	8.5	16.5	0.7
124	0.12	14.0	12.5	6.5	11.5	0.7	19.5	13.0	7.5	16.5	0.7	19.5	15.0	8.5	16.5	0.7
154	0.15	14.0	12.5	6.5	11.5	0.7	19.5	13.0	7.5	16.5	0.7	25.0	16.0	9.5	21.5	0.7
184	0.18	14.0	12.5	6.5	11.5	0.7	19.5	13.0	7.5	16.5	0.7	25.0	16.0	9.5	21.5	0.7
224	0.22	19.5	12.5	6.5	16.5	0.7	25.0	14.5	7.5	21.5	0.7	25.0	18.0	9.5	21.5	0.8
274	0.27	19.5	12.5	6.5	16.5	0.7	25.0	14.5	7.5	21.5	0.7	25.0	18.0	9.5	21.5	0.8
334	0.33	19.5	12.5	6.5	16.5	0.7	25.0	17.0	9.0	21.5	0.7	25.0	19.5	10.5	26.5	0.8
394	0.39	19.5	12.5	6.5	16.5	0.7	25.0	17.0	9.0	21.5	0.7	29.5	19.5	10.5	26.5	0.8
474	0.47	19.5	13.5	6.5	16.5	0.7	25.0	17.0	11.0	21.5	0.8	29.5	22.0	12.0	26.5	0.8
564	0.56	19.5	14.0	7.0	16.5	0.7	29.5	19.0	11.0	26.5	0.8	29.5	22.0	13.0	26.5	0.8
684	0.68	25.0	14.0	7.0	21.5	0.7	29.5	19.0	11.0	26.5	0.8	30.0	25.0	15.0	26.5	0.8
824	0.82	25.0	17.0	7.0	21.5	0.8	29.5	19.0	11.0	26.5	0.8	37.0	28.0	17.0	31.5	0.8
105	1.0	25.0	17.0	9.5	21.5	0.8	30.0	21.5	13.5	26.5	0.8	37.0	28.0	17.0	31.5	0.8
125	1.2	25.0	20.0	9.5	21.5	0.8	30.0	23.0	13.5	26.5	0.8	37.0	28.0	17.0	31.5	0.8
155	1.5	29.5	20.0	9.5	26.5	0.8	30.0	24.0	15.0	26.5	0.8					
185	1.8	29.5	20.0	9.5	26.5	0.8										
205	2.0	29.5	20.0	9.5	26.5	0.8										
225	2.2	29.5	20.0	9.5	26.5	0.8										
275	2.7	30	20.0	11.0	26.5	0.8										
335	3.3	30	20.0	11.0	26.5	0.8										
475	4.7	30	25.0	14.0	26.5	0.8										
685	6.8	30	25.0	16.0	26.5	0.8										

NOTE: Part Numbering System
(1) (2) (3) (4)
MER 103 M 2A

- 1 Series
- 2 Capacitance
- 3 Tolerance
- 4 Working Voltage

Fixed Component Capacitors