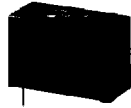


## METALLIZED POLYETHYLENE TEREPHTHALATE FILM CAPACITORS

CDI (Charge Discharge Igniter) 回路用  
For CDI-circuit

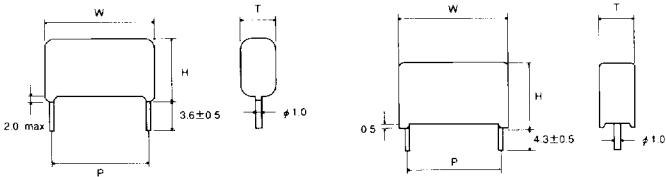
### Type 519

### Type 559



DIMENSIONS:

mm



特長

- 優れた充放電特性を持っています。
- 559型は高耐湿性能もかね備えています。

FEATURES

- Excellent performance for charge and discharge.
- Excellent performance for moisture resistance (Type 559)

CHARACTERISTICS:

Operating temperature range: -40~+85°C to 105°C with voltage derating (Type 559)  
-40~+105°C (Type 519)

Rated voltage: 150VDC  
200VDC (Type 559)  
250VDC (Type 559)

Capacitance range: 10µF  
Capacitance tolerance: ±5% (J), ±10% (K)  
Insulation resistance: 3000ΩF

Catalog number	Rated Voltage (VDC)	Cap. (µF)	Dimensions (mm)			
			W±0.5	H±0.5	T±0.5	P±0.5
519 A 1503 106J <sup>□</sup>	150	10	42.0 <sup>max</sup>	26.5 <sup>max</sup>	19.0 <sup>max</sup>	37.0
559 A 1503 106J <sup>□</sup>	150	↓	32.5	29.0	16.0	30.0
559 A 2003 106J <sup>□</sup>	200	↓	32.5	32.5	24.5	27.5
559 A 2503 106J <sup>□</sup>	250	↓	42.5	32.5	24.5	39.0

□<sup>1</sup>には静電容量許容差記号JまたはKが入ります。

□<sup>2</sup>: Capacitance tolerance code J or K.

御要望により他の定格や125°C仕様 (Type 559) も製作いたします。

Another C/V values or maximum operating temperature 125°C (Type 559) are available upon request.

## METALLIZED POLYETHYLENE TEREPHTHALATE FILM CAPACITORS

### Type 431 Type 431A

Wrapped with PET tape and epoxy end seal

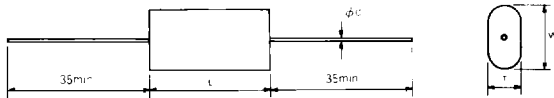


CHARACTERISTICS

Failure rate level: 1%/1000h (M), no set (A)  
Operating temperature range: -40~+85°C  
Rated voltage: 200V, 400V, 600VDC  
(Recommend 431A for pulse by-passing)  
Capacitance range: 0.015µF to 10µF (E6 series)  
Capacitance tolerance: ±5% (J), ±10% (K)  
Insulation resistance: <math>< 0.33\mu\text{F}</math> 9000MΩ min.  
>math>\ge 0.33\mu\text{F}</math> 3000ΩF min.  
Dissipation factor: 0.01 max.

DIMENSIONS:

mm



Catalog number	Rated Voltage (VDC)	Cap. (µF)	Dimensions (mm)			
			T max.	W max.	L max.	d
431 M 2003 473 <sup>□</sup>	200	0.047	5.0	9.5	18.0	0.6
431 M 2003 683 <sup>□</sup>		0.068	6.5	10.5	↓	↓
431 <sup>□</sup> 2003 104 <sup>□</sup>		0.1	5.0	9.5	↓	↓
431 <sup>□</sup> 2003 154 <sup>□</sup>		0.15	6.5	10.5	↓	↓
431 <sup>□</sup> 2003 224 <sup>□</sup>		0.22	5.5	10.0	23.0	↓
431 <sup>□</sup> 2003 334 <sup>□</sup>		0.33	7.0	11.5	↓	↓
431 <sup>□</sup> 2003 474 <sup>□</sup>		0.47	8.5	13.0	↓	↓
431 <sup>□</sup> 2003 684 <sup>□</sup>		0.68	10.0	16.0	↓	0.8
431 <sup>□</sup> 2003 105 <sup>□</sup>		1.0	9.0	15.5	31.0	↓
431 <sup>□</sup> 2003 155 <sup>□</sup>		1.5	11.5	17.5	↓	↓
431 <sup>□</sup> 2003 225 <sup>□</sup>		2.2	12.0	18.5	38.0	↓
431 <sup>□</sup> 2003 335 <sup>□</sup>		3.3	14.0	23.0	↓	↓
431 <sup>□</sup> 2003 475 <sup>□</sup>		4.7	14.5	24.0	46.0	1.0
431 <sup>□</sup> 2003 685 <sup>□</sup>	6.8	18.0	27.5	↓	↓	
431 <sup>□</sup> 2003 106 <sup>□</sup>	10	21.0	33.5	↓	↓	
431 M 4003 333 <sup>□</sup>	400	0.033	5.5	10.0	18.0	0.6
431 M 4003 473 <sup>□</sup>		0.047	7.0	11.0	↓	↓
431 M 4003 683 <sup>□</sup>		0.068	6.0	10.0	23.0	↓
431 <sup>□</sup> 4003 104 <sup>□</sup>		0.1	7.5	11.5	↓	↓
431 <sup>□</sup> 4003 154 <sup>□</sup>		0.15	9.5	13.5	↓	↓
431 <sup>□</sup> 4003 224 <sup>□</sup>		0.22	8.5	14.5	31.0	0.8
431 <sup>□</sup> 4003 334 <sup>□</sup>		0.33	↓	↓	38.0	↓
431 <sup>□</sup> 4003 474 <sup>□</sup>		0.47	10.5	16.5	↓	↓
431 <sup>□</sup> 4003 684 <sup>□</sup>		0.68	11.5	21.0	↓	↓
431 <sup>□</sup> 4003 105 <sup>□</sup>		1.0	14.5	24.0	↓	↓
431 <sup>□</sup> 4003 155 <sup>□</sup>		1.5	15.5	25.0	46.0	1.0
431 <sup>□</sup> 4003 225 <sup>□</sup>		2.2	20.0	29.0	↓	↓
431 <sup>□</sup> 4003 335 <sup>□</sup>		3.3	23.5	36.0	↓	↓
431 M 6003 153 <sup>□</sup>	600	0.015	5.5	9.5	18.0	0.6
431 M 6003 223 <sup>□</sup>		0.022	6.5	11.0	↓	↓
431 M 6003 333 <sup>□</sup>		0.033	6.0	10.0	23.0	↓
431 M 6003 473 <sup>□</sup>		0.047	7.0	11.5	↓	↓
431 M 6003 683 <sup>□</sup>		0.068	8.5	13.0	↓	↓
431 <sup>□</sup> 6003 104 <sup>□</sup>		0.1	10.0	16.0	↓	↓
431 <sup>□</sup> 6003 154 <sup>□</sup>		0.15	9.5	15.5	31.0	0.8
431 <sup>□</sup> 6003 224 <sup>□</sup>		0.22	12.0	18.0	↓	↓
431 <sup>□</sup> 6003 334 <sup>□</sup>		0.33	11.5	↓	38.0	↓
431 <sup>□</sup> 6003 474 <sup>□</sup>		0.47	13.0	22.5	↓	↓
431 <sup>□</sup> 6003 684 <sup>□</sup>		0.68	16.0	25.5	↓	↓
431 <sup>□</sup> 6003 105 <sup>□</sup>		1.0	17.5	26.5	46.0	1.0
431 <sup>□</sup> 6003 155 <sup>□</sup>		1.5	20.5	33.0	↓	↓
431 <sup>□</sup> 6003 225 <sup>□</sup>	2.2	26.0	38.5	↓	↓	

□<sup>1</sup>には故障率水準MまたはAが入ります。

□<sup>2</sup>: Failure rate level M or A.

□<sup>1</sup>には静電容量許容差記号JまたはKが入ります。

□<sup>2</sup>: Capacitance tolerance code J or K.