

Metallized Polypropylene Motor Run Film Capacitors

Series Code
123, 137

Main Application

Self-healing capacitor for general sine wave applications, mainly as motor run capacitor.

Construction

Low inductive wound cell of metallized polypropylene film encased in a flame retardant rectangular or round can.

Climatic Category

40/85/21

Maximum Operating Temperature

85°C

Applicable Specification

IS-1709

Capacitance Value

0.68μF-10μF

Capacitance Tolerance

±5% & ±10%

Insulation Resistance

Minimum Insulation Resistance R_{IS}
(or) time constant $T = C_R \times R_{IS}$
Measured at 500VDC for 60 sec.
(at 25° C, relative humidity ≤65%)

>3000s

Rated Voltage

440VAC

Voltage Proof

Between Terminals: 660VAC for 10 sec.

Tan δ

≤0.002 at 50 Hz

Endurance Test

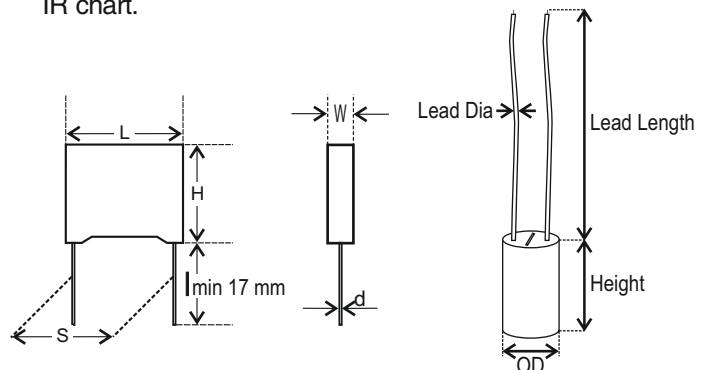
Loaded at 1.25 times of rated voltage at 85°C for 500 hours.

After The Test

$\Delta C/C$: ≤5% of initial value

Tan δ: ≤0.002 at 50 Hz

Insulation Resistance: ≥50% of the value mentioned in IR chart.



Ordering code and packing units: Metallized Polypropylene Motor Run Film Capacitors
Rectangular can • Series Code 123

Rated Voltage	Rated Cap. (μF)	W (±0.5)	H (±0.5)	Dimensions (mm) L (±0.5)	d (±0.05)	S (±1.0)	Ordering Code	Packing Units Bulk
440VAC	1.0	13.0	22.0	32.0	0.8	27.5	123 105 + 06 ^A	150
	1.5	14.0	28.0	32.0	0.8	27.5	123 155 + 06 ^A	150
	2.0	18.0	27.5	32.0	0.8	27.5	123 205 + 06 ^A	150
	2.2	18.0	27.5	32.0	0.8	27.5	123 225 + 06 ^A	150
	2.5	22.5	32.0	32.0	0.8	27.5	123 255 + 06 ^A	150
	3.0	17.0	32.0	42.5	1.0	37.5	123 305 + 06 ^A	150
	3.5	20.0	40.0	42.5	1.0	37.5	123 355 + 06 ^A	150
	4.0	20.0	40.0	42.5	1.0	37.5	123 405 + 06 ^A	100

Ordering code and packing units: Metallized Polypropylene Motor Run Film Capacitors
Round Can • Series Code 137

Rated Voltage	Rated Cap. (μF)	Outer Diameter (±0.5)	Height (±0.5)	Dimensions (mm) Lead Length (±0.5)	Lead Dia (±0.05)	Ordering Code	Packing Units Bulk
440VAC	0.68	27	53	80	2.15	137 684 + 06 ^A	50
	1.5	27	53	80	2.15	137 155 + 06 ^A	50
	2.0	27	53	80	2.15	137 205 + 06 ^A	50
	2.2	27	53	80	2.15	137 225 + 06 ^A	50
	2.5	27	53	80	2.15	137 255 + 06 ^A	50
	3.0	27	53	80	2.15	137 305 + 06 ^A	50
	3.5	27	53	80	2.15	137 355 + 06 ^A	50
	4.0	27	53	80	2.15	137 405 + 06 ^A	50
	5.0	35	53	80	2.15	137 505 + 06 ^A	30
	6.0	35	53	80	2.15	137 605 + 06 ^A	30
	8.0	35	72	80	2.15	137 805 + 06 ^A	20
	10.0	35	72	80	2.15	137 106 + 06 ^A	20

Note: For more details please contact info@dekielelectronics.com