

RMPF

A polypropylene segmented metallized film with cylindrical aluminium can type filled with resin, screw terminals and plastic deck.

■ Features

- Controlled self-healing
- Excellent stable performance and reliability
- Dry type design, installation is more flexible
- Withstand high r.m.s current and high peak voltage

■ Applications

- AC filter circuit in power electric equipment and UPS power unit

■ Specifications

Reference Standard	IEC 61071
Climatic Category	40 / 70 / 56
Rated Temperature	+70°C
Operation Temperature Range	-40 to + 85 °C
Rated Voltage	300, 500 VAC
Capacitance Range (μF)	10μF – 200 μF
Capacitance Tolerance	±5%, ±10%
Dissipation Factor	2 x 10 ⁻⁴ (50Hz, 20°C)

■ Part Number System

RMPF	AC300V	205	J	50	I		
Part-1	Part-2	Part-3	Part-4	Part-5	Part-6	Part-7	Part-8

Part-1 : Series Code(Series Name)-RMPF
 Part-2 : Rated Voltage(300,500V_{ac})
 Part-3 : Rated Capacitance Value(10 μF – 200 μF / 105~206)
 Part-4 : Capacitance Tolerance(J : ±5% K : ±10%)
 Part-5 : Case Diameter (50/55/76)
 Part-6 : I- Cylindial type
 Part-7 : Internal Use
 Part-8 : Internal Use

CODE	STYLE
B	Bending Forming
C	Straight Cutting
D	D-Type Forming
L	B-Type long Forming
M	C-Type long Forming
S	Straight
X	B-Type Forming
Y	C-Type Forming
Z	Z-Type Forming
T	A-Type Tapping
U	B-Type Tapping
V	C-Type Tapping

■ Dimensions



300Vac

Cap (μ F)	Maximum Dimensions (mm)				Rs	Rthhc	I _{max}	PART NUMBER
	D	H	H1	P	(m Ω)	(K/W)	(A)	
20	50	85	25	22.5	22.0	14.2	8	RMPF AC300V20SJ50I_
40	50	100	25	22.5	17.3	10.4	11	RMPF AC300V40SJ50I_
50	55	100	25	22.5	13.8	9.6	11	RMPF AC300V50SJ55I_
60	55	135	25	22.5	24.8	8.3	11	RMPF AC300V60SJ55I_
100	76	140	35	34	9.7	6.2	14	RMPF AC300V106J76I_
200	76	140	35	34	4.8	6.3	28	RMPF AC300V206J76I_
200	76	140	35	34	4.8	6.3	28	RMPF AC300V206J76I_
200	76	235	35	34	4.9	3.7	42	RMPF AC300V206J76I_

500Vac

Cap Value (μ F)	Maximum Dimensions (mm)				Rs	Rthhc	I _{max}	PART NUMBER
	D	H	H1	P	(m Ω)	(K/W)	(A)	
10	50	85	25	22.5	16.0	14.0	9	RMPF AC500V10SJ50I_
20	50	100	25	22.5	13.0	10.2	12	RMPF AC500V20SJ50I_
30	55	135	25	22.5	16.0	7.4	13	RMPF AC500V30SJ55I_
50	76	130	35	34	9.6	6.7	18	RMPF AC500V50SJ76I_
80	76	185	35	34	3.4	4.5	37	RMPF AC500V80SJ76I_
100	76	235	35	34	9.5	3.7	35	RMPF AC500V106J76I_
130	86	235	35	34	7.2	3.4	47	RMPF AC500V136J86I_
150	86	235	35	34	6.4	3.2	53	RMPF AC500V156J86I_