

AMPE(ROUND)

Constructed of metallized polyester film with axial leads of tinned wire

■ Features

- Optimum Self-healing capability
- High stability of capacitance
- High reliability

■ Applications

- Blocking, by passing, filtering, timing circuits,
- Professional electronics testing equipment. Telecommunications and data processing.
- Automatic control system equipment. Industrial instruments

■ Specifications

Reference Standard	IEC 60384-2
Climatic Category	55/105/56
Rated Temperature	+110°C Derating ratio of rated voltage to +85~+110°C : 1.25%/°C
Operation Temperature Range	-45°C to +85°C
Rated Voltage	100, 250, 400, 630 VDC
Capacitance Range (μF)	0.001 – 10 μF
Capacitance Tolerance	±2%, ±5%, ±10%
Dissipation Factor	1.0 %(max) at 1KHz , 1.5%(max) at 10KHz
Insulation Resistance	VR ≤100VDC: ≥10000MΩ for C≤ 0.33 μF. ≥1000MΩ x μF for C>0.33μF VR >100VDC: ≥ 30000MΩ for C≤ 0.33 μF. ≥10000MΩ x μF for C>0.33μF

■ Part Number System

RAMPE	50V	105	J	11	S	5	
Part-1	Part-2	Part-3	Part-4	Part-5	Part-6	Part-7	Part-8

Part-1 : Series Code(Series Name)-RAMPE

Part-2 : Rated Voltage(100~630VDC)

Part-3 : Rated Capacitance Value(0.01 – 10 μF / 103~106)

Part-4 : Capacitance Tolerance(G: ±2%, J : ±5% K : ±10%)

Part-5 : Length (11mm / 14mm / 20.5mm / 28mm / 33mm)

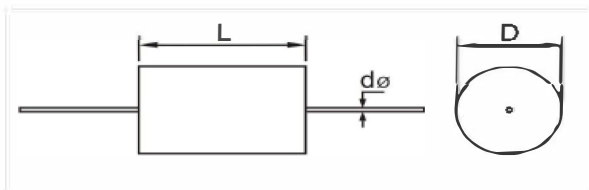
Part-6 : Forming -Type and Packing code

Part-7 : Size Number (5~6 : Min-Type / 7 : Standard- Type / 8~15 : Large-Type)

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



100Vdc (63Vac)				
Cap. (μ F)	Dimensions(Max)			PART NUMBER
	D	L	d	
0.01	5.0	11.0	0.6	RAMPE 100V103J11S5_
0.015	5.0	11.0	0.6	RAMPE 100V153J11S5_
0.022	5.0	11.0	0.6	RAMPE 100V223J11S5_
0.033	5.0	11.0	0.6	RAMPE 100V333J11S5_
0.047	5.0	11.0	0.6	RAMPE 100V473J11S5_
0.068	5.0	11.0	0.6	RAMPE 100V683J11S5_
0.1	5.5	14.0	0.6	RAMPE 100V104J14S5_
0.15	6.0	14.0	0.6	RAMPE 100V154J14S5_
0.22	6.5	14.0	0.6	RAMPE 100V224J14S5_
0.33	7.0	14.0	0.6	RAMPE 100V334J14S5_
0.47	7.5	19.0	0.6	RAMPE 100V474J19S5_
0.68	8.5	19.0	0.8	RAMPE 100V684J19S5_
1.0	10.0	19.0	0.8	RAMPE 100V105J19S5_
1.5	11.0	27.0	0.8	RAMPE 100V155J27S5_
2.2	12.0	27.0	0.8	RAMPE 100V225J27S5_
3.3	14.0	27.0	0.8	RAMPE 100V335J27S5_
4.7	14.5	33.0	0.8	RAMPE 100V475J33S5_
6.8	17.0	33.0	0.8	RAMPE 100V685J33S5_
10	20.0	33.0	0.8	RAMPE 100V106J33S5_

250Vdc (160Vac)				
Cap. (μ F)	Dimensions(Max)			PART NUMBER
	D	L	d	
0.01	5.0	11.0	0.6	RAMPE 250V103J11S5_
0.015	5.0	11.0	0.6	RAMPE 250V153J11S5_
0.022	5.0	11.0	0.6	RAMPE 250V223J11S5_
0.033	5.0	11.0	0.6	RAMPE 250V333J11S5_
0.047	5.5	11.0	0.6	RAMPE 250V473J11S5_
0.068	6.0	14.0	0.6	RAMPE 250V683J14S5_
0.1	7.0	14.0	0.6	RAMPE 250V104J14S5_
0.15	8.5	14.0	0.8	RAMPE 250V154J14S5_
0.22	8.0	19.0	0.8	RAMPE 250V224J19S5_
0.33	9.0	19.0	0.8	RAMPE 250V334J19S5_
0.47	9.5	19.0	0.8	RAMPE 250V474J19S5_
0.68	10.0	27.0	0.8	RAMPE 250V684J27S5_
1.0	11.5	27.0	0.8	RAMPE 250V105J27S5_
1.5	11.5	27.0	0.8	RAMPE 250V155J27S5_
2.2	14.0	33.0	0.8	RAMPE 250V225J33S5_
3.3	16.0	33.0	0.8	RAMPE 250V335J33S5_
4.7	20.0	38.0	0.8	RAMPE 250V475J38S5_
6.8	24.0	38.0	0.8	RAMPE 250V685J38S5_
10	23.0	48.0	0.8	RAMPE 250V106J48S5_

Metallized Polyester Film

400Vdc (200Vac)				
Cap. (μ F)	Dimensions(Max)			PART NUMBER
	D	L	d	
0.01	5.0	11.0	0.6	RAMPE 400V103J11S5_
0.015	5.5	14.0	0.6	RAMPE 400V153J14S5_
0.022	6.0	14.0	0.6	RAMPE 400V223J14S5_
0.033	6.0	14.0	0.6	RAMPE 400V333J14S5_
0.047	7.0	14.0	0.6	RAMPE 400V473J14S5_
0.068	7.5	19.0	0.6	RAMPE 400V683J19S5_
0.1	8.0	19.0	0.6	RAMPE 400V104J19S5_
0.15	9.0	19.0	0.8	RAMPE 400V154J19S5_
0.22	8.5	27.0	0.8	RAMPE 400V224J27S5_
0.33	10.0	27.0	0.8	RAMPE 400V334J27S5_
0.47	12.5	27.0	0.8	RAMPE 400V474J27S5_
0.68	12.5	33.0	0.8	RAMPE 400V684J33S5_
1.0	14.5	33.0	0.8	RAMPE 400V105J33S5_
1.5	17.5	33.0	0.8	RAMPE 400V155J33S5_
2.2	20.0	38.0	0.8	RAMPE 400V225J38S5_
3.3	27.0	38.0	0.8	RAMPE 400V335J38S5_
4.7	30.0	38.0	0.8	RAMPE 400V475J38S5_

630Vdc (220Vac)				
Cap. (μ F)	Dimensions(Max)			PART NUMBER
	D	L	d	
0.01	6.0	14.0	0.6	RAMPE 630V103J14S5_
0.015	6.5	14.0	0.6	RAMPE 630V153J14S5_
0.022	7.0	14.0	0.6	RAMPE 630V223J14S5_
0.033	8.0	19.0	0.6	RAMPE 630V333J19S5_
0.047	8.0	19.0	0.6	RAMPE 630V473J19S5_
0.068	9.0	19.0	0.8	RAMPE 630V683J19S5_
0.1	9.0	27.0	0.8	RAMPE 630V104J27S5_
0.15	10.5	27.0	0.8	RAMPE 630V154J27S5_
0.22	11.5	27.0	0.8	RAMPE 630V224J27S5_
0.33	13.0	33.0	0.8	RAMPE 630V334J33S5_
0.47	14.0	33.0	0.8	RAMPE 630V474J33S5_
0.68	17.5	33.0	0.8	RAMPE 630V684J33S5_
1.0	21.0	38.0	0.8	RAMPE 630V105J38S5_
1.5	25.0	38.0	0.8	RAMPE 630V155J38S5_
2.2	28.0	38.0	0.8	RAMPE 630V225J38S5_