Radial Electrolytic Capacitor multicomp





Features:

- · Ultra miniature radial electrolytic capacitors
- Developed short body length to 7mm, for the demand of smaller and thinner electronic equipment
- Most suitable for high-density electronic equipment, such as: automatic office machines, pocket calculators, car stereos and mini audio sets, VCR, camera, CD-ROM, notebook, etc

Specifications:

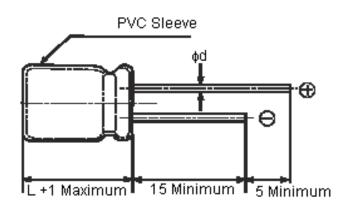
Item	Performance							
Operating temperature range	-40°C to +85°C							
Rated working voltage range	6.3 - 63V DC							
Nominal capacitance range	0.1 - 470μF							
Capacitance tolerance	±20% (at +20°C, 120Hz)							
Leakage current	I = 0.01CV or 3μA after two minutes							
Dissipation factor (tan δ)	Working Voltage (V)	6.3	10	16	25	35	50	63
(120Hz\+20°C)	Tan δ Maximum	0.24	0.2	0.16	0.14	0.12	0.1	0.08
	Working Voltage (V) 6.3 10 16 25 35 50 63							63
Characteristics at low temperature	Working Voltage (V) -25°C/+20°C	4	3	2	25	2	2	2
(stability at 120Hz)	-40°C/+20°C	8	6	4	4	3	3	3
	After 1000 hours application of DC rated working voltage at +85°C, The capacitor shall meet the following limits: Post test requirements at +20°C.							
High temperature loading	Leakage Current Capacitance Cha		≤ the initial specified value ≤ ±20% of initial measured value					
	Dissipation Factor (tan δ) ≤ 200% of initial specified value							
Shelf life	After storage for 500 hours at +85°C with no voltage applied. Post test requirements at +20°C. Same limits as high temperature loading.							
Solvent proof	This capacitor can withstand circuit-board cleaning within 5 minutes dipped in Freon TE, TES, at 40°C (ultrasonic also permitted) or in the steam of these cleaners.							

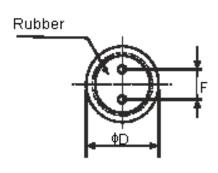


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Diagram of Dimensions





Dф (+0.5 Max.)	3	4	5	6.3	8
F (±0.5)	1	1.5	2	2.5	3.5
dф (±0.02)	0.4	0.45	0.45	0.45	0.5

Dimensions: Millimetres

Case Size Table: MR series

φD×L

W.V (S.V) μF	6.3 (8)	10 (13)	16 (20)	25 (32)	35 (44)	50 (63)	63 (79)
0.1	-	-	-	-	-	-	-
0.22	-	-	-	-	-	-	-
0.33	-	-	-	-	-	-	-
0.47	-	-	-	-	-	-	-
1.0	-	-	-	-	-	-	4 × 7
2.2	-	-	-	-	-	-	4 × 7
3.3	-	-	-	-	-	-	-
4.7	-	-	-	-	-	-	-
10	-	-	-	4 × 7	4 × 7	-	-
22	-	-	4 × 7	-	-	-	-
33	-	-	-	-	-	-	-
47	4 × 7	4 × 7	5 × 7	6.3 × 7	6.3 × 7	-	5 × 7
100	6.3 × 7	5 × 7	6.3 × 7	-	-	-	-
220	8 × 7	6.3 × 7	-	-	-	-	-
330	-	-	-	-	-	-	-
470	-	-	-	-	-	-	-

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Dimensions: Millimetres



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Part Number Table

Working Voltage (V)	Capacitance (µF)	Ripple Current (A)	Lead Diameter	Lead Pitch	Part Number
	47	50	0.45	2	MCMR6V3476M5X7
6.3	100	77	0.45	2.5	MCMR6V3107M6.3X7
	220	130	0.5	3.5	MCMR6V3227M8X7
	33	43		1.5	MCMR10V476M4X7
10	100	87] [2	MCMR10V107M5X7
	220	145] [2.5	MCMR10V227M6.3X7
	22	180	0.45	1.5	MCMR16V226M4X7
16	47	65		2	MCMR16V476M5X7
	100	98	0.45	2.5	MCMR16V107M6.3X7
25	10	28] [1.5	MCMR25V106M4X7
25	47	71] [2.5	MCMR25V476M6.3X7
35	10	31] [1.5	MCMR35V106M4X7
ან	47	73] [2.5	MCMR35V476M6.3X7
63	1	13	1.45	1.5	MCMR63V105M4X7
03	4.7	32.4	0.45	2	MCMR63V475M5X7

Dimensions: Millimetres

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