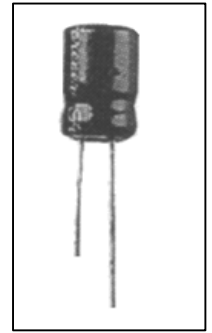


# Capacitors

## Micro-miniature Electrolytic Capacitors

A range of micro-miniature radial electrolytic capacitors offering high capacitance per unit volume for use where high density packaging and low profile capacitors are required.



### Specification:

<b>Operation temperature range:</b>	-40 to +85°C							
<b>Rated working voltage:</b>	6.3 - 63 VDC							
<b>Capacitance tolerance (120Hz 25°C):</b>	±20% (M)							
<b>Leakage current (25°C):</b>	1 ≤ 0.01CV + 3 (μA) max. Whichever is greater after 5 minutes						I: Leakage (μA) C: Rated capacitance (μF) V: Working voltage (V)	
<b>Surge voltage (25°C):</b>	<b>WV</b>	6.3	10	16	25	35	50	63
	<b>SV</b>	8	13	20	32	44	63	79
<b>Dissipation factor (120Hz 25°C) (tan δ):</b>	<b>WV</b>	6.3	10	16	25	35	50	63
	<b>Tan δ</b>	0.24	0.20	0.17	0.15	0.12	0.10	0.10
<b>Load life:</b>	After 1000 hours application of W V at +85°C the capacitor shall meet the following limits							
	<b>Capacitance change:</b>	≤ ±20% of initial value						
	<b>Dissipation factor:</b>	≤ 200% of initial specified value						
	<b>Leakage current:</b>	≤ initial specified value						

### Dimensions (mm):

Capacitance	Voltage	L	D	d	R.C.
22μF	10V	7	4	0.45	36
47μF	10V	7	5	0.45	60
100μF	10V	7	6.3	0.45	100
220μF	10V	7	6.3	0.45	135
10μF	16V	7	4	0.45	26
22μF	16V	7	4	0.45	39
47μF	16V	7	5	0.45	75
100μF	16V	7	6.3	0.45	110
10μF	35V	7	5	0.45	36
22μF	35V	7	6.3	0.45	60
0.47μF	50V	7	4	0.45	7
1μF	50V	7	4	0.45	7
2.2μF	50V	7	4	0.45	11
4.7μF	50V	7	4	0.45	27

