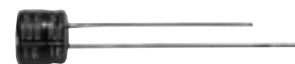


Miniature Aluminum Electrolytic Capacitors

UW
Series

5mm in length, Standard products (solvent proof)

UW series is super miniaturized aluminum electrolytic capacitors. Diameter is only $\phi 3$ - $\phi 6.3$ mm, while height has been kept down to 5mm. And it is solvent proof (within 2 minutes).

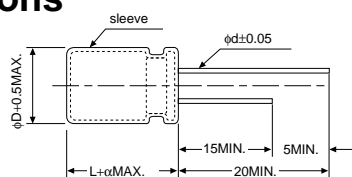


Specifications

Items		Specifications						
Rated voltage (V)		4	6.3	10	16	25	35	50
Operating temperature (°C)		-40 to +85						
Capacitance tolerance (%)		±20 (120Hz)						
Tangent of loss angle (tan δ) (MAX.) (120Hz)		0.35	0.24	0.20	0.16	0.14	0.12	0.10
Leakage current (L.C.) (μ A/after 2min.) (MAX.)		The greater value of either 0.01CV or 3						
Impedance (120Hz) ratio at low temperature (MAX.)	Z _{-25°C} /Z _{20°C}	7	4	3	2	2	2	2
	Z _{-40°C} /Z _{20°C}	15	10	8	6	4	4	4
High-temperature load 85°C 1000hrs. rated voltage applied	Δ C/C	Within ±25% of the initial value						
	tan δ	≤ Twice the initial standard						
	L.C.	≤ The initial standard						
Other characteristics		Conform to IEC 384-4						

Ripple current is shown on page 49.

Dimensions



α : UW, UWA $\alpha=1.0$ UWX $\alpha=1.3$

(unit : mm)

ϕ D	3.0	4	5	6.3
F	1.0	1.5	2.0	2.5
ϕ d	0.40	0.45	0.45	0.45

Size List

(ϕ D \times Lmm)

μ F \ V	4	6.3	10	16	25	35	50
0.10							3 \times 5 *1
0.22							3 \times 5 *1
0.33							3 \times 5 *1
0.47							3 \times 5 *1
1.0							3 \times 5 *1
2.2						3 \times 5	3 \times 5 *1
3.3					3 \times 5	3 \times 5 *1	4 \times 5
4.7				3 \times 5	3 \times 5 *1	4 \times 5	5 \times 5
10		3 \times 5	3 \times 5 *1	4 \times 5 *3	5 \times 5	5 \times 5	6.3 \times 5
22		4 \times 5	5 \times 5	5 \times 5	6.3 \times 5	6.3 \times 5	6.3 \times 5 *2
33	4 \times 5	5 \times 5	5 \times 5	6.3 \times 5	6.3 \times 5	6.3 \times 5 *2	
47	4 \times 5	5 \times 5	6.3 \times 5	6.3 \times 5	6.3 \times 5 *2	6.3 \times 5 *2	
100	5 \times 5	6.3 \times 5	6.3 \times 5	6.3 \times 5			
220	6.3 \times 5	6.3 \times 5 *2	6.3 \times 5 *2				
330	6.3 \times 5 *2	6.3 \times 5 *2					

*1 UWA Type

*2 UWX Type

*3 Case size ($\phi 3 \times 5$) are also available.

Model No. 16MV10UW

└─ 10 μ F, nominal capacitance
└─ 16V, rated voltage

(UWA Type) 10MV10UWA

└─ 10 μ F, nominal capacitance
└─ 10V, rated voltage

(UWX Type) 10MV220UWX

└─ 220 μ F, nominal capacitance
└─ 10V, rated voltage