

Miniature Aluminum Electrolytic Capacitors

UZ
Series

5mm in length, temperature of wide range
(solvent proof)

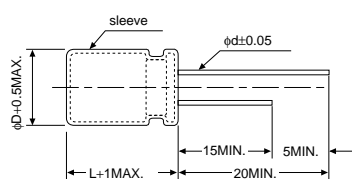
UZ series measures 5mm in length and have stable characteristics at the temperature of wide range (-55 to +105°C)
They are miniature, long life and solvent proof (within 2minutes).



Specifications

Items	Specifications					
Rated voltage (V)	6.3	10	16	25	35	50
Operating temperature range (°C)	-55 to +105					
Capacitance tolerance (%)	±20 (120Hz)					
Tangent of loss angle(tan δ)(MAX.)(120Hz)	0.24	0.20	0.16	0.14	0.12	0.10
Leakage current (L.C.)(μA/after 2min.)(MAX.)	The greater value of either 0.01CV or 3					
Impedance (120Hz) ratio at low temperature (MAX.)	Z _{-40°C} /Z _{20°C}	3	2	2	2	2
	Z _{-55°C} /Z _{20°C}	5	4	4	3	3
High-temperature load 105°C 1000hrs. rated voltage applied	ΔC/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					

Dimensions



(unit : mm)

	4	5	6.3
φD	4	5	6.3
F	1.5	2.0	2.5
φd	0.45	0.45	0.45

Size List

μF \ V	6.3		10		16		25		35		50				
0.10											4×5	30			
0.22											4×5	16			
0.33											4×5	13			
0.47											4×5	12			
1.0											4×5	11			
2.2											4×5	9.8			
3.3											4×5	8.0			
4.7											4×5	8.0			
10					4×5	5.6	45	5×5	2.6	65	4×5	7.5	35		
22	4×5	5.6	45	5×5	2.6	65	5×5	2.6	65	6.3×5	1.6	100	6.3×5	2.0	70
33	5×5	2.6	65	5×5	2.6	65	6.3×5	1.6	100	6.3×5	1.6	100	6.3×5	2.0	70
47	5×5	2.6	65	6.3×5	1.6	100	6.3×5	1.6	100	6.3×5	1.6	100	6.3×5	2.0	70
100	6.3×5	1.6	100	6.3×5	1.6	100	6.3×5	1.6	100						
220	6.3×5	1.6	100												

Case size | Ripple current
Impedance

Case size ; φD×L (mm)

Impedance ; (Ω) MAX. at 100kHz, 20°C

Maximum permissible ripple current ; (mA r.m.s) at 100kHz, 105°C

Model No. 16MV10UZ

10μF, nominal capacitance
16V, rated voltage