

Aluminum Electrolytic Type / Radial Lead Type

RoHS compliance

ME-UZ·SZ Series

5mm Height, Temperature of Wide Range

7mm Height, Temperature of Wide Range



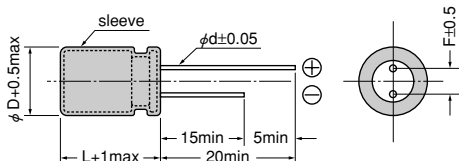
- ME-UZ : 105°C, 1,000hrs., Solvent proof (within 2 minutes)
- ME-SZ : 105°C, 1,000hrs., Solvent proof (within 3 minutes)

Aluminum Electrolytic Capacitors

Specifications

Items	Condition	Specifications					
Rated voltage (V)	—	6.3	10	16	25	35	50
Surge voltage (V)	Room temperature	8.0	13	20	32	44	63
Category temperature range (°C)	—	-55 to +105					
Capacitance tolerance (%)	120Hz/20°C	M : ±20					
Dissipation Factor (tanδ)	120Hz/20°C	0.24	0.20	0.16	0.14	0.12	0.10
Leakage current (LC)	μA/after 2minutes (max)	The greater value of either 0.01CV or 3					
Impedance ratio at low temperature	Based the value at 120Hz, +20°C	-40°C Z/Z _{20°C}	3	2	2	2	2
		-55°C Z/Z _{20°C}	5	4	4	3	3
Endurance	105°C, 1,000hrs. rated voltage applied (With the rated ripple current)	ΔC/C	Within ±25% of the initial value				
		tan δ	≤ 2 times the initial specified value				
		LC	≤ The initial specified value				

Dimensions



(Unit : mm)

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

Size List, Impedance, Rated Ripple Current

●UZ series

μF \ V	6.3	10	16	25	35	50
10						6.3×5 2.0 70
22				6.3×5 1.6 100	6.3×5 2.0 70	6.3×5 2.0 70
33			6.3×5 1.6 100	6.3×5 1.6 100	6.3×5 2.0 70	
47		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					

●SZ series

μF \ V	6.3	10	16	25	35	50
1.0						4×7 10 30
2.2						4×7 7.8 35
3.3						4×7 6.2 40
4.7				4×7 4.2 50	4×7 6.0 40	5×7 3.1 70
10			4×7 4.2 50	5×7 2.0 85	5×7 3.1 70	6.3×7 1.6 100
22	4×7 4.2 50	5×7 2.0 85	5×7 2.0 85	6.3×7 1.2 120	6.3×7 1.6 100	6.3×7 1.6 100
33	5×7 2.0 85	5×7 2.0 85	6.3×7 1.2 120	6.3×7 1.2 120	6.3×7 1.6 100	6.3×7 1.6 100
47	5×7 2.0 85	6.3×7 1.2 120	6.3×7 1.2 120	6.3×7 1.2 120	6.3×7 1.6 100	6.3×7 1.6 100
100	6.3×7 1.2 120	6.3×7 1.2 120	6.3×7 1.2 120	6.3×7 1.2 120	6.3×7 1.6 100	
220	6.3×7 1.2 120	6.3×7 1.2 120	6.3×7 1.2 120			
330	6.3×7 1.2 120					

Please refer to page 15 for the ripple current frequency coefficient.

Rated ripple current
mA Arms (100kHz, 105°C)

Case size: φD×L (mm)

Impedance (Ω)
max at 100kHz, 20°C

Model No.

