

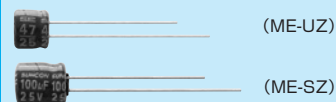
# Aluminum Electrolytic Type / Radial Lead Type

RoHS compliance

# ME-UZ·SZ Series

5mm Height, Wide Temperature

7mm Height, Wide Temperature



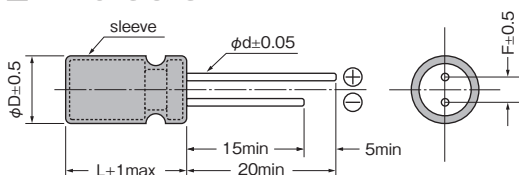
- ME-UZ : 105°C 1,000hours, Solvent proof (within 2 minutes)
- ME-SZ : 105°C 1,000hours, Solvent proof (within 3 minutes)



## 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 (tan δ)	tanδ (max) 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 on the value at 120Hz, +20°C	-40°C Z/Z <sub>20°C</sub>	3	2	2	2	2	2
		-55°C Z/Z <sub>20°C</sub>	5	4	4	3	3	3
Endurance	105°C, 1,000hours rated voltage applied (With the rated ripple current)	ΔC/C	Within ±25% of the initial value					
		tanδ	Less than 200% of the specified value					
		LC	Less than the 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, Impedance, Rated Ripple Current

### ●ME-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					

### ●ME-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					

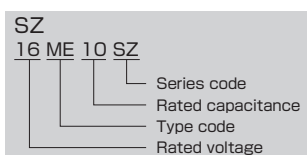
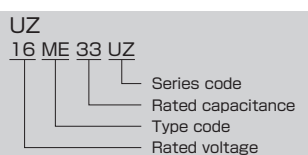
Please refer to page 14 for ripple current frequency coefficients.

Case size: φDxL(mm)

Impedance(Ω)  
max at 100kHz, 20°C

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

## Part number



Radial Lead Type  
Aluminum Electrolytic Capacitors

ME-SWB

ME-UZ·SZ

ME-UAX·SAX

ME-SWG

ME-HC

ME-LS

ME-CZ

ME-CA

ME-CX

ME-AX

ME-WX

ME-WA

ME-WL

ME-WG

ME-FX

ME-PX

ME-HPC·HPD

ME-FC·FD

ME-FH

ME-SWN

ME-HWN