

# ME-SZ Series

7mm Height, Wide Temperature

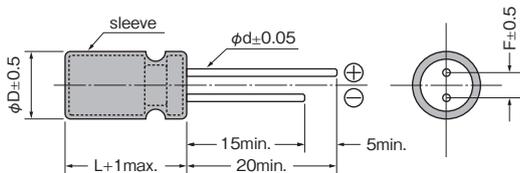


- 105°C 1,000hours, Solvent proof (within 3 minutes)

## 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.), 20°C	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	Not more than 200% of the specified value					
		LC	Not more than the specified value					
Shelf Life	105°C, 1,000hours(with no voltage load)	Shall meet the endurance spec above after voltage treatment at 20deg.C per JIS C 5101-4 4.1.						

## Dimensions



(Unit : mm)

φD	6.3
F	2.5
φd	0.45

## Size, Impedance, Rated Ripple Current

μF \ V	6.3	10	16	25	35	50
10						6.3×7 1.6 100
22				6.3×7 1.2 120	→	6.3×7 1.6 100
33			→	6.3×7 1.2 120	→	6.3×7 1.6 100
47		→	→	6.3×7 1.2 120	→	6.3×7 1.6 100
100	→	→	→	6.3×7 1.2 120	6.3×7 1.6 100	
220	→	→	6.3×7 1.2 120			
330	6.3×7 1.2 120					

→Please use the higher voltage model in the next.  
Please refer to page 16 for ripple current frequency coefficients.

Case size: φD×L (mm)

 Impedance(Ω)  
max. at 100kHz, 20°C

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

## Part number

