

ME-SZ Series

7mm Height, Wide Temperature

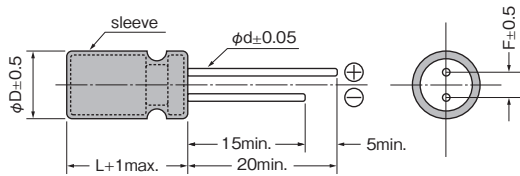


- 105°C 1,000hours, Solvent proof (within 3 minutes)

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 _{20°C}	3	2	2	2	2	2
		-55°C Z/Z _{20°C}	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

μF \ V	6.3			10			16			25			35			50		
1.0																4x7	10	30
2.2																4x7	7.8	35
3.3																4x7	6.2	40
4.7										4x7	4.2	50	4x7	6.0	40	5x7	3.1	70
10							4x7	4.2	50	5x7	2.0	85	5x7	3.1	70	6.3x7	1.6	100
22	4x7	4.2	50	5x7	2.0	85	5x7	2.0	85	6.3x7	1.2	120	6.3x7	1.6	100	6.3x7	1.6	100
33	5x7	2.0	85	5x7	2.0	85	6.3x7	1.2	120	6.3x7	1.2	120	6.3x7	1.6	100	6.3x7	1.6	100
47	5x7	2.0	85	6.3x7	1.2	120	6.3x7	1.2	120	6.3x7	1.2	120	6.3x7	1.6	100	6.3x7	1.6	100
100	6.3x7	1.2	120	6.3x7	1.2	120	6.3x7	1.2	120	6.3x7	1.2	120	6.3x7	1.6	100			
220	6.3x7	1.2	120	6.3x7	1.2	120	6.3x7	1.2	120									
330	6.3x7	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

