

ME-UZ·SZ Series

5mm Height, Wide Temperature Range

7mm Height, Wide Temperature Range

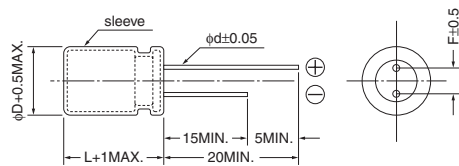


- ME-UZ ; 105°C, 1000hrs. Solvent proof (within 2 minutes)
- ME-SZ ; 105°C, 1000hrs. Solvent proof (within 3 minutes)

Specifications

Items	Specifications					
Rated voltage (V)	6.3	10	16	25	35	50
Category temperature range (°C)	-55 to +105					
Capacitance tolerance (%)	±20 (120Hz/20°C)					
Tangent of loss angle (tanδ) (MAX.) (120Hz/20°C)	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
Endurance 105°C, 1000hrs. rated voltage applied (With the rated ripple current)	ΔC/C	Within ±25% of the initial value				
	tanδ	≤ Twice the initial specified value				
	L.C.	≤ 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

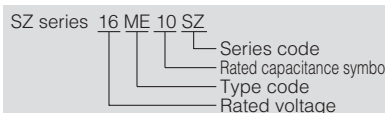
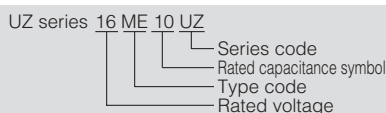
UZ series

μF	V																	
	6.3		10		16		25		35		50							
0.10											4 x 5	30	10					
0.22											4 x 5	16	10					
0.33											4 x 5	13	15					
0.47											4 x 5	12	20					
1.0											4 x 5	11	25					
2.2											4 x 5	9.8	30					
3.3											4 x 5	8.0	35					
4.7											5 x 5	3.8	50					
10						4 x 5	5.6	45	5 x 5	2.6	65	5 x 5	3.8	50	6.3 x 5	2.0	70	
22	4 x 5	5.6	45	5 x 5	2.6	65	5 x 5	2.6	65	6.3 x 5	1.6	100	6.3 x 5	2.0	70	6.3 x 5	2.0	70
33	5 x 5	2.6	65	5 x 5	2.6	65	6.3 x 5	1.6	100	6.3 x 5	1.6	100	6.3 x 5	2.0	70			
47	5 x 5	2.6	65	6.3 x 5	1.6	100	6.3 x 5	1.6	100	6.3 x 5	1.6	100	6.3 x 5	2.0	70			
100	6.3 x 5	1.6	100	6.3 x 5	1.6	100	6.3 x 5	1.6	100									
220	6.3 x 5	1.6	100															

SZ series

μF	V																	
	6.3		10		16		25		35		50							
0.10											4 x 7	30	10					
0.22											4 x 7	16	10					
0.33											4 x 7	13	15					
0.47											4 x 7	12	20					
1.0											4 x 7	10	30					
2.2											4 x 7	7.8	35					
3.3											4 x 7	6.2	40					
4.7											5 x 7	3.1	70					
10						4 x 7	4.2	50	5 x 7	2.0	85	5 x 7	3.1	70	6.3 x 7	1.6	100	
22	4 x 7	4.2	50	5 x 7	2.0	85	5 x 7	2.0	85	6.3 x 7	1.2	120	6.3 x 7	1.6	100	6.3 x 7	1.6	100
33	5 x 7	2.0	85	5 x 7	2.0	85	6.3 x 7	1.2	120	6.3 x 7	1.2	120	6.3 x 7	1.6	100	6.3 x 7	1.6	100
47	5 x 7	2.0	85	6.3 x 7	1.2	120	6.3 x 7	1.2	120	6.3 x 7	1.2	120	6.3 x 7	1.6	100	6.3 x 7	1.6	100
100	6.3 x 7	1.2	120	6.3 x 7	1.2	120	6.3 x 7	1.2	120	6.3 x 7	1.2	120	6.3 x 7	1.6	100			
220	6.3 x 7	1.2	120	6.3 x 7	1.2	120	6.3 x 7	1.2	120									
330	6.3 x 7	1.2	120															

Model No.



Case size ; φD x L (mm)

Rated ripple current mAr.m.s. (100kHz, 105°C)

Impedance (Ω) MAX. at 100kHz, 20°C