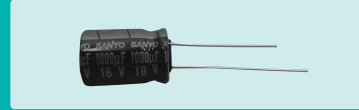


## ME-WA Series

105°C, Miniature, Long Life

Low Impedance, High Ripple Current

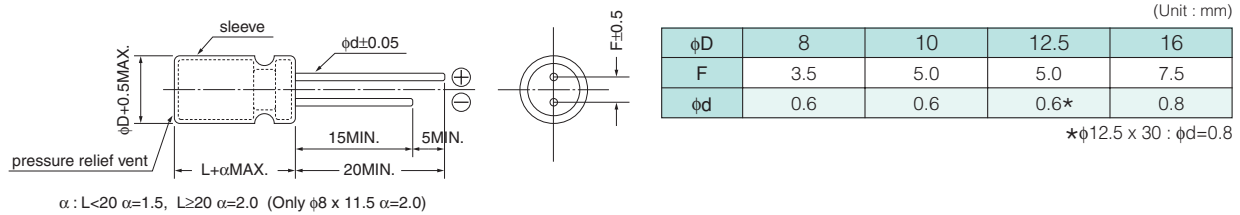


- 105°C, 8000 to 10000hrs.
- Do not clean the capacitors using solvent.

### Specifications

Items		Specifications				
Rated voltage (V)		6.3	10	16	25	35
Category temperature range (°C)		-40 to +105				
Capacitance tolerance (%)		±20 (120Hz/20°C)				
Tangent of loss angle (tanδ) (MAX.) (120Hz/20°C)		0.22	0.19	0.16	0.14	0.12
		When rated capacitance exceeds 1000μF, add 0.02 to the value above for each 1000μF increase.				
Leakage current (L.C.) (μA/after 2min.) (MAX.)		0.03CV				
Impedance (120Hz) ratio at low temperature (MAX.)	Z <sub>-25°C</sub> /Z <sub>20°C</sub>	2	2	2	2	2
	Z <sub>-40°C</sub> /Z <sub>20°C</sub>	3	3	3	3	3
Endurance 105°C rated voltage applied (With the rated ripple current)	Test	φ8 : 8000hrs., φ10 to φ16 : 10000hrs.				
	ΔC/C	Within ±25% of the initial value (6.3V, 10V : ±30%)				
	tanδ	≤ Twice the initial specified value				
	L.C.	≤ The initial specified value				

### Dimensions



### Size List, Impedance, Rated Ripple Current

Case Size φD x L (mm)	Items	6.3			10		
		Capacitance (μF)	Impedance (ΩMAX.) (20°C/100kHz)	Ripple current (mAr.m.s.) (105°C/100kHz)	Capacitance (μF)	Impedance (ΩMAX.) (20°C/100kHz)	Ripple current (mAr.m.s.) (105°C/100kHz)
8 x 11.5		820	0.059	945	680	0.059	945
8 x 15	*1	1200	0.046	1250	*1 1000	0.046	1250
8 x 20		1500	0.031	1500	*1 1500	0.031	1500
10 x 12.5		1200	0.043	1330	1000	0.043	1330
10 x 16		1800	0.030	1760	1500	0.030	1760
10 x 20		2200	0.021	1960	1800	0.021	1960
10 x 22		2700	0.020	2250	2200	0.020	2250
12.5 x 20		3900	0.019	2480	3300	0.019	2480
12.5 x 25		4700	0.016	2900	3900	0.016	2900
12.5 x 30		5600	0.014	3450	*1 4700	0.014	3450
16 x 21		6800	0.018	3250	4700	0.018	3250
16 x 25		8200	0.014	3630	6800	0.014	3630

\*1 : Series Symbol is WAL

## Size List, Impedance, Rated Ripple Current

Case Size φD x L (mm)	Items	16			25		
		Capacitance	Impedance (ΩMAX.)	Ripple current (mAr.m.s.)	Capacitance	Impedance (ΩMAX.)	Ripple current (mAr.m.s.)
		(μF)	(20°C/100kHz)	(105°C/100kHz)	(μF)	(20°C/100kHz)	(105°C/100kHz)
8 x 11.5		470	0.059	945	330	0.059	945
8 x 15	*1	680	0.046	1250	390	0.046	1250
8 x 20	*1	1000	0.031	1500	560	0.031	1500
10 x 12.5		680	0.043	1330	470	0.043	1330
10 x 16		1000	0.030	1760	680	0.030	1760
10 x 20		1500	0.021	1960	820	0.021	1960
10 x 22		1800	0.020	2250	1000	0.020	2250
12.5 x 20		2200	0.019	2480	1500	0.019	2480
12.5 x 25		2700	0.016	2900	1800	0.016	2900
12.5 x 30	*1	3300	0.014	3450	*1 2200	0.014	3450
16 x 21		3300	0.018	3250	2200	0.018	3250
16 x 25		4700	0.014	3630	3300	0.014	3630

Case Size φD x L (mm)	Items	35		
		Capacitance	Impedance (ΩMAX.)	Ripple current (mAr.m.s.)
		(μF)	(20°C/100kHz)	(105°C/100kHz)
8 x 11.5		220	0.059	945
8 x 15		270	0.046	1250
8 x 20		390	0.031	1500
10 x 12.5		330	0.043	1330
10 x 16		470	0.030	1760
10 x 20		560	0.021	1960
10 x 22		680	0.020	2250
12.5 x 20		1000	0.019	2480
12.5 x 25		1200	0.016	2900
12.5 x 30	*1	1500	0.014	3450
16 x 21		1500	0.018	3250
16 x 25		2200	0.014	3630

\*1 ; Series Symbol is WAL

Model No.

