

# ME-WA Series

105°C, Small, Long Life

Low Impedance, High Ripple Current



- 105°C, 8,000 to 10,000hours
- Non solvent proof

ME-WA ← Long Life → ME-WX (P.84)

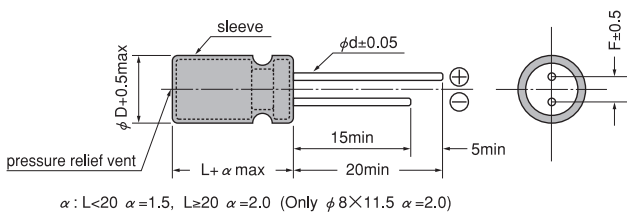
63V

**UP GRADE**

## Specifications

Items	Condition	Specifications								
Rated voltage (V)	—	6.3	10	16	25	35	50	63		
Surge voltage (V)	Room temperature	8.0	13	20	32	44	63	79		
Category temperature range (°C)	—	-40 to +105								
Capacitance tolerance (%)	120Hz/20°C	M : ±20								
Dissipation Factor (tanδ)	tanδ (max) 120Hz/20°C	0.22	0.19	0.16	0.14	0.12	0.10	0.10		
		Exceeding 1,000μF, +0.02 every 1,000μF								
Leakage current (LC)	μA/after 2minutes (max)	0.03CV								
Impedance ratio at low temperature	Based the value at 120Hz, +20°C	-25°C / Z/Z <sub>20°C</sub>	2	2	2	2	2	2	2	
		-40°C / Z/Z <sub>20°C</sub>	3	3	3	3	3	3	3	
Endurance	105°C rated voltage applied (With the rated ripple current)	Test	φ8 : 8,000hours, φ10 to φ16 : 10,000hours							
		ΔC/C	Within ±25% of the initial value (6.3V, 10V : ±30%)							
		tan δ	Less than 200% of the specified value							
		LC	Less than the specified value							

## Dimensions



(Unit : mm)

φD	8	10	12.5	16
F	3.5	5.0	5.0	7.5
φd	0.6	0.6	0.6★	0.8

★φ12.5×30:φd=0.8

## Size, Impedance, Rated Ripple Current

V Items Case size φD×L(mm)	6.3			10		
	Capacitance (μF)	Impedance(Qmax) (20°C/100kHz)	Rated ripple current(mArms) (105°C/100kHz)	Capacitance (μF)	Impedance(Qmax) (20°C/100kHz)	Rated ripple current(mArms) (105°C/100kHz)
8×11.5	820	0.059	945	680	0.059	945
8×15	★1 1200	0.046	1250	★1 1000	0.046	1250
8×20	1500	0.031	1500	★1 1500	0.031	1500
10×12.5	1200	0.043	1330	1000	0.043	1330
10×16	1800	0.030	1760	1500	0.030	1760
10×20	2200	0.021	1960	1800	0.021	1960
10×22	2700	0.020	2250	2200	0.020	2250
12.5×20	3900	0.019	2480	3300	0.019	2480
12.5×25	4700	0.016	2900	3900	0.016	2900
12.5×30	5600	0.014	3450	★1 4700	0.014	3450
16×21	6800	0.018	3250	4700	0.018	3250
16×25	8200	0.014	3630	6800	0.014	3630

★1 WAL

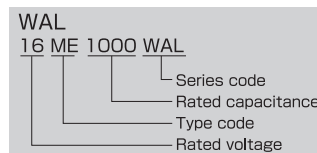
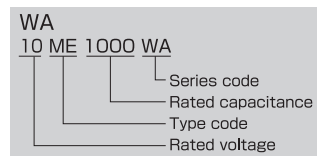
■ Size, Impedance, Rated Ripple Current

V Items Case size φDxL(mm)	16			25		
	Capacitance (μF)	Impedance(Qmax) (20°C/100kHz)	Rated ripple current(mArms) (105°C/100kHz)	Capacitance (μF)	Impedance(Qmax) (20°C/100kHz)	Rated ripple current(mArms) (105°C/100kHz)
8x11.5	470	0.059	945	330	0.059	945
8x15	★1 680	0.046	1250	390	0.046	1250
8x20	★1 1000	0.031	1500	560	0.031	1500
10x12.5	680	0.043	1330	470	0.043	1330
10x16	1000	0.030	1760	680	0.030	1760
10x20	1500	0.021	1960	820	0.021	1960
10x22	1800	0.020	2250	1000	0.020	2250
12.5x20	2200	0.019	2480	1500	0.019	2480
12.5x25	2700	0.016	2900	1800	0.016	2900
12.5x30	★1 3300	0.014	3450	★1 2200	0.014	3450
16x21	3300	0.018	3250	2200	0.018	3250
16x25	4700	0.014	3630	3300	0.014	3630

V Items Case size φDxL(mm)	35			50		
	Capacitance (μF)	Impedance(Qmax) (20°C/100kHz)	Rated ripple current(mArms) (105°C/100kHz)	Capacitance (μF)	Impedance(Qmax) (20°C/100kHz)	Rated ripple current(mArms) (105°C/100kHz)
8x11.5	220	0.059	945	100	0.074	724
8x15	270	0.046	1250	120	0.061	950
8x20	390	0.031	1500	180	0.046	1190
10x12.5	330	0.043	1330	150	0.061	979
10x16	470	0.030	1760	220	0.042	1370
10x20	560	0.021	1960	270	0.030	1580
10x22	680	0.020	2250	330	0.028	1870
12.5x20	1000	0.019	2480	470	0.027	2050
12.5x25	1200	0.016	2900	560	0.023	2410
12.5x30	★1 1500	0.014	3450	680	0.021	2860
16x21	1500	0.018	3250	820	0.023	2730
16x25	2200	0.014	3630	1000	0.021	3010

V Items Case size φDxL(mm)	63		
	Capacitance (μF)	Impedance(Qmax) (20°C/100kHz)	Rated ripple current(mArms) (105°C/100kHz)
8x11.5	82	0.22	525
8x15	100	0.16	688
8x20	150	0.12	861
10x12.5	120	0.15	725
10x16	180	0.11	998
10x20	270	0.078	1200
12.5x20	390	0.06	1570
12.5x25	470	0.043	1990
12.5x30	※1 560	0.035	2410
16x21	560	0.043	2100
16x25	820	0.032	2730

■ Part number



Aluminum Electrolytic  
Capacitors

Radial  
Lead Type

- CE-BE
- CE-BD
- CE-BS
- CE-BSS
- CE-FE
- CE-LD
- CE-FSS
- CE-FS
- CE-FH
- CE-LH
- CE-AX
- CE-KX
- CE-GA
- CE-LS
- CE-ZX
- CE-ZC
- CE-LX
- CE-LL
- CE-LH(High Voltage)
- CE-PC
- CE-PH
- CE-PS
- CE-PF
- CE-TH
- CE-JX
- CE-NP
- CE-FN
- 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-FH
- ME-PX
- ME-HPC·HPD
- ME-FC·FD
- ME-SWN
- ME-HWN

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Aluminium Electrolytic Capacitors - Radial Leaded](#) category:*

*Click to view products by [SUN](#) manufacturer:*

Other Similar products are found below :

[LXY50VB4.7M-5X11](#) [RFO-100V471MJ7P#](#) [ECE-A1EGE220](#) [B41041A2687M8](#) [B41041A7226M8](#) [B41044A7157M6](#)  
[EKXG201EC3101ML20S](#) [EKZM160ETD471MHB5D](#) [NCD681K10KVY5PF](#) [NEV1000M25EF-BULK](#) [NEV100M35DC](#) [NEV100M63DE](#)  
[NEV220M25DD-BULK](#) [NEV.33M100AA](#) [NEV4700M50HB](#) [NEV.47M100AA](#) [NEVH1.0M250AB](#) [NEVH3.3M250BB](#) [NEVH3.3M450CC](#)  
[KM4700/16](#) [KME50VB100M-8X11.5](#) [SG220M1CSA-0407](#) [ES5107M016AE1DA](#) [ESMG160ETD102MJ16S](#) [ESX472M16B](#)  
[SZ010M1500A5S-1015](#) [227RZS050M](#) [476CKH100MSA](#) [477RZS050M](#) [UVX1V101KPA1FA](#) [UVX1V222MHA1CA](#) [KME25VB100M-](#)  
[6.3X11](#) [VTL100S10](#) [VTL470S10](#) [VTL470S16A](#) [511D336M250EK5D](#) [052687X](#) [ECE-A1CF471](#) [EKMA500ELL4R7ME07D](#) [NRE-](#)  
[S560M16V6.3X7TBSTF](#) [RGA221M1CTA-0611G](#) [ERZA630VHN182UP54N](#) [UPL1A331MPH](#) [SK035M0100AZS-0611](#) [MAL214658821E3](#)  
[NEV1000M6.3DE](#) [NEV100M16CB](#) [NEV100M50DD-BULK](#) [NEV2200M16FF](#) [NEV220M50EE](#)