

ME-WG Series

Super Low ESR, Small



- 105°C 2,000 to 4,000hours
- Non solvent proof

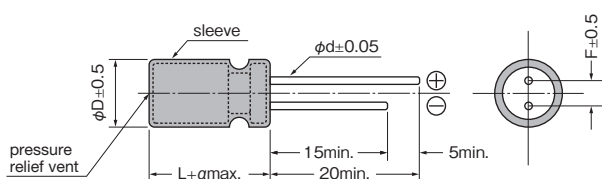
ME-WG

 ↑ Low ESR
 ME-WX(P.88)

Specifications

Items	Condition	Specifications				
Rated voltage (V)	—	6.3	10	16	25	
Surge voltage (V)	Room temperature	8.0	13	20	32	
Category temperature range (°C)	—	-40 to +105				
Capacitance tolerance (%)	120Hz/20°C	M : ±20				
Dissipation Factor (tan δ)	tanδ(max.) 120Hz/20°C	0.22	0.19	0.16	0.14	
		Exceeding 1,000μF, +0.02 every 1,000μF				
Leakage current(LC)	μA/after 2minutes (max.)	0.03CV				
Impedance ratio at low temperature	Based on the value at 120Hz, +20°C	-25°C Z/Z _{20°C}	2	2	2	2
		-40°C Z/Z _{20°C}	3	3	3	3
Endurance	105°C rated voltage applied (With the rated ripple current)	Test	φ8×11.5, φ8×16, φ10×12.5, φ10×16 : 2,000hours, φ8×20 : 3,000hours, φ10×20, φ10×23 : 4,000hours			
		ΔC/C	Within ±25% of the initial value			
		tanδ	Less than 200% of the specified value			
		LC	Less than the specified value			

Dimensions


 $a : L < 20 \quad a = 1.5, L \geq 20 \quad a = 2.0$ (Only φ8×11.5 $a = 2.0$)

(Unit : mm)

φD	8	10
F	3.5	5.0
φd	0.6	0.6

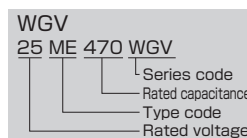
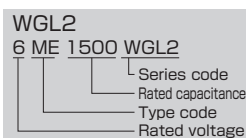
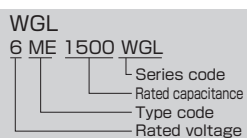
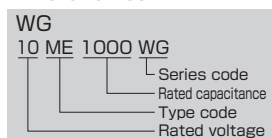
Size, ESR, Rated Ripple Current

Items V μF	6.3			10			16			25		
	Case size φD×L (mm)	ESR (mΩmax.) 20°C/100kHz	Ripple current (mA rms) 105°C/100kHz	Case size φD×L (mm)	ESR (mΩmax.) 20°C/100kHz	Ripple current (mA rms) 105°C/100kHz	Case size φD×L (mm)	ESR (mΩmax.) 20°C/100kHz	Ripple current (mA rms) 105°C/100kHz	Case size φD×L (mm)	ESR (mΩmax.) 20°C/100kHz	Ripple current (mA rms) 105°C/100kHz
220										8×11.5	30	1110
330							8×11.5	30	1140	8×11.5	32	1080
										10×12.5★3	25	1440
470				8×11.5	30	1140	8×11.5	36	1140	8×20★1	18	1820
										10×12.5	27	1390
										10×16★3	20	1920
680				8×11.5	36	1140	8×16★1	28	1490	10×16	22	1830
820	8×11.5	36	1140				10×12.5	26	1540	10×20★3	16	2180
1000	8×11.5	30	1140	8×16★1	28	1490	8×20★1	19	1870	10×23★1	16	2180
				10×12.5	26	1540	10×16	19	2000			
1200	8×16	28	1490	8×20★1	19	1870						
	8×20★1	19	1870	8×20★1	19	1870	10×20	13	2550			
1500	8×20★2	16	1950	10×16	19	2000						
	10×12.5	26	1540									
	10×16★3	18	2000									
1800	8×20★2	16	1950	10×20	13	2550	10×23	12	2800			
	10×16	19	2000									
2200	10×20	13	2550	10×23	12	2800						
3300	10×23	12	2800									

Please refer to page 14 for ripple current frequency coefficients.

★1 WGL ★2 WGL2 ★3 WGV

Part number



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-PX

ME-HPC-HPD

ME-FC-FD

ME-FH

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 [Sunon](#) 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](#) [NEV1000M6.3DE](#)
[NEV100M16CB](#) [NEV100M50DD-BULK](#) [NEV2200M16FF](#) [NEV220M50EE](#) [NEV2.2M50AA](#)