

Aluminum Electrolytic Type / Radial Lead Type

RoHS compliance

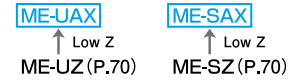
# ME-UAX·SAX Series

Low Impedance

5mm Height(UAX), 7mm Height(SAX)



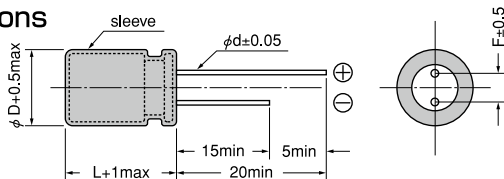
- ME-UAX : 105°C, 1,000hours, Solvent proof (within 2 minutes)
- ME-SAX : 105°C, 1,000hours, Solvent proof (within 3 minutes)



## Specifications

Items	Condition	Specifications					
Rated voltage (V)	—	6.3	10	16	25	35	
Surge voltage (V)	Room temperature	8.0	13	20	32	44	
Category temperature range (°C)	—	-55 to +105					
Capacitance tolerance (%)	120Hz/20°C	M : ±20					
Dissipation Factor (tan δ)	tan δ (max) 120Hz/20°C	0.24	0.20	0.16	0.14	0.12	
Leakage current (LC)	μA/after 2minutes (max)	The greater value of either 0.01CV or 3					
Impedance ratio at low temperature	Based the value at 120Hz, +20°C	-40°C Z/Z <sub>20°C</sub>	3	2	2	2	2
		-55°C Z/Z <sub>20°C</sub>	5	4	4	3	3
Endurance	105°C, 1,000hours rated voltage applied (With the rated ripple current)	ΔC/C	Within ±25% of the initial value				
		tan δ	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, Rated Ripple Current

### ●ME-UAX series

μF	V			6.3			10			16			25			35		
	33													6.3x5	0.44	230	6.3x5	0.44
47										6.3x5	0.44	230	6.3x5	0.44	230	6.3x5	0.44	230
56													6.3x5	0.44	230			
68				6.3x5	0.44	230	6.3x5	0.44	230									
100	6.3x5	0.44	230				6.3x5	0.44	230									
150	6.3x5	0.44	230															
220	6.3x5	0.44	230															

### ●ME-SAX series

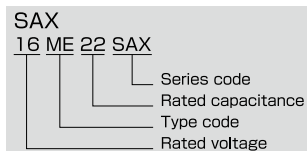
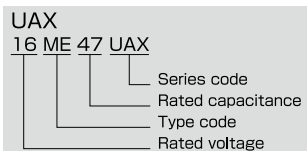
μF	V			6.3			10			16			25			35		
	4.7																4x7	1.15
10													4x7	1.15	90	5x7	0.49	160
15										4x7	1.15	90	5x7	0.49	160	6.3x7	0.29	280
22							4x7	1.15	90	5x7	0.49	160	5x7	0.49	160	6.3x7	0.29	280
33							5x7	0.49	160	5x7	0.49	160	6.3x7	0.24	280	6.3x7	0.29	280
47	5x7	0.49	160	5x7	0.49	160	6.3x7	0.24	280	6.3x7	0.24	280	6.3x7	0.24	280	6.3x7	0.29	280
68													6.3x7	0.24	280			
100							6.3x7	0.24	280	6.3x7	0.24	280	6.3x7	0.29	280			
150							6.3x7	0.24	280	6.3x7	0.29	280						
220	6.3x7	0.24	280	6.3x7	0.29	280	6.3x7	0.29	280	6.3x7	0.29	280						
330	6.3x7	0.29	280															

Please refer to page 15 for ripple current frequency coefficients.

Rated ripple current  
mA rms (100kHz, 105°C)

Case size: φDxL (mm)  
Impedance (Ω)  
max at 100kHz, 20°C

## Part number



- ME-SWB
- ME-UZ·SZ
- ME-UAX·SAX
- ME-SWG
- ME-HC
- ME-CZ
- ME-CA
- ME-CX
- ME-AX
- ME-WX
- ME-WA
- ME-WL
- ME-WG
- ME-LS
- ME-FX
- ME-PX
- ME-HPC·HPD
- ME-FC·FD
- ME-FH
- ME-SWN
- ME-HWN