

# Aluminum Electrolytic Type / Radial Lead Type

RoHS compliance

# ME-UAX·SAX Series

Low Impedance

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

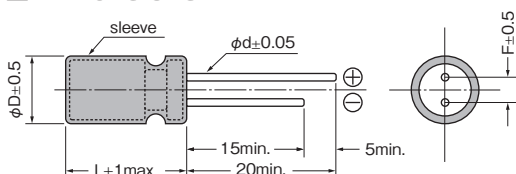


- ME-UAX : 105°C 1,000hours, Solvent proof (within 2 minutes)
- ME-SAX : 105°C 1,000hours, Solvent proof (within 3 minutes)

## 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)	tanδ(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 on 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				
		tanδ	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, Impedance, Rated Ripple Current

### ●ME-UAX series

μF	6.3			10			16			25			35		
	Case	Impedance	Rated ripple current	Case	Impedance	Rated ripple current	Case	Impedance	Rated ripple current	Case	Impedance	Rated ripple current	Case	Impedance	Rated ripple current
33										6.3x5	0.44	230	6.3x5	0.44	230
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	6.3			10			16			25			35		
	Case	Impedance	Rated ripple current	Case	Impedance	Rated ripple current	Case	Impedance	Rated ripple current	Case	Impedance	Rated ripple current	Case	Impedance	Rated ripple current
4.7													4x7	1.15	90
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	0.29	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						
330	6.3x7	0.29	280												

Please refer to page 14 for ripple current frequency coefficients.

Case size: φDxL(mm)

Impedance(Ω) max. at 100kHz, 20°C

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

## Part number

