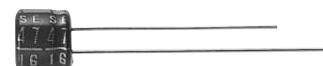


ME-UAX Series

5mm height, Low impedance



This series is 5mm in height with stable characteristics over wide temperature range (−55 to +105°C).

Low impedance at high frequency.

High capacitance with small package.

Suitable for DC-DC converter, DC-AC inverter for LCD and noise absorption.

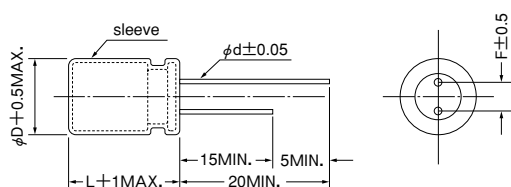
Solvent proof (within 2 minutes).

UAX ◀ Low impedance UZ

Specifications

Items	Specifications				
Rated voltage (V)	6.3	10	16	25	35
Category temperature range (°C)	−55 to +105				
Capacitance tolerance (%)	±20 (120Hz/20°C)				
Tangent of loss angle (tanδ) (MAX.) (120Hz/20°C)	0.24	0.20	0.16	0.14	0.12
Leakage current (L.C.) (μA/after 2min.) (MAX.)	The greater value of either 0.01CV or 3				
Impedance (120Hz) ratio at low temperature (MAX.)	Z−40°C/Z20°C	3	2	2	2
	Z−55°C/Z20°C	5	4	4	3
Endurance 105°C 1000 hrs. rated voltage applied	ΔC/C	Within ± 25% of the initial value			
	tan δ	≤ Twice the initial standard			
	L.C.	≤ The initial standard			

Dimensions



(Unit :mm)

φ D	4	5	6.3
F	1.5	2.0	2.5
φ d	0.45	0.45	0.45

Size List, Impedance, Maximum Permissible Ripple Current

μF \ V	6.3			10			16			25			35		
4.7													4×5	2.20	80
10										4×5	2.20	80	5×5	0.76	150
15							4×5	2.20	80	5×5	0.76	150	5×5	0.76	150
22				4×5	2.20	80	5×5	0.76	150	5×5	0.76	150	5×5	0.76	150
27	4×5	2.20	80												
33				5×5	0.76	150				6.3×5	0.44	230	6.3×5	0.44	230
47	5×5	0.76	150				6.3×5	0.44	230	6.3×5	0.44	230	6.3×5	0.44	230
56	5×5	0.76	150							6.3×5	0.44	230			
68				6.3×5	0.44	230	6.3×5	0.44	230						
100	6.3×5	0.44	230				6.3×5	0.44	230						
120							6.3×5	0.44	230						
130				6.3×5	0.44	230									
150	6.3×5	0.44	230												
220	6.3×5	0.44	230												

Case size ; φD×L (mm)

Impedance ; (Ω) MAX. at 100kHz, 20°C

Maximum permissible ripple current ; (mA r.m.s.) at 100kHz, 105°C

Case size ———— Ripple current
Impedance

Model No. 16 ME 22 UAX

Series code
Capacitance symbol
Type code
Rated voltage