

Code in front of series have been extracted from product code, which describes the segment of products, such as type and features.

Specifications

Item	Performance				
Category temperature range (°C)	-55 to +150				
Tolerance at rated capacitance (%)	±20 (20°C, 120Hz)				
Leakage current (μA) (max.)	0.01CV or 3 whichever is larger (after 2 minutes) C : Rated capacitance (μF) ; V : Rated voltage (V) (20°C)				
Tangent of loss angle (tan δ)	Rated voltage (V)	25	35	50	63
	tan δ (max.)	0.14	0.12	0.10	0.08
	(20°C, 120Hz)				
Characteristics at high and low temperature	Impedance ratio (max.)	Z-25°C / Z+20°C		1.5	
		Z-55°C / Z+20°C		2.0	
	(100kHz)				
Endurance (150°C) (Applied ripple current)	Test time	2000 hours			
	Leakage current	The initial specified value or less			
	Percentage of capacitance change	Within ±30% of initial value			
	Tangent of the loss angle	200% or less of the initial specified value			
	ESR change	200% or less of the initial specified value			
Shelf life (150°C)	Test time : 1000hours ; other items are same as the endurance. Voltage application treatment : According to JIS C5101-4 4.1.				