

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 +135					
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 (tanδ)	Rated voltage (V)	16	25	35	50	63
	tanδ (max.)	0.16	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 (135°C) (Applied ripple current)	Test time	4000 hours(φ6.3: 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 (135°C)	Test time : 1000hours ; other items are same as the endurance. Voltage application treatment : According to JIS C5101-4 4.1.					

NOTE : Design, Specifications are subject to change without notice.
It is recommended that you shall obtain technical specifications from ELNA to ensure that the component is suitable for your use.