

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 +125									
Tolerance at rated capacitance (%)	±20 (20°C, 120Hz)									
Leakage current (μA) (max.)	6.3V to 80V : 0.01CV or 3 whichever is larger (after 2 minutes) 100V : 0.05CV or 15 whichever is larger (after 2 minutes), : Rated capacitance (μF) ; V : Rated voltage (V) (20°C)									
Tangent of loss angle (tanδ)	Rated voltage (V)	6.3	10	16	25	35	50	63	80	100
	tanδ (max.)	0.20	0.18	0.16	0.14	0.12	0.10	0.08	0.08	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 (125°C) (Applied ripple current)	Test time	4000 hours				6000 hours (25V~63V : φ6.3 or more)				
	Leakage current	The initial specified value or less				The initial specified value or less				
	Percentage of capacitance change	Within ±30% of initial value				Within ±30% of initial value				
	Tangent of the loss angle	200% or less of the initial specified value				200% or less of the initial specified value				
	ESR change	200% or less of the initial specified value				200% or less of the initial specified value				
Shelf life (125°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.