Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HVX,HTX series

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 (℃)	−55 to +135
Tolerance at rated capacitance (%)	±20 (20℃, 120Hz)
Leakage current (μA) (max.)	0.01CV or 3 whichever is larger (after 2 minutes) C : Rated capacitance (μF) , V : Rated voltage (V) (20℃)
Tangent of loss angle (tanδ)	Rated voltage (V): 25 / 35 / 50 / 63 tanδ (max.): 0.14 / 0.12 / 0.10 / 0.08 (20℃, 120Hz)
Characteristics at high and low temperature	Impedance ratio (max.) Z−25℃/Z+20℃: 1.5 Z−55℃/Z+20℃: 2.0 (100kHz)
Endurance (135℃) (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℃)	Test time : 1000hours ; other items are same as the endurance. Voltage application treatment : According to JIS C5101-4 4.1.