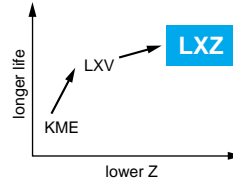


LXZ Series

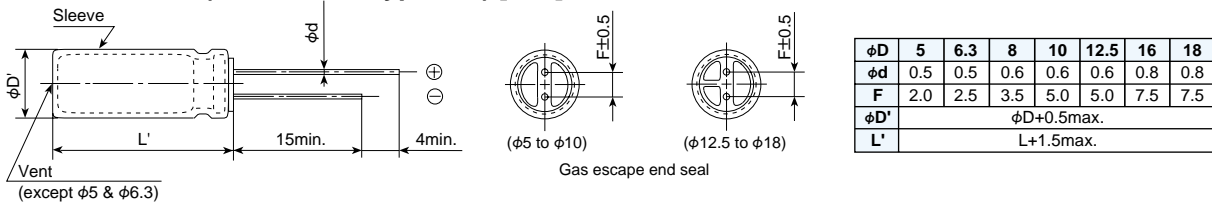
- Newly innovative electrolyte and internal architecture are employed
- Very low impedance at high frequency range
- Endurance with ripple current: 105°C 2000 to 8000 hours
- Solvent-proof type (see PRECAUTIONS AND GUIDELINES)



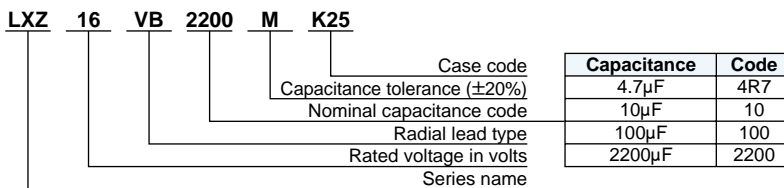
◆ SPECIFICATIONS

Items	Characteristics							
Category Temperature Range	-55 to +105°C							
Rated Voltage Range	6.3 to 63V _{dc}							
Capacitance Tolerance	±20% (M) (at 20°C, 120Hz)							
Leakage Current	I = 0.01CV or 3µA, whichever is greater. Where, I : Max. leakage current (µA), C : Nominal capacitance (µF), V : Rated voltage (V) (at 20°C after 2 minutes)							
Dissipation Factor (tanδ)	Rated voltage (V _{dc})	6.3V	10V	16V	25V	35V	50V	63V
	tanδ (Max.)	0.22	0.19	0.16	0.14	0.12	0.10	0.08
Endurance	When nominal capacitance exceeds 1000µF, add 0.02 to the value above for each 1000µF increase. (at 20°C, 120Hz)							
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after subjected to DC voltage with the rated ripple current is applied for the specified period of time at 105°C.							
	Time	φ5 & 6.3 : 2000hours	φ8 : 3000hours	φ10 : 5000hours	φ12.5 : 7000hours	φ16 & 18 : 8000hours		
	Capacitance change	≤±20% of the initial value						
	D.F. (tanδ)	≤200% of the initial specified value						
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1000 hours at 105°C without voltage applied.							
	Capacitance change	≤±20% of the initial value						
	D.F. (tanδ)	≤200% of the initial specified value						
	Leakage current	≤The initial specified value						

◆ DIMENSIONS (Radial Lead Type=VB) [mm]



◆ PART NUMBERING SYSTEM





◆STANDARD RATINGS

Table with columns for Vdc, Case code, Capacitance, Impedance, and Rated ripple current for voltage ratings 6.3, 10, 16, and 25.

Table with columns for Vdc, Case code, Capacitance, Impedance, and Rated ripple current for voltage ratings 35, 50, and 63.

◆RATED RIPPLE CURRENT MULTIPLIERS

●Frequency Multipliers

Table showing Frequency Multipliers for capacitance ranges: 12 to 180, 220 to 560, 680 to 1,800, 2,200 to 3,900, and 4,700 to 18,000.