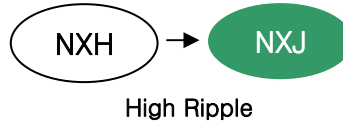


**NXJ Series**

● 105 °C 5,000Hrs assured.

- Non-solvent proof.
- Low impedance, High Ripple
- RoHS compliant.
- Halogen-free capacitors are also available.



**SPECIFICATIONS**

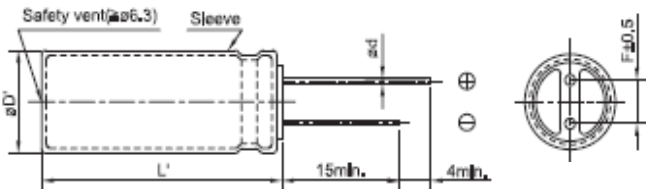
Item	Characteristics								
Rated Voltage Range	16 ~ 63 V <sub>DC</sub>								
Operating Temperature Range	-40 ~ +105 °C								
Capacitance Tolerance	±20% (M) (at 20 °C, 120Hz)								
Leakage Current	I=0.01CV (μA) or 3μA, whichever is greater. (2minites) Where, I : Max. Leakage current(μA) C : Nominal capacitance(μF) V : Rated voltage(V <sub>DC</sub> ) (at 20 °C)								
Dissipation Factor ( tan δ )	<table border="1"> <tr> <td>Rated Voltage(V<sub>DC</sub>)</td> <td>16</td> <td>25</td> <td>63</td> </tr> <tr> <td>Tanδ(Max.)</td> <td>0.16</td> <td>0.14</td> <td>0.09</td> </tr> </table> (at 20 °C, 120Hz)	Rated Voltage(V <sub>DC</sub> )	16	25	63	Tanδ(Max.)	0.16	0.14	0.09
Rated Voltage(V <sub>DC</sub> )	16	25	63						
Tanδ(Max.)	0.16	0.14	0.09						
Temperature Characteristics (Capacitance change ratio)	<table border="1"> <tr> <td>Z(-25 °C) / Z(+20 °C)</td> <td>2</td> </tr> <tr> <td>Z(-40 °C) / Z(+20 °C)</td> <td>3</td> </tr> </table> (at 120Hz)	Z(-25 °C) / Z(+20 °C)	2	Z(-40 °C) / Z(+20 °C)	3				
Z(-25 °C) / Z(+20 °C)	2								
Z(-40 °C) / Z(+20 °C)	3								
Load Life	The following specifications shall be satisfied when the capacitors are restored to 20 °C after the rated voltage is applied at 105 °C for 5,000 hours. Capacitance change ≤ ±25 % of the initial value tan δ ≤ 200 % of the initial specified value Leakage current ≤ The initial specified value								
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20 °C after exposing them for 1,000 hours at 105 °C without voltage applied. The rated voltage shall be applied to the capacitors for a minimum of 30 minutes, at least 24 hours and not more than 48 hours before the measurements. Capacitance change ≤ ±25 % of the initial value tan δ ≤ 200 % of the initial specified value Leakage current ≤ The initial specified value								
Others	Satisfied characteristics W of KS C 6421								

\* Please refer each approval sheet for detail specification.

**DIMENSIONS OF RADIAL TYPE**

Unit (mm)

Marking : DARK BROWN SLEEVE , SILVER INK



ΦD	8	10
Φd	0.6	0.6
F	3.5	5.0
ΦD'	ΦD + 0.5 max	
L'	L + 1.5 max.	L + 2.0 max.

**RATINGS OF NXJ Series**

SERIES	WV(V <sub>DC</sub> )	Cap.(μF)	Case size ØD × L(mm)	Imp.(Ω) 20 °C, 100kHz	Rated ripple current (mArms / 105 °C)				
					120Hz	1kHz	10kHz	50kHz	100kHz
NXJ	16	680	8X15	0.045	825	960	1200	1440	1600
NXJ	25	390	8X15	0.045	825	960	1200	1440	1600
NXJ	25	560	8X20	0.029	1100	1380	1725	2162	2300
NXJ	25	680	10X16	0.028	1134	1320	1650	2090	2200
NXJ	63	150	8X20	0.12	480	720	900	1140	1200