

TZF Series

• 105°C 2,000Hrs assured.

- Non-solvent proof
- This series adopts the electrolyte which was excellent in fire retardancy compared with the conventional series
- For SMPS, Inverter
- RoHS compliant.
- Halogen-free capacitors are also available.



SPECIFICATIONS

Item	Characteristics				
Rated Voltage	400~450 V _{dc}				
Operating Temperature Range	-25 ~ +105°C				
Capacitance Tolerance	±20% (M) (at 20°C, 120Hz)				
Leakage Current	I = 0.02CV(μA) or 3mA, whichever is smaller. Where, I : Max. Leakage current(μA) C : Nominal capacitance(μF) V : Rated voltage(V _{dc}) (at 20°C , 5minutes)				
Dissipation Factor(Tanδ)	<table border="1"> <tr> <td>Rated Voltage(V_{dc})</td><td>400~450</td></tr> <tr> <td>Tanδ(Max.)</td><td>0.20</td></tr> </table> (at 20°C, 120Hz)	Rated Voltage(V _{dc})	400~450	Tanδ(Max.)	0.20
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Temperature Characteristics (Max. Impedance ratio)	<table border="1"> <tr> <td>Rated Voltage(V_{dc})</td><td>400~450</td></tr> <tr> <td>Z(-25°C)/Z(20°C)</td><td>8</td></tr> </table> (at 120Hz)	Rated Voltage(V _{dc})	400~450	Z(-25°C)/Z(20°C)	8
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Load Life	<p>The following specifications shall be satisfied when the capacitors are restored to 20°C after the rated voltage with the rated ripple current is applied for 2,000 hours at 105°C.</p> <p>Capacitance change ≤ ±20 % of the initial value tan δ ≤ 200 % of the initial specified value Leakage current ≤ The initial specified value</p>				
Shelf Life	<p>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.</p> <p>Capacitance change ≤ ±20 % of the initial value tan δ ≤ 200 % of the initial specified value Leakage current ≤ 500 % of the initial specified value</p>				
Others	Satisfied characteristics KS C IEC 60384-4				

■ The specifications and the size depend on the safety requirement.(flame retardant)
Please consult us for any further details.

DIMENSIONS OF TZF Series

Unit(mm)

