



Dry epoxy resin filling capacitor with square aluminum case type G71

1、 Outline:

2、 Characteristics:

- Metallized polypropylene film
- High capacitance volume ratio
- Low inductance
- Low loss
- Low ESR
- Withstand high current
- Self-healing
- Long service life
- Easy to install



3、 Applications:

Electric locomotive, high-speed rail, EMUs, subway, light rail, ship propulsion and high power industrial frequency converter, and etc.

4、 Performance indicators:

Rated voltage	500Vdc~6000Vdc
Rated capacitance	100 μ F~10000 μ F
Capacitance tolerance	$\pm 5\%$, $\pm 10\%$
Dielectric Loss Tangent	2×10^{-4}
Loss Tangent	$\leq 25 \times 10^{-4}$ (1V, 100Hz)
Withstand voltage between terminals	1.5Un, 10/60s
Withstand voltage between terminal and case	(2Un+1000) Vac, 60s
Operating temp. (case)	-40 $^{\circ}$ C ~+70 $^{\circ}$ C
Hot-spot temperature	-40 $^{\circ}$ C ~+85 $^{\circ}$ C
Expected life (hour)	>100000
Climate category	40/85/56
Encapsulation	Stainless steel or aluminum
Impregnant	PU resin, epoxy resin