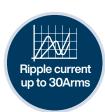


# **Automotive & Industrial Film Capacitors**

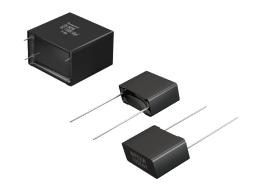
# **Top features:**











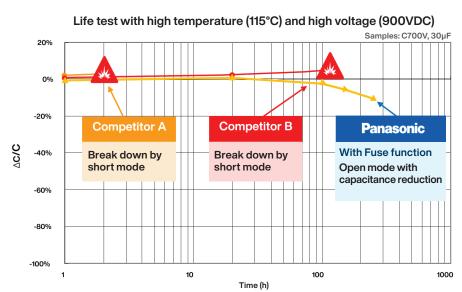
# Our series is technically compatible against:

Panasonic Series		Voltage range	Capacitance	Ripple Current	Max. Temperature	Kemet Series	EPCOS Series	Vishay Series
		600VDC - 1100VDC	1μF - 12μF	Up to 10 A	125°C	R75H	B32774P	MKP1848
		600VDC - 1100VDC	3μF - 110μF	Up to 30 A	110°C	C4AQ	B32774H B32774M	MKP1848
ECWFE		450VDC - 600VDC	0.1μF - 4.7μF	Up to 6 A	105°C	R75H	B32672P	MKP1848
EZPE		450VDC - 1300VDC	10μF - 110μF	Up to 18.5 A	105°C	C4AU	B32774H B32776H B32778H	MKP1848
EZPQ		250VAC - 600VAC	1 μF - 12μF	Up to 18 A	105°C	C4AF	B32354	MKP1847
■ Design registrable ■ Unique Technical Feature ■ Price Competitive ■ New Product Introduction								

# Why Panasonic?

### 1. High Durability

Panasonic film capacitors are more reliable and have better durability. They exhibit open-circuit failure and protect your circuit boards against fire.





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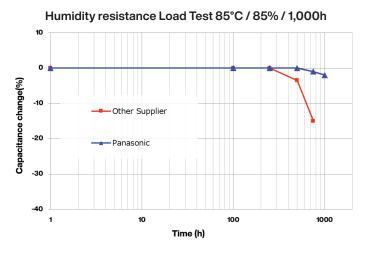
#### 2. High current resistance

Panasonic Film Capacitors use high quality film and case material which helps us achieve a lower temperature rise upon application of high currents.

Ripple current vs Temperature rise Test 60 Temperature Rise on the surface  $(^\circ\mathbb{C})$ 53°C 50 Other Supplier Panasonic 40 30 20 15°C 10 2 6 8 10 12 Current Value [Arms at 10kHz]

#### 3. High-humidity resistance:

The special vacuum-controlled sealing technology of Panasonic enables its film capacitors to perform exceptionally in high humidity conditions: 85°C / 85% / 1,000h.



#### 4. High safety (Self-healing with additional fuse function)

The fuse function enhances the safety of the film capacitor by localizing any high voltage fault on the film (Open Circuit Fault). To know more about this feature, please contact Panasonic!

