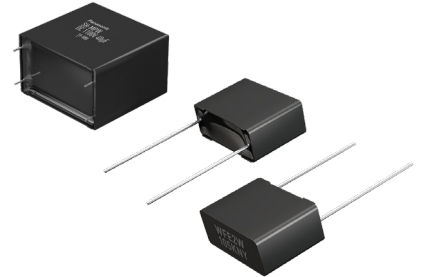


Automotive & Industrial Film Capacitors

Top features:



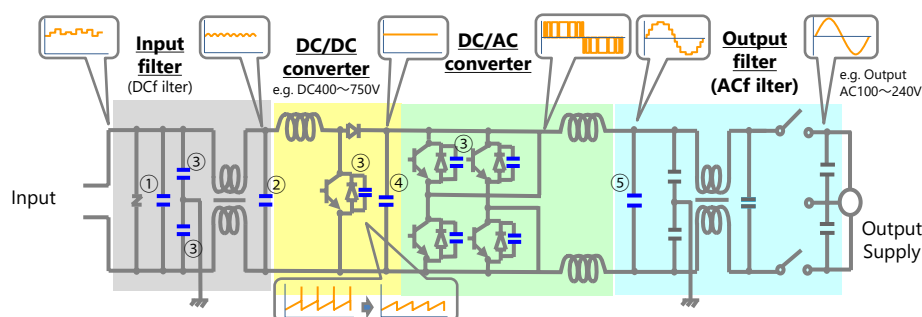
Our series is technically compatible against:

Panasonic Series	Voltage Range	Capacitance	Ripple Current	Max. Temperature	Humidity Resistance	Kemet Series	EPCOS Series	Vishay Series
ECWFJ	630VDC - 1100VDC	1 μ F - 8 μ F	Up to 10 A	125°C @ 200h	40°C 95% VR, 1000h	R75H	B32774P	MKP1848
ECWFG	600VDC - 1100VDC	1 μ F - 12 μ F	Up to 10 A	125°C @ 200h	85°C 85% VR *0.7, 500h	R75H	B32774P	MKP1848
ECWFE	450VDC - 600VDC	0.1 μ F - 4.7 μ F	Up to 6 A	85°C	40°C 95% VR, 500h	R75H	B32672P	MKP1848
EZPV-D	600VDC - 1100VDC	10 μ F - 110 μ F	Up to 30 A	125°C @ 200h	40°C 95% VR, 1000h	C4AQ	B32774H B32774M	MKP1848
EZPV	600VDC - 1100VDC	3 μ F - 110 μ F	Up to 30 A	125°C @ 200h	85°C 85% VR *0.7, 500h	C4AQ	B32774H B32774M	MKP1848
EZPE	450VDC - 1300VDC	10 μ F - 110 μ F	Up to 18.5 A	105°C	40°C 93% 56 days	C4AU	B32774H B32776H B32778H	MKP1848
EZPQ	250VAC - 600VAC	1 μ F - 12 μ F	Up to 18 A	105°C	85°C 85% VR *0.9, 1000h	C4AF	B32354	MKP1847

*The listed series are all design-registrable, and all include built-in fuse function for extra safety.

Low-Cost High humidity resistance High max. temperature

Typical film capacitor usage:



Usage	Series
① Input/output filter	EZPE/EZPV EZPV-D
② Input/output filter	ECWFE/ECWFG ECWFJ
③ Snubber	ECWFE/ECWFG ECWFJ
④ DC Link	EZPE/EZPV EZPV-D
⑤ AC filter	EZPQ

Application examples:



Clean energy



EV charging



Automotive

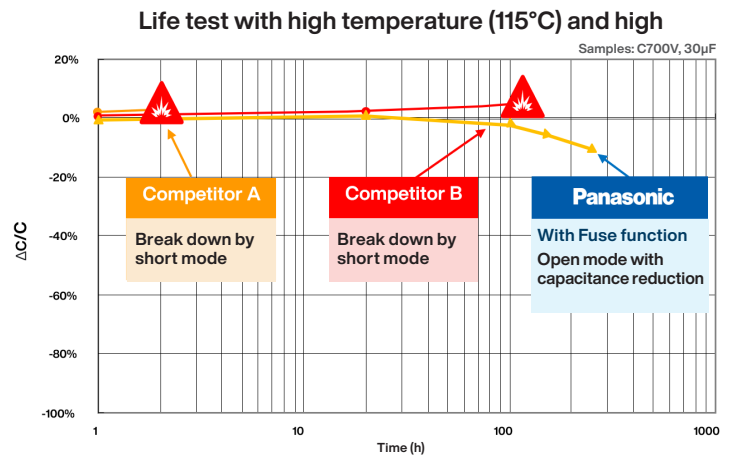


Industrial automation

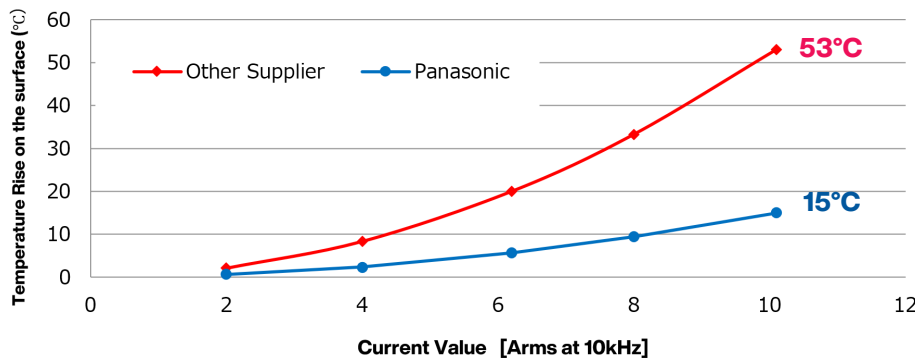
Why Panasonic?

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.



Ripple current vs Temperature rise test

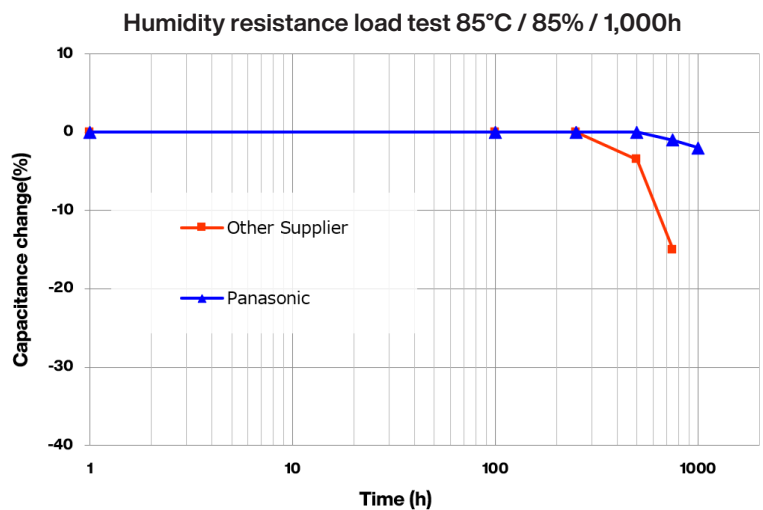


2. High current resistance

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

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).

