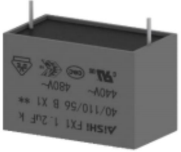
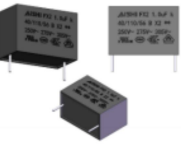
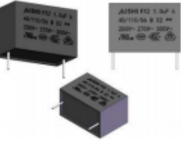
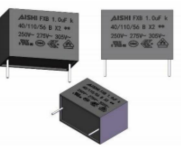

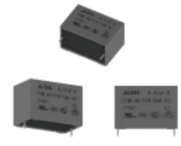

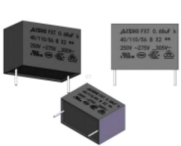
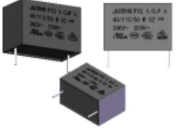
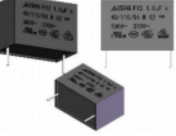

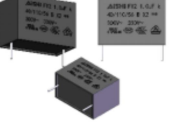

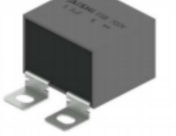

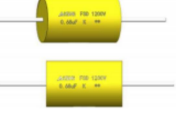
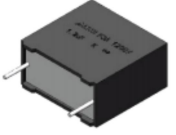
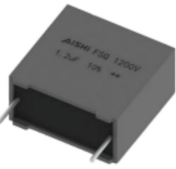
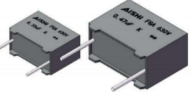
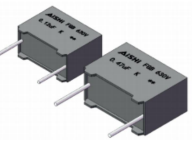
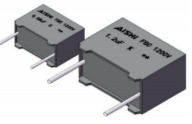
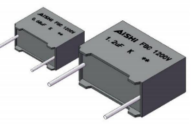
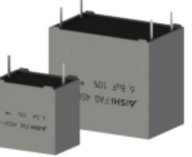




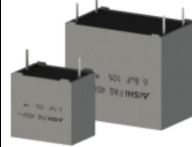
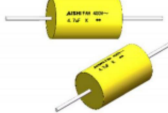
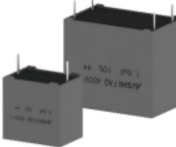
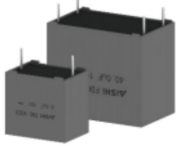





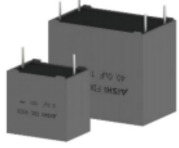
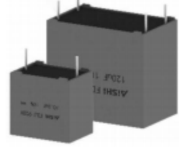
# Film Capacitors

Category & Series		Features	Applications	Product Image(s)
Anti-interference metallized film capacitor	FX1	<ul style="list-style-type: none"> <li>High stability of capacitance</li> <li>High temperature (110°C)               <ul style="list-style-type: none"> <li>Self-healing property</li> </ul> </li> <li>Over voltage stress withstanding</li> <li>Flame-retardant plastic case and resin</li> </ul>	For use as an electromagnetic interference (EMI) suppression filter in across-the-line applications that require X1 safety classification. Suitable for use in situations where failure of the capacitor would not lead to danger of electric shock	
	FX2	<ul style="list-style-type: none"> <li>High stability of capacitance</li> <li>High temperature (110°C)               <ul style="list-style-type: none"> <li>Self-healing property</li> </ul> </li> <li>Over voltage stress withstanding</li> <li>Flame-retardant plastic case and resin</li> </ul>	Interference suppression, across-the line capacitor, EMI filter and spark-killer in class X2 applications. Suitable for use in situations where failure of the capacitor would not lead to danger of electric shock.	
	FX2-1	<ul style="list-style-type: none"> <li>High stability of capacitance</li> <li>High temperature (110°C)               <ul style="list-style-type: none"> <li>Self-healing property</li> </ul> </li> <li>Over voltage stress withstanding</li> <li>Flame-retardant plastic case and resin</li> </ul>	Interference suppression, across-the-line capacitor, EMI filter and spark-killer in class X2 applications. Suitable for use in situations where failure of the capacitor would not lead to danger of electric shock	
	FXB	<ul style="list-style-type: none"> <li>High stability of capacitance</li> <li>High temperature (110°C)               <ul style="list-style-type: none"> <li>Self-healing property</li> </ul> </li> <li>Over voltage stress withstanding</li> <li>Flame-retardant plastic case and resin</li> <li>Suitable for harsh environmental conditions               <ul style="list-style-type: none"> <li>THB Grade IIIB</li> </ul> </li> </ul>	Interference suppression and specifically designed for applications in serial with the main, capacitive power suppliers and energy meter.	
	FXJ-THB2000H	<ul style="list-style-type: none"> <li>High stability of capacitance</li> <li>High operating temperature: 110°C               <ul style="list-style-type: none"> <li>Self-healing property</li> </ul> </li> <li>Over voltage stress withstanding</li> <li>Flame-retardant plastic case and resin</li> <li>Suitable for harsh environmental conditions</li> <li>THB 2000H - 85°C 85%RH, 2000 Hours, URAC</li> <li>Automotive Grade (AEC-Q200D)</li> </ul>	For use as an electromagnetic interference (EMI) suppression filter in across-the-line applications that require X1 safety classification. Suitable for use in situations where failure of the capacitor would not lead to danger of electric shock.	
	FXM	<ul style="list-style-type: none"> <li>High temperature (110°C)               <ul style="list-style-type: none"> <li>Self-healing property</li> </ul> </li> <li>Over voltage stress withstanding</li> <li>Flame-retardant plastic case and resin</li> </ul>	Interference suppression, across-the line capacitor, EMI filter and spark-killer in class X2 applications. Only suitable for use in charger and adapter. Not for AC filtering, capacitive divider and connection in series with the main.	
	FXQ-THB2000H	<ul style="list-style-type: none"> <li>High stability of capacitance</li> <li>High operating temperature: 110°C               <ul style="list-style-type: none"> <li>Self-healing property</li> </ul> </li> <li>Over voltage stress withstanding</li> <li>Flame-retardant plastic case and resin</li> <li>Suitable for harsh environmental conditions</li> <li>THB 2000H - 85°C 85%RH, 2000 Hours, URAC</li> <li>Automotive Grade (AEC-Q200D)</li> </ul>	Interference suppression, across-the line capacitor, EMI filter and spark-killer in class X2 applications. Suitable for use in situations where failure of the capacitor would not lead to danger of electric shock.	
	FXT	<ul style="list-style-type: none"> <li>High stability of capacitance</li> <li>High temperature (110°C)               <ul style="list-style-type: none"> <li>Self-healing property</li> </ul> </li> <li>Over voltage stress withstanding</li> <li>Flame-retardant plastic case and resin</li> <li>Suitable for harsh environment conditions</li> <li>THB Grade IIIB (85°C, 85% RH, 1000h at URAC)</li> </ul>	Interference suppression, across-the line capacitor, EMI filter and spark-killer in class X2 applications. Suitable for use in situations where failure of the capacitor would not lead to danger of electric shock.	

<b>Anti-interference metallized film capacitor</b>	<b>FY2</b>	<ul style="list-style-type: none"> <li>High stability of capacitance</li> <li>High temperature (110°C) <ul style="list-style-type: none"> <li>Self-healing property</li> </ul> </li> <li>Over voltage stress withstanding</li> <li>Flame-retardant plastic case and resin</li> </ul>	Use in EMI filter in line-to-ground and line-by-pass applications requiring Y2 safety classification. Suitable for use in situations where failure of the capacitor would not lead to danger of electric shock.	
	<b>FY2-1</b>	<ul style="list-style-type: none"> <li>High stability of capacitance</li> <li>High temperature (110°C) <ul style="list-style-type: none"> <li>Self-healing property</li> </ul> </li> <li>Over voltage stress withstanding</li> <li>Flame-retardant plastic case and resin</li> </ul>	Use in EMI filter in line-to-ground and line-by-pass applications requiring Y2 safety classification. Suitable for use in situations where failure of the capacitor would not lead to danger of electric shock.	
	<b>FYQ-THB2000H</b>	<ul style="list-style-type: none"> <li>High stability of capacitance</li> <li>High operating temperature: 110°C <ul style="list-style-type: none"> <li>Self-healing property</li> </ul> </li> <li>Over voltage stress withstanding</li> <li>Flame-retardant plastic case and resin</li> <li>Suitable for harsh environmental conditions</li> <li>THB 2000H - 85°C 85%RH, 2000 Hours, URAC <ul style="list-style-type: none"> <li>Automotive Grade (AEC-Q200D)</li> </ul> </li> </ul>	Use in EMI filter in line-to-ground and line-by-pass applications requiring Y2 safety classification. Suitable for use in situations where failure of the capacitor would not lead to danger of electric shock.	
	<b>FYT</b>	<ul style="list-style-type: none"> <li>High stability of capacitance</li> <li>High temperature (110°C) <ul style="list-style-type: none"> <li>Self-healing property</li> </ul> </li> <li>Over voltage stress withstanding</li> <li>Flame-retardant plastic case and resin</li> <li>Suitable for harsh environment conditions</li> <li>THB Grade IIIB (85°C, 85% RH, 1000h at URAC)</li> </ul>	Use in EMI filter in line-to-ground and line-by-pass applications requiring Y2 safety classification. Suitable for use in situations where failure of the capacitor would not lead to danger of electric shock.	
<b>Pulse absorption capacitor</b>	<b>FSA</b>	<ul style="list-style-type: none"> <li>High ripple current</li> <li>Self-healing property</li> <li>Low losses</li> <li>High contact reliability</li> <li>Suitable for high frequency applications</li> <li>Negative temperature coefficient of capacitance</li> </ul>	Widely used in monitors (S-correction and flyback tuning), ballasts and compact lamps, snubber and power supplies	
	<b>FSB(1)</b>	<ul style="list-style-type: none"> <li>High ripple current</li> <li>Self-healing property</li> <li>Low losses</li> <li>Small inherent temperature rise</li> <li>Suitable for high frequency applications</li> <li>High contact reliability</li> </ul>	Widely used in high voltage, high frequency, high current, pulse circuit and IGBT protection.	
	<b>FSB</b>	<ul style="list-style-type: none"> <li>High ripple current</li> <li>Self-healing property</li> <li>Low losses</li> <li>Small inherent temperature rise</li> <li>Suitable for high frequency applications</li> <li>High contact reliability</li> </ul>	Widely used in high voltage, high frequency, high current, pulse circuit and IGBT protection.	
	<b>FSD</b>	<ul style="list-style-type: none"> <li>High ripple current</li> <li>Self-healing property</li> <li>Low losses</li> <li>Small inherent temperature rise</li> <li>High contact reliability</li> <li>Suitable for high frequency applications</li> </ul>	Widely used in high voltage, high frequency, pulse circuit and IGBT protection.	

<b>Pulse absorption capacitor</b>	<b>FSG</b>	<p>High ripple current Self-healing property Low losses Small inherent temperature rise High contact reliability Negative temperature coefficient to capacitance Operating temperature range: -55°C to +105°C Suitable for harsh environment conditions THB Grade IIIB (85°C, 85% RH, 1000h at UNDC)</p>	Widely used in high voltage, high frequency circuit, resonant circuit, snubber and SCR commutating circuits	
	<b>FSQ-2000H</b>	<p>High ripple current • Self-healing property • Low losses • Small inherent temperature rise • High contact reliability • Operating temperature range: -55°C to +105°C • Suitable for harsh environmental conditions • THB 2000H - 85°C 85%RH, 2000 Hours, UNDC • Automotive Grade (AEC-Q200D)</p>	Widely used in high voltage, high frequency circuit, snubber and SCR commutating circuits. Specially design for OBC and automotive applications.	
<b>General purpose DC capacitor</b>	<b>FGA</b>	<p>High ripple current Self-healing property Low losses High contact reliability</p>	Widely used in power supplies, power factory correction, ballasts and compact lamps and inverter.	
	<b>FGB-2212</b>	<p>High ripple current Self-healing property Low losses High contact reliability Suitable for high frequency applications</p>	Widely used in high current and high frequency applications, DC/AC and pulse circuits and ballast & compact lamps	
	<b>FGC</b>	<p>High ripple current Self-healing property Low losses High contact reliability Suitable for high frequency applications Negative temperature coefficient of capacitance</p>	Widely used in monitors (S-correction and flyback tuning), ballasts and compact lamps, snubber and power supplies	
	<b>FGG-1</b>	<p>Self-healing property High density packaging Good solderability High moisture resistance High operating temperature 125°C</p>	Widely used in by-passing, blocking, coupling, decoupling, pulse, logic, timing, oscillator circuits, ballasts and compact lamps	
<b>DC filter capacitor</b>	<b>FAA</b>	<p>High ripple current Self-healing and low loss Optimized AC voltage performance Suitable for high frequency applications</p>	Widely used in Clamping, AC and Harmonic Filtering, UPS Systems, Solar Inverter with LCL Filter and Motor Drive.	
	<b>FAC-2022-85C-V2</b>	<p>High ripple current Self-healing and low loss Optimized AC voltage performance Suitable for high frequency applications</p>	Widely used in AC Filtering and LCL System	

DC filter capacitor	<b>FAD-220419</b>	<p>Double safety protection</p> <ul style="list-style-type: none"> <li>- Self-healing property</li> <li>- Overpressure disconnecter device</li> </ul> <p>3 phases in one case, delta connection</p> <p>High reliability</p> <p>Oil type with good thermal dissipation</p>	Widely used in PFC, AC Filtering and LCL System	
	<b>FAG</b>	<p>High ripple current</p> <p>Self-healing and low loss</p> <p>Optimized AC voltage performance</p> <p>Suitable for high frequency applications</p> <p>Suitable for harsh environment conditions.</p> <p>THB Grade IIIB (85°C, 85% RH, 1000h at URAC)</p>	Widely used in Clamping, AC and Harmonic Filtering, UPS Systems, Solar Inverter with LCL Filter and Motor Drive.	
	<b>FAH</b>	<p>High ripple current</p> <p>Self-healing and low loss</p> <p>Optimized AC voltage performance</p> <p>Suitable for high frequency applications</p>	Widely used in Clamping, AC and Harmonic Filtering and UPS Systems. Suitable for harsh environmental conditions.	
	<b>FAO-THB2000</b>	<p>High ripple current</p> <p>Self-healing and low loss</p> <p>Operating temperature range: -55°C to 105°C</p> <p>Optimized AC voltage performance</p> <p>Suitable for high frequency applications</p> <p>Suitable for harsh environmental conditions</p> <p>THB 2000H - 85°C 85%RH, 2000 Hours, URAC</p> <p>Automotive Grade (AEC-Q200D)</p>	Widely used in Clamping, AC and Harmonic Filtering, UPS Systems, Solar Inverter with LCL Filter, Motor Drive and automotive applications	
DC support filter capacitor	<b>FDA</b>	<p>Self-healing</p> <p>High capacitance density</p> <p>High ripple current and low loss</p> <p>High contact reliability</p> <p>Suitable for high frequency applications</p>	Widely used in high performance DC Link, DC filtering, frequency converters, industrial power supply, solar inverter and energy storage. Not suitable for across the line application.	
	<b>FDB</b>	<p>Self-healing</p> <p>Low inductance</p> <p>High capacitance density</p> <p>Low ESR and high ripple current handling capability</p> <p>Long lifetime and can replace bank of series connected electrolytic capacitors</p>	Widely used in DC Link, high performance DC filtering, motor drive systems, welder, elevator, EV/HEV.	
	<b>FDC</b>	<p>Self-healing</p> <p>High capacitance density</p> <p>High ripple current and low loss</p> <p>Long lifetime</p> <p>Can replace bank of series-connected electrolytic capacitors</p>	Widely used in high performance DC filtering, solar inverter, wind power and energy storage. Suitable for centralized inverter systems and can replace bank of series-connected electrolytic capacitors	

DC support filter capacitor	FDE-202204	<p>Low ESR Low ESL Self-healing technology High ripple current UL 94 V-0 PPS Plastic Case Automotive Grade (AEC-Q200D) THB Grade IIIIB</p>	Specially design for DC filtering and DC-Link circuits for EV/HEV.	
	FDG	<p>Self-healing High capacitance density Operating temperature range: - 40°C to 105°C High ripple current and low loss High contact reliability Suitable for high frequency applications Suitable for harsh environmental conditions THB Grade IIIIB (85°C, 85% RH, 1000h at UNDC)</p>	Widely used in high performance DC Link, DC filtering, frequency converters, industrial power supply, solar inverter and energy storage. Not suitable for across the line application.	
	FDJ	<p>Self-healing Segmented film design Capacitance up to 560µF High temperature capability up to 125°C. High contact reliability Automotive Grade (AEC-Q200D)</p>	Widely used in low voltage DC Link circuit, DC filtering and automotive applications.	
	FDQ-THB2000H	<p>Self-healing</p> <ul style="list-style-type: none"> <li>• High capacitance density</li> <li>• Operating temperature range: -55°C to 105°C</li> <li>• High ripple current and low loss</li> <li>• High contact reliability</li> <li>• Suitable for high frequency applications</li> <li>• Suitable for harsh environmental conditions</li> <li>• THB 2000H - 85°C 85%RH, 2000 Hours, UNDC</li> <li>• Automotive Grade (AEC-Q200D)</li> </ul>	Widely used in high performance DC Link, DC filtering, frequency converter, industrial power supply, solar inverter, energy storage, OBC and automotive.	