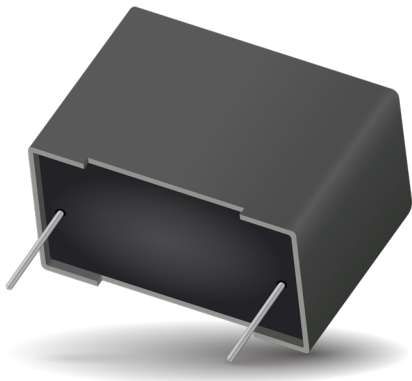
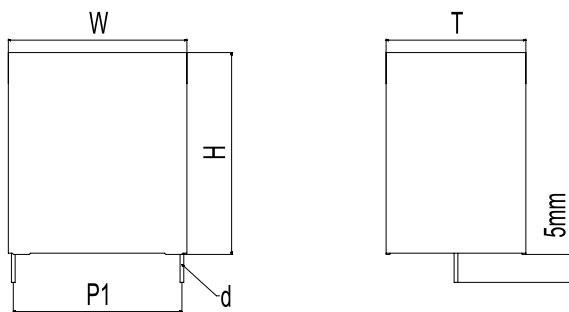


DC FILTERING

FB* RoHS Compliant



DIMENSIONS



STANDARDS

- IEC 61071-1: Power electronic capacitors
- IEC 61071-2: Power electronic capacitors
- IEC 60384-16: Fixed metallized polypropylene film dielectric DC capacitors
- IEC 60384-16-1: Fixed metallized polypropylene film dielectric DC capacitors Assessment level E
- IEC 60384-17: Fixed metallized polypropylene film dielectric AC and pulse capacitors
- IEC 60384-17-1: Fixed metallized polypropylene film dielectric AC and pulse capacitors
- EN CZDS2.E514026 Certificate: E514026 (approved by UL)

HOW TO ORDER

FB	27	E*	6	I	0335	K	C
Series	Pitch	Case Size	Type	Voltage	Cap	Tolerance	Lead Type
FB	27 = 27.5mm 37 = 37.5mm	E* for P=27.5mm F* for P=37.5mm	6 = Standard 105°C 7 = THB Grade IIIB - 105°C 8 = THB 2000H - 125°C	I = 450V H = 500V J = 550V Q = 600V A = 700V B = 800V C = 900V K = 1000V L = 1100V P = 1200V	µF Code	K = ±10% M = ±20% J = ±5% refer Factory	C = 2 pins 5mm L = 2 pins 20mm min

* THB - Temperature Humidity Bias

GENERAL DESCRIPTION

The FB series uses a non-impregnated metallized polypropylene dielectric specially treated to have a very high dielectric strength in operation condition up to 125°C.

FB series performance characteristics make them a viable alternative to aluminum electrolytic technology due to much lower ESR and much higher surge voltage capability (dv/dt).

GENERAL CHARACTERISTICS

- Able to Withstand Harsh Environment Conditions

FEATURES & BENEFITS

- High Performance DC Filter
- Low ESR, High Peak & RMS Current
- THB Compliance
- Able to Withstand Harsh Environment Conditions (THB Compliance)

APPLICATIONS

- Renewable Energy Inverter
- Motor Drives
- Industrial Power Supply
- UPS System

OPERATING TEMPERATURE RANGE

- Operating temperature range : -40°C to + 105°C (Type 6 and 7)
- Operating temperature range : -40°C to + 125°C (Type 8)

PACKAGING MATERIAL

Self-extinguishing plastic case (V0 = in accordance with UL 94) filled thermosetting resin.

Self-extinguishing thermosetting resin (V0 = in accordance with UL 94).

LIFE EXPECTANCY

One unique feature of this technology (versus aluminum electrolytics) is how the capacitor reacts at the end of its lifetime.

Unlike aluminum electrolytic film capacitors do not have a catastrophic failure mode. Film capacitors simply experience a parametric loss of capacitance of about 2% from initial value, with no risk of short circuit.

The capacitor continues to be functional even after this 2% decrease.

DC FILTERING

FB *RoHS Compliant



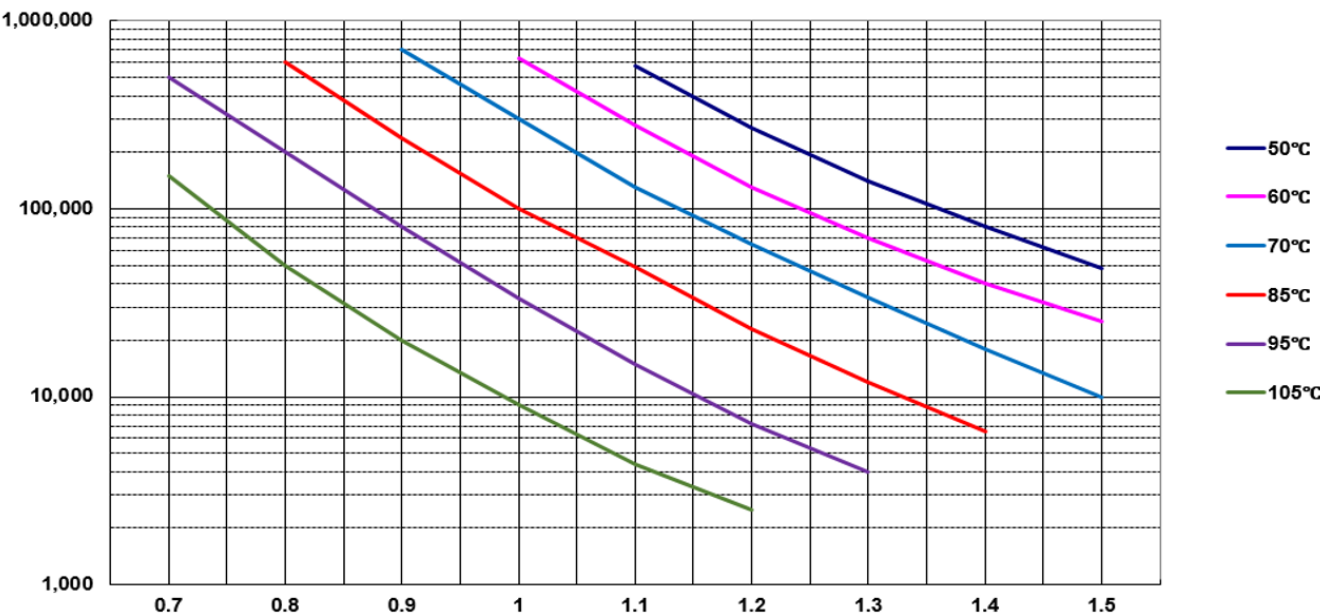
POLYPROPYLENE DIELECTRIC FOR INDUSTRIAL DC FILTERING

These capacitors have been designed primarily for high and medium power DC filtering applications.

ELECTRICAL CHARACTERISTICS – POLYPROPYLENE DIELECTRIC

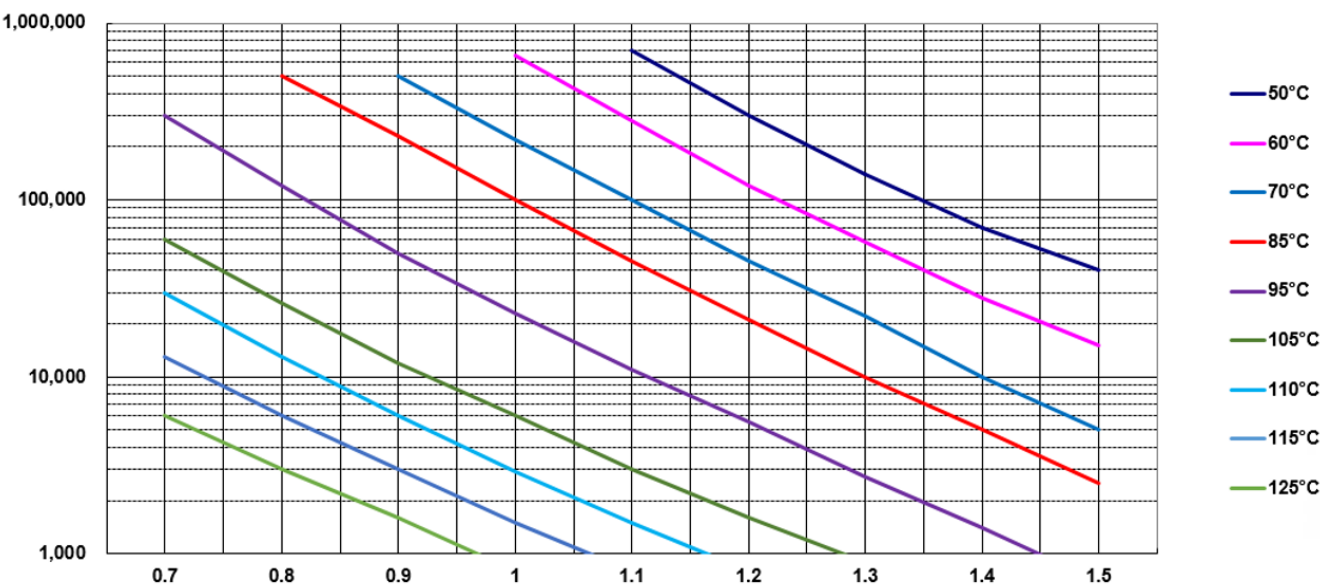
Items	Characteristics		
	Standard - 105°C	THB Grade IIIB - 105°C	THB 2000H - 125°C
Application	DC Filtering / DC Link		
Reference Standard	IEC 61071		
Climatic Category	40/85/56 IEC 60068-1		40/105/56 IEC 60068-1
Operating Temperature Range	-40°C ~ +105°C (85°C ~105°C, decreasing factor 1.25% per °C for Rated Voltage)		-40°C ~ +125°C (85°C ~125°C, decreasing factor 1.11% per °C for Rated Voltage)
Upper Temperature Tmax	105°C		125°C
Lower Temperature Tmin	-40°C		-55°C
Rated Voltage	450Vdc ~ 1200Vdc		450Vdc ~ 1100Vdc
Capacitance Range	1uF ~ 220uF		
Capacitance Tolerance	±10% at +25°C		
Dissipation Factor (DF)	≤0.002 (0.2%) at 1KHz; C ≤20μF at 25°C		
	≤0.003 (0.3%) at 1KHz; C >20μF at 25°C		
	≤0.004 (0.4%) at 1KHz; C >80μF at 25°C		
Test Voltage Between Terminals	1.5 x rated voltage for 10s (terminal to terminal)		
Test Voltage Terminal to Case	3.0kVrms 50 Hz for 10 sec at +25°C		
Insulation Resistance	IR x C≥30,000 Seconds at 100VDC 1 minute at +25°C		
Life Expectancy	100,000 hours at Un @ Hot-Spot temperature T=+85°C		100,000 hours at Un @ Hot-Spot temperature T=+85°C
			20,000 hours at Un @ Hot-Spot temperature T=+105°C
			5,000 hours at Un @ Hot-Spot temperature T=+115°C
			4,000 hours at Un @ Hot-Spot temperature T=+125°C
Protection	Solvent resistant plastic case UL94 V-0 Thermosetting resin sealing UL 94 V-0 compliant		
Installation	Any position		
Leads	Tinned copper wires, standard lead wire length 5 ±1mm		
Packaging	Packed in cardboard boxes with protection for the terminals		
RoHS Compliant	Compliant with the restricted substance requirements of Directive 2011/65/EU		
Storage Conditions	Storage time: ≤ 24 months from the date marked on the label package		
	Temperature and relative humidity should be -10°C ~ +40°C and not more than 75%RH.		
	RH ≤ 85% for 30 days randomly distributed throughout the year		
Humidity Test	Test conditions & performance:		
	Temperature: +40°C±2°C		
	Relative humidity (RH): 93% ±2%		
	Test duration: 56 days		
	Capacitance change: ≤±5% DF change (@tgδ): ≤50 X 10 ⁻⁴ at 1KHz		
	Insulation resistance: ≥50% of initial limit		
Endurance Test	Test conditions & performance:		
	Temperature: +85°C±2°C		
	Voltage applied: 1.3 X VR (d.c.)		
	Test duration: 1000 Hours		
	Capacitance change: ≤±5% DF change (@ tgδ): ≤50 X 10 ⁻⁴ at 1KHz		
	Insulation resistance: ≥50% of initial limit		
High Temperature High Humidity		Test conditions & performance:	Test conditions & performance:
		Temperature: +85°C±2°C	Temperature: +85°C±2°C
		Relative humidity (RH): 85% ±2%	Relative humidity (RH): 85% ±2%
		Voltage applied: Rated Voltage	Voltage applied: Rated Voltage
		Test duration: 1000 Hours	Test duration: 2000 Hours
		Capacitance change: ≤±10%	Capacitance change: ≤±10%
		DF change (Δ tgδ): ≤80 X 10 ⁻⁴ at 1KHz	DF change (Δ tgδ): ≤80 X 10 ⁻⁴ at 1KHz
		Insulation resistance: ≥50% of initial limit	Insulation resistance: ≥50% of initial limit
THB Test (Damp heat test with loading)	Test conditions & performance:		
	Temperature: +85°C±2°C Relative humidity (RH): 85% ±2%		
	Loading Voltage: Rated Voltage (DC)		
	Test duration: 1000 hours		
	Capacitance change: ≤±5%		

Expected Life Curve at Hot Spot Temperature (T_{HS})



For Standard & THB Grade IIIB - 105°C

Expected Life Curve at Hot Spot Temperature (T_{HS})



For THB 2000H - 125°C

DC FILTERING

FB - Standard 105°C *RoHS Compliant

CASE CODE

Case Code	Dimensions									
	W		H		T		P1		d	
	± 0.8(0.03)		± 0.8(0.03)		± 0.8(0.03)		± 1.0(0.04)		± 0.05(0.002)	
	mm	in	mm	in	mm	in	mm	in	mm	in
EC	32.0	(1.26)	18.0	(0.71)	9.0	(0.35)	27.5	(1.08)	0.8	(0.03)
E1	32.0	(1.26)	20.0	(0.79)	11.0	(0.43)	27.5	(1.08)	0.8	(0.03)
E2	32.0	(1.26)	22.0	(0.87)	13.0	(0.51)	27.5	(1.08)	0.8	(0.03)
EK	32.0	(1.26)	24.0	(0.94)	14.0	(0.55)	27.5	(1.08)	0.8	(0.03)
EJ	32.0	(1.26)	24.5	(0.96)	13.0	(0.51)	27.5	(1.08)	0.8	(0.03)
EE	32.0	(1.26)	24.5	(0.96)	15.0	(0.59)	27.5	(1.08)	0.8	(0.03)
E3	32.0	(1.26)	28.0	(1.10)	14.0	(0.55)	27.5	(1.08)	0.8	(0.03)
E4	32.0	(1.26)	28.0	(1.10)	18.0	(0.71)	27.5	(1.08)	0.8	(0.03)
EL	32.0	(1.26)	30.0	(1.18)	16.0	(0.63)	27.5	(1.08)	0.8	(0.03)
E6	32.0	(1.26)	33.0	(1.30)	18.0	(0.71)	27.5	(1.08)	0.8	(0.03)
E9	32.0	(1.26)	37.0	(1.46)	22.0	(0.87)	27.5	(1.08)	0.8	(0.03)
FV	42.0	(1.65)	28.0	(1.10)	17.0	(0.67)	37.5	(1.48)	1.0	(0.04)
FW	42.0	(1.65)	30.0	(1.18)	17.0	(0.67)	37.5	(1.48)	1.0	(0.04)
F3	42.0	(1.65)	32.0	(1.26)	19.0	(0.75)	37.5	(1.48)	1.0	(0.04)

RATING & PART NUMBER REFERENCE

Cap	Rated Voltage	KAVX PN	Voltage Code	Case Code	Dimensions					dv/dt	Peak	Irms	ESR 10KHz	Rth	ESL	SPQ	MOQ	Estimated Weight																			
					W	H	T	P1	d																												
	uF				V	± 0.8	± 0.8	± 0.8	± 1.0										± 0.05	mm	mm	mm	V/us	A	A	mΩ	°C/W	nH	pcs	pcs	g/pcs						
Voltage Vndc 450V																			Voltage Code I																		
3.3	450	FB27EC6I0335KC	I	EC	32.0	18	9.0	27.5	0.8	65	215	4.0	30.7	41.7	12	180	4,320	7																			
4.0	450	FB27EC6I0405KC	I	EC	32.0	18	9.0	27.5	0.8	65	260	4.4	25.3	41.7	12	180	4,320	7																			
5.0	450	FB27E16I0505KC	I	E1	32.0	20	11	27.5	0.8	65	325	4.9	20.2	35.7	14	150	3,600	8																			
6.0	450	FB27E16I0605KC	I	E1	32.0	20	11	27.5	0.8	65	390	5.8	16.9	35.7	14	150	3,600	8																			
7.0	450	FB27E26I0705KC	I	E2	32.0	22	13	27.5	0.8	65	455	6.2	14.5	33.3	15	120	2,400	10																			
8.0	450	FB27E26I0805KC	I	E2	32.0	22	13	27.5	0.8	65	520	6.9	12.6	33.3	15	120	2,400	10																			
10.0	450	FB27EJ6I0106KC	I	EJ	32.0	24.5	13	27.5	0.8	65	650	8.0	10.1	31.3	16	120	2,400	12																			
12.0	450	FB27E36I0126KC	I	E3	32.0	28	14	27.5	0.8	65	780	9.0	8.4	27.8	18	110	2,200	16																			
13.0	450	FB27E36I0136KC	I	E3	32.0	28	14	27.5	0.8	65	845	9.3	7.8	27.8	18	110	2,200	16																			
15.0	450	FB27EL6I0156KC	I	EL	32.0	30	16	27.5	0.8	65	975	10.6	6.7	26.3	18	100	2,000	19																			
15.0	450	FB27E46I0156KC	I	E4	32.0	28	18	27.5	0.8	65	975	11.2	6.7	23.8	19	90	1,800	19																			
16.0	450	FB27E46I0166KC	I	E4	32.0	28	18	27.5	0.8	65	1040	11.5	6.3	23.8	19	90	1,800	19																			
18.0	450	FB27E66I0186KC	I	E6	32.0	33	18	27.5	0.8	65	1170	12.8	5.6	21.7	21	90	1,800	23																			
20.0	450	FB27E66I0206KC	I	E6	32.0	33	18	27.5	0.8	65	1300	13.5	5.1	21.7	21	90	1,800	23																			
22.0	450	FB27E96I0226KC	I	E9	32.0	37	22	27.5	0.8	65	1430	14.1	4.6	17.2	23	70	840	32																			
25.0	450	FB27E96I0256KC	I	E9	32.0	37	22	27.5	0.8	65	1625	16.9	4.0	17.2	23	70	840	32																			
28.0	450	FB27E96I0286KC	I	E9	32.0	37	22	27.5	0.8	65	1820	17.9	3.6	17.2	23	70	840	32																			
20.0	450	FB37FV6I0206KC	I	FV	42.0	28	17	37.5	1.0	35	700	8.5	13.8	20.0	12	63	2,520	26																			
25.0	450	FB37F36I0256KC	I	F3	42.0	32	19	37.5	1.0	35	875	9.5	11.1	17.9	13	56	2,240	31																			
Voltage Vndc 500V																			Voltage Code H																		
3.3	500	FB27EC6H0335KC	H	EC	32.0	18.0	9.0	27.5	0.8	65	215	4.1	28.4	41.7	12	180	4,320	7																			
4.0	500	FB27EC6H0405KC	H	EC	32.0	18.0	9.0	27.5	0.8	65	260	4.5	23.4	41.7	12	180	4,320	7																			
5.0	500	FB27E16H0505KC	H	E1	32.0	20.0	11.0	27.5	0.8	65	325	5.5	18.7	35.7	14	150	3,600	8																			
6.0	500	FB27E16H0605KC	H	E1	32.0	20.0	11.0	27.5	0.8	65	390	6.0	15.6	35.7	14	150	3,600	8																			
7.0	500	FB27E26H0705KC	H	E2	32.0	22.0	13.0	27.5	0.8	65	455	6.7	13.4	33.3	15	120	2,400	10																			
8.0	500	FB27E26H0805KC	H	E2	32.0	22.0	13.0	27.5	0.8	65	520	7.2	11.7	33.3	15	120	2,400	10																			
10.0	500	FB27EJ6H0106KC	H	EJ	32.0	24.5	13.0	27.5	0.8	65	650	8.3	9.4	31.3	16	120	2,400	12																			
12.0	500	FB27E36H0126KC	H	E3	32.0	28.0	14.0	27.5	0.8	65	780	9.6	7.8	27.8	18	110	2,200	16																			
13.0	500	FB27E36H0136KC	H	E3	32.0	28.0	14.0	27.5	0.8	65	845	10.0	7.2	27.8	18	110	2,200	16																			
15.0	500	FB27EL6H0156KC	H	EL	32.0	30.0	16.0	27.5	0.8	65	975	11.0	6.2	26.3	18	100	2,000	19																			
15.0	500	FB27E46H0156KC	H	E4	32.0	28.0	18.0	27.5	0.8	65	975	11.0	6.2	23.8	19	90	1,800	19																			

DC FILTERING

FB - Standard 105°C *RoHS Compliant



RATING & PART NUMBER REFERENCE

Cap	Rated Voltage	KAVX PN	Voltage Code	Case Code	Dimensions					dv/dt	Peak	Irms	ESR 10KHz	Rth	ESL	SPQ	MOQ	Estimated Weight
					W ± 0.8	H ± 0.8	T ± 0.8	P1 ± 1.0	d ± 0.05									
uF	V				mm	mm	mm	mm	mm	V/us	A	A	mΩ	°C/W	nH	pcs	pcs	g/pcs
16.0	500	FB27E46H0166KC	H	E4	32.0	28.0	18.0	27.5	0.8	65	1040	12.0	5.9	23.8	19	90	1,800	19
18.0	500	FB27E66H0186KC	H	E6	32.0	33.0	18.0	27.5	0.8	65	1170	13.3	5.2	21.7	21	90	1,800	23
20.0	500	FB27E66H0206KC	H	E6	32.0	33.0	18.0	27.5	0.8	65	1300	14.0	4.7	21.7	21	90	1,800	23
22.0	500	FB27E96H0226KC	H	E9	32.0	37.0	22.0	27.5	0.8	65	1430	16.5	4.3	17.2	23	70	840	32
25.0	500	FB27E96H0256KC	H	E9	32.0	37.0	22.0	27.5	0.8	65	1625	17.6	3.7	17.2	23	70	840	32
28.0	500	FB27E96H0286KC	H	E9	32.0	37.0	22.0	27.5	0.8	65	1820	18.6	3.3	17.2	23	70	840	32
20.0	500	FB37FV6H0206KC	H	FV	42.0	28.0	17.0	37.5	1.0	35	700	8.8	12.8	20.0	12	63	2,520	26
25.0	500	FB37F36H0256KC	H	F3	42.0	32.0	19.0	37.5	1.0	35	875	10.5	10.2	17.9	13	56	2,240	31
Voltage Vndc 550V																		
3.0	550	FB27EC6J0305KC	J	EC	32.0	18.0	9.0	27.5	0.8	65	195	4.1	28.1	41.7	12	180	4,320	7
4.0	550	FB27E16J0405KC	J	E1	32.0	20.0	11.0	27.5	0.8	65	260	5.2	21.1	35.7	14	150	3,600	8
5.0	550	FB27E26J0505KC	J	E2	32.0	22.0	13.0	27.5	0.8	65	325	6.0	16.9	33.3	15	120	2,400	10
6.0	550	FB27E26J0605KC	J	E2	32.0	22.0	13.0	27.5	0.8	65	390	6.5	14.0	33.3	15	120	2,400	10
7.0	550	FB27EK6J0705KC	J	EK	32.0	24.0	14.0	27.5	0.8	65	455	7.5	12.0	29.4	17	110	2,200	13
8.0	550	FB27EK6J0805KC	J	EK	32.0	24.0	14.0	27.5	0.8	65	520	8.0	10.5	29.4	17	110	2,200	13
9.0	550	FB27E36J0905KC	J	E3	32.0	28.0	14.0	27.5	0.8	65	585	8.8	9.4	27.8	18	110	2,200	16
10.0	550	FB27E36J0106KC	J	E3	32.0	28.0	14.0	27.5	0.8	65	650	9.2	8.4	27.8	18	110	2,200	16
12.0	550	FB27EL6J0126KC	J	EL	32.0	30.0	16.0	27.5	0.8	65	780	10.4	7.0	26.3	18	100	2,000	19
12.0	550	FB27E46J0126KC	J	E4	32.0	28.0	18.0	27.5	0.8	65	780	10.9	7.0	23.8	19	90	1,800	19
15.0	550	FB27E66J0156KC	J	E6	32.0	33.0	18.0	27.5	0.8	65	975	12.8	5.6	21.7	21	90	1,800	23
20.0	550	FB27E96J0206KC	J	E9	32.0	37.0	22.0	27.5	0.8	65	1300	16.6	4.2	17.2	23	70	840	32
22.0	550	FB27E96J0226KC	J	E9	32.0	37.0	22.0	27.5	0.8	65	1430	17.4	3.8	17.2	23	70	840	32
Voltage Vndc 600V																		
2.0	600	FB27EC6Q0205KC	Q	EC	32.0	18.0	9.0	27.5	0.8	65	130	3.6	36.1	41.7	12	180	4,320	7
2.2	600	FB27EC6Q0225KC	Q	EC	32.0	18.0	9.0	27.5	0.8	65	143	3.8	32.8	41.7	12	180	4,320	7
3.0	600	FB27E16Q0305KC	Q	E1	32.0	20.0	11.0	27.5	0.8	65	195	4.8	24.1	35.7	14	150	3,600	8
3.3	600	FB27E16Q0335KC	Q	E1	32.0	20.0	11.0	27.5	0.8	65	215	5.1	21.9	35.7	14	150	3,600	8
4.0	600	FB27E16Q0405KC	Q	E1	32.0	20.0	11.0	27.5	0.8	65	260	5.6	18.1	35.7	14	150	3,600	8
5.0	600	FB27E26Q0505KC	Q	E2	32.0	22.0	13.0	27.5	0.8	65	325	6.4	14.5	33.3	15	120	2,400	10
6.0	600	FB27EJ6Q0605KC	Q	EJ	32.0	24.5	13.0	27.5	0.8	65	390	7.3	12.0	31.3	16	120	2,400	12
7.0	600	FB27EE6Q0705KC	Q	EE	32.0	24.5	15.0	27.5	0.8	65	455	8.2	10.3	28.6	18	110	2,200	13
7.0	600	FB27E36Q0705KC	Q	E3	32.0	28.0	14.0	27.5	0.8	65	455	8.4	10.3	27.8	18	110	2,200	16
8.0	600	FB27E36Q0805KC	Q	E3	32.0	28.0	14.0	27.5	0.8	65	520	8.9	9.0	27.8	18	110	2,200	16
9.0	600	FB27EL6Q0905KC	Q	EL	32.0	30.0	16.0	27.5	0.8	65	585	9.7	8.0	26.3	18	100	2,000	19
10.0	600	FB27E46Q0106KC	Q	E4	32.0	28.0	18.0	27.5	0.8	65	650	10.8	7.2	23.8	19	90	1,800	19
11.0	600	FB27E66Q0116KC	Q	E6	32.0	33.0	18.0	27.5	0.8	65	715	11.8	6.6	21.7	21	90	1,800	23
12.0	600	FB27E66Q0126KC	Q	E6	32.0	33.0	18.0	27.5	0.8	65	780	12.4	6.0	21.7	21	90	1,800	23
15.0	600	FB27E96Q0156KC	Q	E9	32.0	37.0	22.0	27.5	0.8	65	975	15.5	4.8	17.2	23	70	840	32
18.0	600	FB27E96Q0186KC	Q	E9	32.0	37.0	22.0	27.5	0.8	65	1170	17.0	4.0	17.2	23	70	840	32
15.0	600	FB37F36Q0156KC	Q	F3	42.0	32.0	19.0	37.5	1.0	35	525	9.2	13.2	17.9	13	56	2,240	31
Voltage Vndc 700V																		
2.0	700	FB27EC6A0205KC	A	EC	32.0	18.0	9.0	27.5	0.8	65	130	3.6	36.1	41.7	12	180	4,320	7
3.0	700	FB27E16A0305KC	A	E1	32.0	20.0	11.0	27.5	0.8	65	195	4.8	24.1	35.7	14	150	3,600	8
3.3	700	FB27E16A0335KC	A	E1	32.0	20.0	11.0	27.5	0.8	65	215	5.1	21.9	35.7	14	150	3,600	8
4.0	700	FB27E16A0405KC	A	E1	32.0	20.0	11.0	27.5	0.8	65	260	5.6	18.1	35.7	14	150	3,600	8
5.0	700	FB27E26A0505KC	A	E2	32.0	22.0	13.0	27.5	0.8	65	325	6.4	14.5	33.3	15	120	2,400	10
6.0	700	FB27EJ6A0605KC	A	EJ	32.0	24.5	13.0	27.5	0.8	65	390	7.3	12.0	31.3	16	120	2,400	12
7.0	700	FB27EE6A0705KC	A	EE	32.0	24.5	15.0	27.5	0.8	65	455	8.2	10.3	28.6	18	110	2,200	13
7.0	700	FB27E36A0705KC	A	E3	32.0	28.0	14.0	27.5	0.8	65	455	8.2	10.3	27.8	18	110	2,200	16
8.0	700	FB27E36A0805KC	A	E3	32.0	28.0	14.0	27.5	0.8	65	520	8.9	9.0	27.8	18	110	2,200	16
9.0	700	FB27EL6A0905KC	A	EL	32.0	30.0	16.0	27.5	0.8	65	585	9.7	8.0	26.3	18	100	2,000	19
10.0	700	FB27E46A0106KC	A	E4	32.0	28.0	18.0	27.5	0.8	65	650	10.8	7.2	23.8	19	90	1,800	19
11.0	700	FB27E66A0116KC	A	E6	32.0	33.0	18.0	27.5	0.8	65	715	11.8	6.6	21.7	21	90	1,800	23
12.0	700	FB27E66A0126KC	A	E6	32.0	33.0	18.0	27.5	0.8	65	780	12.4	6.0	21.7	21	90	1,800	23
15.0	700	FB27E96A0156KC	A	E9	32.0	37.0	22.0	27.5	0.8	65	975	15.5	4.8	17.2	23	70	840	32

DC FILTERING

FB - Standard 105°C *RoHS Compliant



RATING & PART NUMBER REFERENCE

Cap	Rated Voltage	KAVX PN	Voltage Code	Case Code	Dimensions					dv/dt	Peak	I _{rms}	ESR 10KHz	R _{th}	ESL	SPQ	MOQ	Estimated Weight
					W ± 0.8	H ± 0.8	T ± 0.8	P1 ± 1.0	d ± 0.05									
uF	V				mm	mm	mm	mm	mm	V/us	A	A	mΩ	°C/W	nH	pcs	pcs	g/pcs
18.0	700	FB27E96A0186KC	A	E9	32.0	37.0	22.0	27.5	0.8	65	1170	17.0	4.0	17.2	23	70	840	32
15.0	700	FB37F36A0156KC	A	F3	42.0	32.0	19.0	37.5	1.0	35	525	9.2	13.2	17.9	13	56	2,240	31
Voltage V _{ndc} 800V																		
2.0	800	FB27EC6B0205KC	B	EC	32.0	18.0	9.0	27.5	0.8	65	130	3.9	31.6	41.7	12	180	4,320	7
3.0	800	FB27E16B0305KC	B	E1	32.0	20.0	11.0	27.5	0.8	65	195	5.2	21.1	35.7	14	150	3,600	8
4.0	800	FB27EJ6B0405KC	B	EJ	32.0	24.5	13.0	27.5	0.8	65	260	6.4	15.8	31.3	16	120	2,400	12
5.0	800	FB27EK6B0505KC	B	EK	32.0	24.0	14.0	27.5	0.8	65	325	7.3	12.6	29.4	17	110	2,200	13
5.0	800	FB27E36B0505KC	B	E3	32.0	28.0	14.0	27.5	0.8	65	325	7.5	12.6	27.8	18	110	2,200	16
5.0	800	FB27EE6B0505KC	B	EE	32.0	24.5	15.0	27.5	0.8	65	325	7.4	12.6	28.6	18	110	2,200	13
6.0	800	FB27EL6B0605KC	B	EL	32.0	30.0	16.0	27.5	0.8	65	390	8.5	10.5	26.3	18	100	2,000	19
7.0	800	FB27EL6B0705KC	B	EL	32.0	30.0	16.0	27.5	0.8	65	455	9.2	9.0	26.3	18	100	2,000	19
8.0	800	FB27E46B0805KC	B	E4	32.0	28.0	18.0	27.5	0.8	65	520	10.3	7.9	23.8	19	90	1,800	19
9.0	800	FB27E66B0905KC	B	E6	32.0	33.0	18.0	27.5	0.8	65	585	11.4	7.0	21.7	21	90	1,800	23
10.0	800	FB27E66B0106KC	B	E6	32.0	33.0	18.0	27.5	0.8	65	650	12.1	6.3	21.7	21	90	1,800	23
12.0	800	FB27E96B0126KC	B	E9	32.0	37.0	22.0	27.5	0.8	65	780	14.8	5.3	17.2	23	70	840	32
14.0	800	FB27E96B0146KC	B	E9	32.0	37.0	22.0	27.5	0.8	65	910	16.0	4.5	17.2	23	70	840	32
14.0	800	FB37F36B0146KC	B	F3	42.0	32.0	19.0	37.5	1.0	35	490	9.5	12.3	17.9	13	56	2,240	31
Voltage V _{ndc} 900V																		
1.0	900	FB27EC6C0105KC	C	EC	32.0	18.0	9.0	27.5	0.8	65	65	2.9	56.2	41.7	12	180	4,320	7
2.0	900	FB27E16C0205KC	C	E1	32.0	20.0	11.0	27.5	0.8	65	130	4.5	28.1	35.7	14	150	3,600	8
2.5	900	FB27E26C0255KC	C	E2	32.0	22.0	13.0	27.5	0.8	65	163	5.2	22.5	33.3	15	120	2,400	10
3.0	900	FB27E26C0305KC	C	E2	32.0	22.0	13.0	27.5	0.8	65	195	5.7	18.7	33.3	15	120	2,400	10
3.5	900	FB27EJ6C0355KC	C	EJ	32.0	24.5	13.0	27.5	0.8	65	228	6.3	16.1	31.3	16	120	2,400	12
4.0	900	FB27EE6C0405KC	C	EE	32.0	24.5	15.0	27.5	0.8	65	260	7.1	14.0	28.6	18	110	2,200	13
4.5	900	FB27E36C0455KC	C	E3	32.0	28.0	14.0	27.5	0.8	65	293	7.6	12.5	27.8	18	110	2,200	16
5.5	900	FB27EL6C0555KC	C	EL	32.0	30.0	16.0	27.5	0.8	65	358	8.6	10.2	26.3	18	100	2,000	19
6.0	900	FB27E46C0605KC	C	E4	32.0	28.0	18.0	27.5	0.8	65	390	9.5	9.4	23.8	19	90	1,800	19
7.0	900	FB27E66C0705KC	C	E6	32.0	33.0	18.0	27.5	0.8	65	455	10.7	8.0	21.7	21	90	1,800	23
9.0	900	FB27E96C0905KC	C	E9	32.0	37.0	22.0	27.5	0.8	65	585	13.6	6.2	17.2	23	70	840	32
10.0	900	FB27E96C0106KC	C	E9	32.0	37.0	22.0	27.5	0.8	65	650	14.4	5.6	17.2	23	70	840	32
10.0	900	FB37F36C0106KC	C	F3	42.0	32.0	19.0	37.5	1.0	35	350	8.5	15.4	17.9	13	56	2,240	31
Voltage V _{ndc} 1000V																		
1.0	1000	FB27EC6K0105KC	K	EC	32.0	18.0	9.0	27.5	0.8	65	65	3.1	50.6	41.7	12	180	4,320	7
1.8	1000	FB27E16K0185KC	K	E1	32.0	20.0	11.0	27.5	0.8	65	117	4.5	28.1	35.7	14	150	3,600	8
2.0	1000	FB27E26K0205KC	K	E2	32.0	22.0	13.0	27.5	0.8	65	130	4.9	25.3	33.3	15	120	2,400	10
2.2	1000	FB27E26K0225KC	K	E2	32.0	22.0	13.0	27.5	0.8	65	143	5.1	23.0	33.3	15	120	2,400	10
3.0	1000	FB27EK6K0305KC	K	EK	32.0	24.0	14.0	27.5	0.8	65	195	6.4	16.9	29.4	17	110	2,200	13
3.3	1000	FB27E36K0335KC	K	E3	32.0	28.0	14.0	27.5	0.8	65	215	6.9	15.3	27.8	18	110	2,200	16
4.0	1000	FB27EL6K0405KC	K	EL	32.0	30.0	16.0	27.5	0.8	65	260	7.8	12.6	26.3	18	100	2,000	19
5.0	1000	FB27E46K0505KC	K	E4	32.0	28.0	18.0	27.5	0.8	65	325	9.1	10.1	23.8	19	90	1,800	19
6.0	1000	FB27E66K0605KC	K	E6	32.0	33.0	18.0	27.5	0.8	65	390	10.4	8.4	21.7	21	90	1,800	23
7.0	1000	FB27E96K0705KC	K	E9	32.0	37.0	22.0	27.5	0.8	65	455	12.7	7.2	17.2	23	70	840	32
8.0	1000	FB27E96K0805KC	K	E9	32.0	37.0	22.0	27.5	0.8	65	520	13.5	6.3	17.2	23	70	840	32
7.0	1000	FB37FW6K0705KC	K	FW	42.0	30.0	17.0	37.5	1.0	35	245	7.3	19.8	19.2	12	63	2,520	27
8.0	1000	FB37F36K0805KC	K	F3	42.0	32.0	19.0	37.5	1.0	35	280	8.0	17.3	17.9	13	56	2,240	31
Voltage V _{ndc} 1100V																		
1.0	1100	FB27EC6L0105KC	L	EC	32.0	18.0	9.0	27.5	0.8	65	65	3.2	46.0	41.7	12	180	4,320	7
1.5	1100	FB27E16L0155KC	L	E1	32.0	20.0	11.0	27.5	0.8	65	98	4.3	30.7	35.7	14	150	3,600	8
2.0	1100	FB27E26L0205KC	L	E2	32.0	22.0	13.0	27.5	0.8	65	130	5.1	23.0	33.3	15	120	2,400	10
2.2	1100	FB27EJ6L0225KC	L	EJ	32.0	24.5	13.0	27.5	0.8	65	143	5.5	20.9	31.3	16	120	2,400	12
3.0	1100	FB27E36L0305KC	L	E3	32.0	28.0	14.0	27.5	0.8	65	195	6.9	15.3	27.8	18	110	2,200	16
3.3	1100	FB27EL6L0335KC	L	EL	32.0	30.0	16.0	27.5	0.8	65	215	7.4	13.9	26.3	18	100	2,000	19
4.0	1100	FB27E46L0405KC	L	E4	32.0	28.0	18.0	27.5	0.8	65	260	8.5	11.5	23.8	19	90	1,800	19
4.5	1100	FB27E66L0455KC	L	E6	32.0	33.0	18.0	27.5	0.8	65	293	9.5	10.2	21.7	21	90	1,800	23
5.0	1100	FB27E66L0505KC	L	E6	32.0	33.0	18.0	27.5	0.8	65	325	10.0	9.2	21.7	21	90	1,800	23



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TDS-MDPWR-0006 | Rev 1

— MEDIUM POWER FILM CAPACITORS —

DC FILTERING

FB - Standard 105°C *RoHS Compliant



RATING & PART NUMBER REFERENCE

Cap	Rated Voltage	KAVX PN	Voltage Code	Case Code	Dimensions					dv/dt	Peak	Irms	ESR 10KHz	Rth	ESL	SPQ	MOQ	Estimated Weight
					W ± 0.8	H ± 0.8	T ± 0.8	P1 ± 1.0	d ± 0.05									
uF	V				mm	mm	mm	mm	mm	V/us	A	A	mΩ	°C/W	nH	pcs	pcs	g/pcs
6.0	1100	FB27E96L0605KC	L	E9	32.0	37.0	22.0	27.5	0.8	65	390	12.3	7.7	17.2	23	70	840	32
7.0	1100	FB27E96L0705KC	L	E9	32.0	37.0	22.0	27.5	0.8	65	455	13.3	6.6	17.2	23	70	840	32
7.0	1100	FB37F36L0705KC	L	F3	42.0	32.0	19.0	37.5	1.0	35	245	7.9	18.0	17.9	13	56	2,240	31
Voltage Vndc 1200V																		
Voltage Code P																		
1.0	1200	FB27E16P0105KC	P	E1	32.0	20.0	11.0	27.5	0.8	65	65	3.8	39.1	35.7	14	150	3,600	8
1.2	1200	FB27E16P0125KC	P	E1	32.0	20.0	11.0	27.5	0.8	65	78	4.0	35.1	35.7	14	150	3,600	8
1.5	1200	FB27E26P0155KC	P	E2	32.0	22.0	13.0	27.5	0.8	65	98	4.6	28.1	33.3	15	120	2,400	10
2.0	1200	FB27EJ6P0205KC	P	EJ	32.0	24.5	13.0	27.5	0.8	65	130	5.5	21.1	31.3	16	120	2,400	12
2.2	1200	FB27E36P0225KC	P	E3	32.0	28.0	14.0	27.5	0.8	65	143	6.1	19.2	27.8	18	110	2,200	16
3.0	1200	FB27EL6P0305KC	P	EL	32.0	30.0	16.0	27.5	0.8	65	195	7.4	14.0	26.3	18	100	2,000	19
3.3	1200	FB27E46P0335KC	P	E4	32.0	28.0	18.0	27.5	0.8	65	215	8.1	12.8	23.8	19	90	1,800	19
4.0	1200	FB27E66P0405KC	P	E6	32.0	33.0	18.0	27.5	0.8	65	260	9.3	10.5	21.7	21	90	1,800	23
5.0	1200	FB27E96P0505KC	P	E9	32.0	37.0	22.0	27.5	0.8	65	325	11.7	8.4	17.2	23	70	840	32
4.5	1200	FB37FW6P0455KC	P	FW	42.0	30.0	17.0	37.5	1.0	35	158	6.4	25.6	19.2	12	63	2,520	27
5.5	1200	FB37F36P0555KC	P	F3	42.0	32.0	19.0	37.5	1.0	35	193	7.3	20.9	17.9	13	56	2,240	31

DC FILTERING

FB - THB Grade IIIB - 105°C *RoHS Compliant



CASE CODE

Case Code	Dimensions									
	W ± 0.8(0.03)		H ± 0.8(0.03)		T ± 0.8(0.03)		P1 ± 1.0(0.04)		d ± 0.05(0.002)	
	mm	in	mm	in	mm	in	mm	in	mm	in
EC	32.0	(1.26)	18.0	(0.71)	9.0	(0.35)	27.5	(1.08)	0.8	(0.03)
E1	32.0	(1.26)	20.0	(0.79)	11.0	(0.43)	27.5	(1.08)	0.8	(0.03)
E2	32.0	(1.26)	22.0	(0.87)	13.0	(0.51)	27.5	(1.08)	0.8	(0.03)
EK	32.0	(1.26)	24.0	(0.94)	14.0	(0.55)	27.5	(1.08)	0.8	(0.03)
EJ	32.0	(1.26)	24.5	(0.96)	13.0	(0.51)	27.5	(1.08)	0.8	(0.03)
EE	32.0	(1.26)	24.5	(0.96)	15.0	(0.59)	27.5	(1.08)	0.8	(0.03)
E3	32.0	(1.26)	28.0	(1.10)	14.0	(0.55)	27.5	(1.08)	0.8	(0.03)
E4	32.0	(1.26)	28.0	(1.10)	18.0	(0.71)	27.5	(1.08)	0.8	(0.03)
EL	32.0	(1.26)	30.0	(1.18)	16.0	(0.63)	27.5	(1.08)	0.8	(0.03)
E6	32.0	(1.26)	33.0	(1.30)	18.0	(0.71)	27.5	(1.08)	0.8	(0.03)
E9	32.0	(1.26)	37.0	(1.46)	22.0	(0.87)	27.5	(1.08)	0.8	(0.03)
FV	42.0	(1.65)	28.0	(1.10)	17.0	(0.67)	37.5	(1.48)	1.0	(0.04)
FW	42.0	(1.65)	30.0	(1.18)	17.0	(0.67)	37.5	(1.48)	1.0	(0.04)
F3	42.0	(1.65)	32.0	(1.26)	19.0	(0.75)	37.5	(1.48)	1.0	(0.04)

RATING & PART NUMBER REFERENCE

Cap	Rated Voltage	KAVX PN	Voltage Code	Case Code	Dimensions					dv/dt	Peak	Irms	ESR 10KHz	Rth	ESL	SPQ	MOQ	Estimated Weight
					W ± 0.8	H ± 0.8	T ± 0.8	P1 ± 1.0	d ± 0.05									
uF	V				mm	mm	mm	mm	mm	V/us	A	A	mΩ	°C/W	nH	pcs	pcs	g/pcs
Voltage Vndc 450V																		
3.3	450	FB27EC7I0335KC	I	EC	32.0	18	9.0	27.5	0.8	65	215	4.0	30.7	41.7	12	180	4,320	7
4.0	450	FB27EC7I0405KC	I	EC	32.0	18	9.0	27.5	0.8	65	260	4.4	25.3	41.7	12	180	4,320	7
5.0	450	FB27E17I0505KC	I	E1	32.0	20	11.0	27.5	0.8	65	325	4.9	20.2	35.7	14	150	3,600	8
6.0	450	FB27E17I0605KC	I	E1	32.0	20	11.0	27.5	0.8	65	390	5.8	16.9	35.7	14	150	3,600	8
7.0	450	FB27E27I0705KC	I	E2	32.0	22	13.0	27.5	0.8	65	455	6.2	14.5	33.3	15	120	2,400	10
8.0	450	FB27E27I0805KC	I	E2	32.0	22	13.0	27.5	0.8	65	520	6.9	12.6	33.3	15	120	2,400	10
10.0	450	FB27EJ7I0106KC	I	EJ	32.0	24.5	13.0	27.5	0.8	65	650	8.0	10.1	31.3	16	120	2,400	12
12.0	450	FB27E37I0126KC	I	E3	32.0	28	14.0	27.5	0.8	65	780	9.0	8.4	27.8	18	110	2,200	16
13.0	450	FB27E37I0136KC	I	E3	32.0	28	14.0	27.5	0.8	65	845	9.3	7.8	27.8	18	110	2,200	16
15.0	450	FB27EL7I0156KC	I	EL	32.0	30	16.0	27.5	0.8	65	975	10.6	6.7	26.3	18	100	2,000	19
15.0	450	FB27E47I0156KC	I	E4	32.0	28	18.0	27.5	0.8	65	975	11.2	6.7	23.8	19	90	1,800	19
16.0	450	FB27E47I0166KC	I	E4	32.0	28	18.0	27.5	0.8	65	1040	11.5	6.3	23.8	19	90	1,800	19
18.0	450	FB27E67I0186KC	I	E6	32.0	33	18.0	27.5	0.8	65	1170	12.8	5.6	21.7	21	90	1,800	23
20.0	450	FB27E67I0206KC	I	E6	32.0	33	18.0	27.5	0.8	65	1300	13.5	5.1	21.7	21	90	1,800	23
22.0	450	FB27E97I0226KC	I	E9	32.0	37	22.0	27.5	0.8	65	1430	14.1	4.6	17.2	23	70	840	32
25.0	450	FB27E97I0256KC	I	E9	32.0	37	22.0	27.5	0.8	65	1625	16.9	4.0	17.2	23	70	840	32
28.0	450	FB27E97I0286KC	I	E9	32.0	37	22.0	27.5	0.8	65	1820	17.9	3.6	17.2	23	70	840	32
20.0	450	FB37FV7I0206KC	I	FV	42.0	28	17.0	37.5	1.0	35	700	8.5	13.8	20.0	12	63	2,520	26
25.0	450	FB37F37I0256KC	I	F3	42.0	32	19.0	37.5	1.0	35	875	9.5	11.1	17.9	13	56	2,240	31
Voltage Vndc 500V																		
Voltage Code H																		
3.3	500	FB27EC7H0335KC	H	EC	32.0	18	9.0	27.5	0.8	65	215	4.1	28.4	41.7	12	180	4,320	7
4.0	500	FB27EC7H0405KC	H	EC	32.0	18	9.0	27.5	0.8	65	260	4.5	23.4	41.7	12	180	4,320	7
5.0	500	FB27E17H0505KC	H	E1	32.0	20	11.0	27.5	0.8	65	325	5.5	18.7	35.7	14	150	3,600	8
6.0	500	FB27E17H0605KC	H	E1	32.0	20	11.0	27.5	0.8	65	390	6.0	15.6	35.7	14	150	3,600	8
7.0	500	FB27E27H0705KC	H	E2	32.0	22	13.0	27.5	0.8	65	455	6.7	13.4	33.3	15	120	2,400	10
8.0	500	FB27E27H0805KC	H	E2	32.0	22	13.0	27.5	0.8	65	520	7.2	11.7	33.3	15	120	2,400	10
10.0	500	FB27EJ7H0106KC	H	EJ	32.0	24.5	13.0	27.5	0.8	65	650	8.3	9.4	31.3	16	120	2,400	12
12.0	500	FB27E37H0126KC	H	E3	32.0	28	14.0	27.5	0.8	65	780	9.6	7.8	27.8	18	110	2,200	16
13.0	500	FB27E37H0136KC	H	E3	32.0	28	14.0	27.5	0.8	65	845	10.0	7.2	27.8	18	110	2,200	16

DC FILTERING

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RATING & PART NUMBER REFERENCE

Cap	Rated Voltage	KAVX PN	Voltage Code	Case Code	Dimensions					dv/dt	Peak	Irms	ESR 10KHz	Rth	ESL	SPQ	MOQ	Estimated Weight
					W ± 0.8	H ± 0.8	T ± 0.8	P1 ± 1.0	d ± 0.05									
uF	V				mm	mm	mm	mm	mm	V/us	A	A	mΩ	°C/W	nH	pcs	pcs	g/pcs
15.0	500	FB27EL7H0156KC	H	EL	32.0	30	16.0	27.5	0.8	65	975	11.0	6.2	26.3	18	100	2,000	19
15.0	500	FB27E47H0156KC	H	E4	32.0	28	18.0	27.5	0.8	65	975	11.0	6.2	23.8	19	90	1,800	19
16.0	500	FB27E47H0166KC	H	E4	32.0	28	18.0	27.5	0.8	65	1040	12.0	5.9	23.8	19	90	1,800	19
18.0	500	FB27E67H0186KC	H	E6	32.0	33	18.0	27.5	0.8	65	1170	13.3	5.2	21.7	21	90	1,800	23
20.0	500	FB27E67H0206KC	H	E6	32.0	33	18.0	27.5	0.8	65	1300	14.0	4.7	21.7	21	90	1,800	23
22.0	500	FB27E97H0226KC	H	E9	32.0	37	22.0	27.5	0.8	65	1430	16.5	4.3	17.2	23	70	840	32
25.0	500	FB27E97H0256KC	H	E9	32.0	37	22.0	27.5	0.8	65	1625	17.6	3.7	17.2	23	70	840	32
28.0	500	FB27E97H0286KC	H	E9	32.0	37	22.0	27.5	0.8	65	1820	18.6	3.3	17.2	23	70	840	32
20.0	500	FB37FV7H0206KC	H	FV	42.0	28	17.0	37.5	1.0	35	700	8.8	12.8	20.0	12	63	2,520	26
25.0	500	FB37F37H0256KC	H	F3	42.0	32	19.0	37.5	1.0	35	875	10.5	10.2	17.9	13	56	2,240	31
Voltage Vndc 550V																		
3.0	550	FB27EC7J0305KC	J	EC	32.0	18	9.0	27.5	0.8	65	195	4.1	28.1	41.7	12	180	4,320	7
4.0	550	FB27E17J0405KC	J	E1	32.0	20	11.0	27.5	0.8	65	260	5.2	21.1	35.7	14	150	3,600	8
5.0	550	FB27E27J0505KC	J	E2	32.0	22	13.0	27.5	0.8	65	325	6.0	16.9	33.3	15	120	2,400	10
6.0	550	FB27E27J0605KC	J	E2	32.0	22	13.0	27.5	0.8	65	390	6.5	14.0	33.3	15	120	2,400	10
7.0	550	FB27EK7J0705KC	J	EK	32.0	24	14.0	27.5	0.8	65	455	7.5	12.0	29.4	17	110	2,200	13
8.0	550	FB27EK7J0805KC	J	EK	32.0	24	14.0	27.5	0.8	65	520	8.0	10.5	29.4	17	110	2,200	13
9.0	550	FB27E37J0905KC	J	E3	32.0	28	14.0	27.5	0.8	65	585	8.8	9.4	27.8	18	110	2,200	16
10.0	550	FB27E37J0106KC	J	E3	32.0	28	14.0	27.5	0.8	65	650	9.2	8.4	27.8	18	110	2,200	16
12.0	550	FB27EL7J0126KC	J	EL	32.0	30	16.0	27.5	0.8	65	780	10.4	7.0	26.3	18	100	2,000	19
12.0	550	FB27E47J0126KC	J	E4	32.0	28	18.0	27.5	0.8	65	780	10.9	7.0	23.8	19	90	1,800	19
15.0	550	FB27E67J0156KC	J	E6	32.0	33	18.0	27.5	0.8	65	975	12.8	5.6	21.7	21	90	1,800	23
20.0	550	FB27E97J0206KC	J	E9	32.0	37	22.0	27.5	0.8	65	1300	16.6	4.2	17.2	23	70	840	32
22.0	550	FB27E97J0226KC	J	E9	32.0	37	22.0	27.5	0.8	65	1430	17.4	3.8	17.2	23	70	840	32
Voltage Vndc 600V																		
2.0	600	FB27EC7Q0205KC	Q	EC	32.0	18	9.0	27.5	0.8	65	130	3.6	36.1	41.7	12	180	4,320	7
2.2	600	FB27EC7Q0225KC	Q	EC	32.0	18	9.0	27.5	0.8	65	143	3.8	32.8	41.7	12	180	4,320	7
3.0	600	FB27E17Q0305KC	Q	E1	32.0	20	11.0	27.5	0.8	65	195	4.8	24.1	35.7	14	150	3,600	8
3.3	600	FB27E17Q0335KC	Q	E1	32.0	20	11.0	27.5	0.8	65	215	5.1	21.9	35.7	14	150	3,600	8
4.0	600	FB27E17Q0405KC	Q	E1	32.0	20	11.0	27.5	0.8	65	260	5.6	18.1	35.7	14	150	3,600	8
5.0	600	FB27E27Q0505KC	Q	E2	32.0	22	13.0	27.5	0.8	65	325	6.4	14.5	33.3	15	120	2,400	10
6.0	600	FB27EJ7Q0605KC	Q	EJ	32.0	24.5	13.0	27.5	0.8	65	390	7.3	12.0	31.3	16	120	2,400	12
7.0	600	FB27EE7Q0705KC	Q	EE	32.0	24.5	15.0	27.5	0.8	65	455	8.2	10.3	28.6	18	110	2,200	13
7.0	600	FB27E37Q0705KC	Q	E3	32.0	28	14.0	27.5	0.8	65	455	8.4	10.3	27.8	18	110	2,200	16
8.0	600	FB27E37Q0805KC	Q	E3	32.0	28	14.0	27.5	0.8	65	520	8.9	9.0	27.8	18	110	2,200	16
9.0	600	FB27EL7Q0905KC	Q	EL	32.0	30	16.0	27.5	0.8	65	585	9.7	8.0	26.3	18	100	2,000	19
10.0	600	FB27E47Q0106KC	Q	E4	32.0	28	18.0	27.5	0.8	65	650	10.8	7.2	23.8	19	90	1,800	19
11.0	600	FB27E67Q0116KC	Q	E6	32.0	33	18.0	27.5	0.8	65	715	11.8	6.6	21.7	21	90	1,800	23
12.0	600	FB27E67Q0126KC	Q	E6	32.0	33	18.0	27.5	0.8	65	780	12.4	6.0	21.7	21	90	1,800	23
15.0	600	FB27E97Q0156KC	Q	E9	32.0	37	22.0	27.5	0.8	65	975	15.5	4.8	17.2	23	70	840	32
18.0	600	FB27E97Q0186KC	Q	E9	32.0	37	22.0	27.5	0.8	65	1170	17.0	4.0	17.2	23	70	840	32
15.0	600	FB37F37Q0156KC	Q	F3	42.0	32	19.0	37.5	1.0	35	525	9.2	13.2	17.9	13	56	2,240	31
Voltage Vndc 700V																		
2.0	700	FB27EC7A0205KC	A	EC	32.0	18	9.0	27.5	0.8	65	130	3.6	36.1	41.7	12	180	4,320	7
3.0	700	FB27E17A0305KC	A	E1	32.0	20	11.0	27.5	0.8	65	195	4.8	24.1	35.7	14	150	3,600	8
3.3	700	FB27E17A0335KC	A	E1	32.0	20	11.0	27.5	0.8	65	215	5.1	21.9	35.7	14	150	3,600	8
4.0	700	FB27E17A0405KC	A	E1	32.0	20	11.0	27.5	0.8	65	260	5.6	18.1	35.7	14	150	3,600	8
5.0	700	FB27E27A0505KC	A	E2	32.0	22	13.0	27.5	0.8	65	325	6.4	14.5	33.3	15	120	2,400	10
6.0	700	FB27EJ7A0605KC	A	EJ	32.0	24.5	13.0	27.5	0.8	65	390	7.3	12.0	31.3	16	120	2,400	12
7.0	700	FB27EE7A0705KC	A	EE	32.0	24.5	15.0	27.5	0.8	65	455	8.2	10.3	28.6	18	110	2,200	13
7.0	700	FB27E37A0705KC	A	E3	32.0	28	14.0	27.5	0.8	65	455	8.2	10.3	27.8	18	110	2,200	16
8.0	700	FB27E37A0805KC	A	E3	32.0	28	14.0	27.5	0.8	65	520	8.9	9.0	27.8	18	110	2,200	16
9.0	700	FB27EL7A0905KC	A	EL	32.0	30	16.0	27.5	0.8	65	585	9.7	8.0	26.3	18	100	2,000	19
10.0	700	FB27E47A0106KC	A	E4	32.0	28	18.0	27.5	0.8	65	650	10.8	7.2	23.8	19	90	1,800	19

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RATING & PART NUMBER REFERENCE

Cap	Rated Voltage	KAVX PN	Voltage Code	Case Code	Dimensions					dv/dt	Peak	Irms	ESR 10KHz	Rth	ESL	SPQ	MOQ	Estimated Weight
					W ± 0.8	H ± 0.8	T ± 0.8	P1 ± 1.0	d ± 0.05									
uF	V				mm	mm	mm	mm	mm	V/us	A	A	mΩ	°C/W	nH	pcs	pcs	g/pcs
11.0	700	FB27E67A0116KC	A	E6	32.0	33	18.0	27.5	0.8	65	715	11.8	6.6	21.7	21	90	1,800	23
12.0	700	FB27E67A0126KC	A	E6	32.0	33	18.0	27.5	0.8	65	780	12.4	6.0	21.7	21	90	1,800	23
15.0	700	FB27E97A0156KC	A	E9	32.0	37	22.0	27.5	0.8	65	975	15.5	4.8	17.2	23	70	840	32
18.0	700	FB27E97A0186KC	A	E9	32.0	37	22.0	27.5	0.8	65	1170	17.0	4.0	17.2	23	70	840	32
15.0	700	FB37F37A0156KC	A	F3	42.0	32	19.0	37.5	1.0	35	525	9.2	13.2	17.9	13	56	2,240	31
Voltage Vndc 800V																		
2.0	800	FB27EC7B0205KC	B	EC	32.0	18	9.0	27.5	0.8	65	130	3.9	31.6	41.7	12	180	4,320	7
3.0	800	FB27E17B0305KC	B	E1	32.0	20	11.0	27.5	0.8	65	195	5.2	21.1	35.7	14	150	3,600	8
4.0	800	FB27EJ7B0405KC	B	EJ	32.0	24.5	13.0	27.5	0.8	65	260	6.4	15.8	31.3	16	120	2,400	12
5.0	800	FB27EK7B0505KC	B	EK	32.0	24	14.0	27.5	0.8	65	325	7.3	12.6	29.4	17	110	2,200	13
5.0	800	FB27E37B0505KC	B	E3	32.0	28	14.0	27.5	0.8	65	325	7.5	12.6	27.8	18	110	2,200	16
5.0	800	FB27EE7B0505KC	B	EE	32.0	24.5	15.0	27.5	0.8	65	325	7.4	12.6	28.6	18	110	2,200	13
6.0	800	FB27EL7B0605KC	B	EL	32.0	30	16.0	27.5	0.8	65	390	8.5	10.5	26.3	18	100	2,000	19
7.0	800	FB27EL7B0705KC	B	EL	32.0	30	16.0	27.5	0.8	65	455	9.2	9.0	26.3	18	100	2,000	19
8.0	800	FB27E47B0805KC	B	E4	32.0	28	18.0	27.5	0.8	65	520	10.3	7.9	23.8	19	90	1,800	19
9.0	800	FB27E67B0905KC	B	E6	32.0	33	18.0	27.5	0.8	65	585	11.4	7.0	21.7	21	90	1,800	23
10.0	800	FB27E67B0106KC	B	E6	32.0	33	18.0	27.5	0.8	65	650	12.1	6.3	21.7	21	90	1,800	23
12.0	800	FB27E97B0126KC	B	E9	32.0	37	22.0	27.5	0.8	65	780	14.8	5.3	17.2	23	70	840	32
14.0	800	FB27E97B0146KC	B	E9	32.0	37	22.0	27.5	0.8	65	910	16.0	4.5	17.2	23	70	840	32
14.0	800	FB37F37B0146KC	B	F3	42.0	32	19.0	37.5	1.0	35	490	9.5	12.3	17.9	13	56	2,240	31
Voltage Vndc 900V																		
1.0	900	FB27EC7C0105KC	C	EC	32.0	18	9.0	27.5	0.8	65	65	2.9	56.2	41.7	12	180	4,320	7
2.0	900	FB27E17C0205KC	C	E1	32.0	20	11.0	27.5	0.8	65	130	4.5	28.1	35.7	14	150	3,600	8
2.5	900	FB27E27C0255KC	C	E2	32.0	22	13.0	27.5	0.8	65	163	5.2	22.5	33.3	15	120	2,400	10
3.0	900	FB27E27C0305KC	C	E2	32.0	22	13.0	27.5	0.8	65	195	5.7	18.7	33.3	15	120	2,400	10
3.5	900	FB27EJ7C0355KC	C	EJ	32.0	24.5	13.0	27.5	0.8	65	228	6.3	16.1	31.3	16	120	2,400	12
4.0	900	FB27EE7C0405KC	C	EE	32.0	24.5	15.0	27.5	0.8	65	260	7.1	14.0	28.6	18	110	2,200	13
4.5	900	FB27E37C0455KC	C	E3	32.0	28	14.0	27.5	0.8	65	293	7.6	12.5	27.8	18	110	2,200	16
5.5	900	FB27EL7C0555KC	C	EL	32.0	30	16.0	27.5	0.8	65	358	8.6	10.2	26.3	18	100	2,000	19
6.0	900	FB27E47C0605KC	C	E4	32.0	28	18.0	27.5	0.8	65	390	9.5	9.4	23.8	19	90	1,800	19
7.0	900	FB27E67C0705KC	C	E6	32.0	33	18.0	27.5	0.8	65	455	10.7	8.0	21.7	21	90	1,800	23
9.0	900	FB27E97C0905KC	C	E9	32.0	37	22.0	27.5	0.8	65	585	13.6	6.2	17.2	23	70	840	32
10.0	900	FB27E97C0106KC	C	E9	32.0	37	22.0	27.5	0.8	65	650	14.4	5.6	17.2	23	70	840	32
10.0	900	FB37F37C0106KC	C	F3	42.0	32	19.0	37.5	1.0	35	350	8.5	15.4	17.9	13	56	2,240	31
Voltage Vndc 1000V																		
1.0	1000	FB27EC7K0105KC	K	EC	32.0	18	9.0	27.5	0.8	65	65	3.1	50.6	41.7	12	180	4,320	7
1.8	1000	FB27E17K0185KC	K	E1	32.0	20	11.0	27.5	0.8	65	117	4.5	28.1	35.7	14	150	3,600	8
2.0	1000	FB27E27K0205KC	K	E2	32.0	22	13.0	27.5	0.8	65	130	4.9	25.3	33.3	15	120	2,400	10
2.2	1000	FB27E27K0225KC	K	E2	32.0	22	13.0	27.5	0.8	65	143	5.1	23.0	33.3	15	120	2,400	10
3.0	1000	FB27EK7K0305KC	K	EK	32.0	24	14.0	27.5	0.8	65	195	6.4	16.9	29.4	17	110	2,200	13
3.3	1000	FB27E37K0335KC	K	E3	32.0	28	14.0	27.5	0.8	65	215	6.9	15.3	27.8	18	110	2,200	16
4.0	1000	FB27EL7K0405KC	K	EL	32.0	30	16.0	27.5	0.8	65	260	7.8	12.6	26.3	18	100	2,000	19
5.0	1000	FB27E47K0505KC	K	E4	32.0	28	18.0	27.5	0.8	65	325	9.1	10.1	23.8	19	90	1,800	19
6.0	1000	FB27E67K0605KC	K	E6	32.0	33	18.0	27.5	0.8	65	390	10.4	8.4	21.7	21	90	1,800	23
7.0	1000	FB27E97K0705KC	K	E9	32.0	37	22.0	27.5	0.8	65	455	12.7	7.2	17.2	23	70	840	32
8.0	1000	FB27E97K0805KC	K	E9	32.0	37	22.0	27.5	0.8	65	520	13.5	6.3	17.2	23	70	840	32
7.0	1000	FB37FW7K0705KC	K	FW	42.0	30	17.0	37.5	1.0	35	245	7.3	19.8	19.2	12	63	2,520	27
8.0	1000	FB37F37K0805KC	K	F3	42.0	32	19.0	37.5	1.0	35	280	8.0	17.3	17.9	13	56	2,240	31
Voltage Vndc 1100V																		
1.0	1100	FB27EC7L0105KC	L	EC	32.0	18	9.0	27.5	0.8	65	65	3.2	46.0	41.7	12	180	4,320	7
1.5	1100	FB27E17L0155KC	L	E1	32.0	20	11.0	27.5	0.8	65	98	4.3	30.7	35.7	14	150	3,600	8
2.0	1100	FB27E27L0205KC	L	E2	32.0	22	13.0	27.5	0.8	65	130	5.1	23.0	33.3	15	120	2,400	10
2.2	1100	FB27EJ7L0225KC	L	EJ	32.0	24.5	13.0	27.5	0.8	65	143	5.5	20.9	31.3	16	120	2,400	12
3.0	1100	FB27E37L0305KC	L	E3	32.0	28	14.0	27.5	0.8	65	195	6.9	15.3	27.8	18	110	2,200	16

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RATING & PART NUMBER REFERENCE

Cap	Rated Voltage	KAVX PN	Voltage Code	Case Code	Dimensions					dv/dt	Peak	I _{rms}	ESR 10KHz	R _{th}	ESL	SPQ	MOQ	Estimated Weight
					W ± 0.8	H ± 0.8	T ± 0.8	P1 ± 1.0	d ± 0.05									
uF	V				mm	mm	mm	mm	mm	V/us	A	A	mΩ	°C/W	nH	pcs	pcs	g/pcs
3.3	1100	FB27EL7L0335KC	L	EL	32.0	30	16.0	27.5	0.8	65	215	7.4	13.9	26.3	18	100	2,000	19
4.0	1100	FB27E47L0405KC	L	E4	32.0	28	18.0	27.5	0.8	65	260	8.5	11.5	23.8	19	90	1,800	19
4.5	1100	FB27E67L0455KC	L	E6	32.0	33	18.0	27.5	0.8	65	293	9.5	10.2	21.7	21	90	1,800	23
5.0	1100	FB27E67L0505KC	L	E6	32.0	33	18.0	27.5	0.8	65	325	10.0	9.2	21.7	21	90	1,800	23
6.0	1100	FB27E97L0605KC	L	E9	32.0	37	22.0	27.5	0.8	65	390	12.3	7.7	17.2	23	70	840	32
7.0	1100	FB27E97L0705KC	L	E9	32.0	37	22.0	27.5	0.8	65	455	13.3	6.6	17.2	23	70	840	32
7.0	1100	FB37F37L0705KC	L	F3	42.0	32	19.0	37.5	1.0	35	245	7.9	18.0	17.9	13	56	2,240	31
Voltage V _{ndc} 1200V										Voltage Code P								
1.0	1200	FB27E17P0105KC	P	E1	32.0	20	11.0	27.5	0.8	65	65	3.8	39.1	35.7	14	150	3,600	8
1.2	1200	FB27E17P0125KC	P	E1	32.0	20	11.0	27.5	0.8	65	78	4.0	35.1	35.7	14	150	3,600	8
1.5	1200	FB27E27P0155KC	P	E2	32.0	22	13.0	27.5	0.8	65	98	4.6	28.1	33.3	15	120	2,400	10
2.0	1200	FB27EJ7P0205KC	P	EJ	32.0	24.5	13.0	27.5	0.8	65	130	5.5	21.1	31.3	16	120	2,400	12
2.2	1200	FB27E37P0225KC	P	E3	32.0	28	14.0	27.5	0.8	65	143	6.1	19.2	27.8	18	110	2,200	16
3.0	1200	FB27EL7P0305KC	P	EL	32.0	30	16.0	27.5	0.8	65	195	7.4	14.0	26.3	18	100	2,000	19
3.3	1200	FB27E47P0335KC	P	E4	32.0	28	18.0	27.5	0.8	65	215	8.1	12.8	23.8	19	90	1,800	19
4.0	1200	FB27E67P0405KC	P	E6	32.0	33	18.0	27.5	0.8	65	260	9.3	10.5	21.7	21	90	1,800	23
5.0	1200	FB27E97P0505KC	P	E9	32.0	37	22.0	27.5	0.8	65	325	11.7	8.4	17.2	23	70	840	32
4.5	1200	FB37FW7P0455KC	P	FW	42.0	30	17.0	37.5	1.0	35	158	6.4	25.6	19.2	12	63	2,520	27
5.5	1200	FB37F37P0555KC	P	F3	42.0	32	19.0	37.5	1.0	35	193	7.3	20.9	17.9	13	56	2,240	31

DC FILTERING

FB - THB 2000H 125°C *RoHS Compliant



CASE CODE

Case Code	Dimensions									
	W ± 0.8(0.03)		H ± 0.8(0.03)		T ± 0.8(0.03)		P1 ± 1.0(0.04)		d ± 0.05(0.002)	
	mm	in	mm	in	mm	in	mm	in	mm	in
EC	32.0	(1.26)	18.0	(0.71)	9.0	(0.35)	27.5	(1.08)	0.8	(0.03)
E1	32.0	(1.26)	20.0	(0.79)	11.0	(0.43)	27.5	(1.08)	0.8	(0.03)
E2	32.0	(1.26)	22.0	(0.87)	13.0	(0.51)	27.5	(1.08)	0.8	(0.03)
EK	32.0	(1.26)	24.0	(0.94)	14.0	(0.55)	27.5	(1.08)	0.8	(0.03)
EJ	32.0	(1.26)	24.5	(0.96)	13.0	(0.51)	27.5	(1.08)	0.8	(0.03)
EE	32.0	(1.26)	24.5	(0.96)	15.0	(0.59)	27.5	(1.08)	0.8	(0.03)
E3	32.0	(1.26)	28.0	(1.10)	14.0	(0.55)	27.5	(1.08)	0.8	(0.03)
E4	32.0	(1.26)	28.0	(1.10)	18.0	(0.71)	27.5	(1.08)	0.8	(0.03)
EL	32.0	(1.26)	30.0	(1.18)	16.0	(0.63)	27.5	(1.08)	0.8	(0.03)
E6	32.0	(1.26)	33.0	(1.30)	18.0	(0.71)	27.5	(1.08)	0.8	(0.03)
E9	32.0	(1.26)	37.0	(1.46)	22.0	(0.87)	27.5	(1.08)	0.8	(0.03)
FV	42.0	(1.65)	28.0	(1.10)	17.0	(0.67)	37.5	(1.48)	1.0	(0.04)
FW	42.0	(1.65)	30.0	(1.18)	17.0	(0.67)	37.5	(1.48)	1.0	(0.04)
F3	42.0	(1.65)	32.0	(1.26)	19.0	(0.75)	37.5	(1.48)	1.0	(0.04)

RATING & PART NUMBER REFERENCE

Cap	Rated Voltage	KAVX PN	Voltage Code	Case Code	Dimensions					dv/dt	Peak	Irms	ESR 10KHz	Rth	ESL	SPQ	MOQ	Estimated Weight
					W ± 0.8	H ± 0.8	T ± 0.8	P1 ± 1.0	d ± 0.05									
uF	V				mm	mm	mm	mm	mm	V/us	A	A	mΩ	°C/W	nH	pcs	pcs	g/pcs
Voltage Code I Vndc at 85°C = 450Vdc; Vop105 at 105°C = 351Vdc; Vop115 at 115°C = 301Vdc; Vop125 at 125°C = 252Vdc																		
3.3	450	FB27EC8I0335KC	I	EC	32.0	18	9.0	27.5	0.8	65	215	4.7	22.1	41.7	12	180	4,320	7
4.0	450	FB27EC8I0405KC	I	EC	32.0	18	9.0	27.5	0.8	65	260	5.1	18.2	41.7	12	180	4,320	7
5.0	450	FB27E18I0505KC	I	E1	32.0	20	11.0	27.5	0.8	65	325	6.2	14.6	35.7	14	150	3,600	8
6.0	450	FB27E18I0605KC	I	E1	32.0	20	11.0	27.5	0.8	65	390	6.8	12.1	35.7	14	150	3,600	8
7.0	450	FB27E28I0705KC	I	E2	32.0	22	13.0	27.5	0.8	65	455	7.6	10.4	33.3	15	120	2,400	10
8.0	450	FB27E28I0805KC	I	E2	32.0	22	13.0	27.5	0.8	65	520	8.1	9.1	33.3	15	120	2,400	10
10.0	450	FB27EJ8I0106KC	I	EJ	32.0	24.5	13.0	27.5	0.8	65	650	9.4	7.3	31.3	16	120	2,400	12
12.0	450	FB27E38I0126KC	I	E3	32.0	28	14.0	27.5	0.8	65	780	10.9	6.1	27.8	18	110	2,200	16
13.0	450	FB27E38I0136KC	I	E3	32.0	28	14.0	27.5	0.8	65	845	11.3	5.6	27.8	18	110	2,200	16
15.0	450	FB27EL8I0156KC	I	EL	32.0	30	16.0	27.5	0.8	65	975	12.5	4.9	26.3	18	100	2,000	19
15.0	450	FB27E48I0156KC	I	E4	32.0	28	18.0	27.5	0.8	65	975	12.7	5.2	23.8	19	90	1,800	19
16.0	450	FB27E48I0166KC	I	E4	32.0	28	18.0	27.5	0.8	65	1040	13.6	4.6	23.8	19	90	1,800	19
18.0	450	FB27E68I0186KC	I	E6	32.0	33	18.0	27.5	0.8	65	1170	14.6	4.3	21.7	21	90	1,800	23
20.0	450	FB27E68I0206KC	I	E6	32.0	33	18.0	27.5	0.8	65	1300	15.4	3.9	21.7	21	90	1,800	23
22.0	450	FB27E98I0226KC	I	E9	32.0	37	22.0	27.5	0.8	65	1430	16.5	4.3	17.2	23	70	840	32
25.0	450	FB27E98I0256KC	I	E9	32.0	37	22.0	27.5	0.8	65	1625	17.6	3.7	17.2	23	70	840	32
28.0	450	FB27E98I0286KC	I	E9	32.0	37	22.0	27.5	0.8	65	1820	18.6	3.3	17.2	23	70	840	32
20.0	450	FB37FV8I0206KC	I	FV	42.0	28	17.0	37.5	1.0	35	700	10.9	8.4	20.0	12	63	1,260	26
25.0	450	FB37F38I0256KC	I	F3	42.0	32	19.0	37.5	1.0	35	875	12.9	6.8	17.9	13	56	1,120	31
Voltage Code Q Vndc at 85°C = 600Vdc; Vop105 at 105°C = 468Vdc; Vop115 at 115°C = 402Vdc; Vop125 at 125°C = 336Vdc																		
2.0	600	FB27EC8Q0205KC	Q	EC	32.0	18	9.0	27.5	0.8	65	130	4.1	28.1	41.7	12	180	4,320	7
2.2	600	FB27EC8Q0225KC	Q	EC	32.0	18	9.0	27.5	0.8	65	143	4.3	25.5	41.7	12	180	4,320	7
3.0	600	FB27E18Q0305KC	Q	E1	32.0	20	11.0	27.5	0.8	65	195	5.5	18.7	35.7	14	150	3,600	8
3.3	600	FB27E18Q0335KC	Q	E1	32.0	20	11.0	27.5	0.8	65	195	5.7	17.0	35.7	14	150	3,600	8
4.0	600	FB27E18Q0405KC	Q	E1	32.0	20	11.0	27.5	0.8	65	260	6.3	14.0	35.7	14	150	3,600	8
5.0	600	FB27E28Q0505KC	Q	E2	32.0	22	13.0	27.5	0.8	65	325	7.3	11.2	33.3	15	120	2,400	10
6.0	600	FB27EJ8Q0605KC	Q	EJ	32.0	24.5	13.0	27.5	0.8	65	390	8.3	9.4	31.3	16	120	2,400	12
7.0	600	FB27EE8Q0705KC	Q	EE	32.0	24.5	15.0	27.5	0.8	65	455	9.3	8.0	28.6	18	110	2,200	13
7.0	600	FB27E38Q0705KC	Q	E3	32.0	28	14.0	27.5	0.8	65	520	9.5	8.0	27.8	18	110	2,200	16

DC FILTERING

FB - THB 2000H 125°C *RoHS Compliant



RATING & PART NUMBER REFERENCE

Cap	Rated Voltage	KAVX PN	Voltage Code	Case Code	Dimensions					dv/dt	Peak	Irms	ESR 10KHz	Rth	ESL	SPQ	MOQ	Estimated Weight
					W ± 0.8	H ± 0.8	T ± 0.8	P1 ± 1.0	d ± 0.05									
uF	V				mm	mm	mm	mm	mm	V/us	A	A	mΩ	°C/W	nH	pcs	pcs	g/pcs
8.0	600	FB27E38Q0805KC	Q	E3	32.0	28	14.0	27.5	0.8	65	520	10.1	7.0	27.8	18	110	2,200	16
9.0	600	FB27EL8Q0905KC	Q	EL	32.0	30	16.0	27.5	0.8	65	585	11.0	6.2	26.3	18	100	2,000	19
10.0	600	FB27E48Q0106KC	Q	E4	32.0	28	18.0	27.5	0.8	65	650	12.2	5.6	23.8	19	90	1,800	19
11.0	600	FB27E68Q0116KC	Q	E6	32.0	33	18.0	27.5	0.8	65	715	13.4	5.1	21.7	21	90	1,800	23
12.0	600	FB27E68Q0126KC	Q	E6	32.0	33	18.0	27.5	0.8	65	780	14.0	4.7	21.7	21	90	1,800	23
15.0	600	FB27E98Q0156KC	Q	E9	32.0	37	22.0	27.5	0.8	65	975	15.5	4.8	17.2	23	70	840	32
18.0	600	FB27E98Q0186KC	Q	E9	32.0	37	22.0	27.5	0.8	65	1170	17.0	4.0	17.2	23	70	840	32
15.0	600	FB37F38Q0156KC	Q	F3	42.0	32	19.0	37.5	1.0	35	525	11.4	8.7	17.9	13	56	1,120	31
Voltage Code A Vndc at 85°C = 700Vdc; Vop105 at 105°C = 546Vdc; Vop115 at 115°C = 469Vdc; Vop125 at 125°C = 392Vdc																		
2.0	700	FB27EC8A0205KC	A	EC	32.0	18	9.0	27.5	0.8	65	130	4.4	24.6	41.7	12	180	4,320	7
3.0	700	FB27E18A0305KC	A	E1	32.0	20	11.0	27.5	0.8	65	195	5.8	16.4	35.7	14	150	3,600	8
4.0	700	FB27EJ8A0405KC	A	EJ	32.0	24.5	13.0	27.5	0.8	65	260	7.2	12.3	31.3	16	120	2,400	12
5.0	700	FB27EK8A0505KC	A	EK	32.0	24	14.0	27.5	0.8	65	325	8.3	9.8	29.4	17	110	2,200	13
5.0	700	FB27E38A0505KC	A	E3	32.0	28	14.0	27.5	0.8	65	325	8.6	9.8	27.8	18	110	2,200	16
5.0	700	FB27EE8A0505KC	A	EE	32.0	24.5	15.0	27.5	0.8	65	325	8.4	9.8	28.6	18	110	2,200	13
6.0	700	FB27EL8A0605KC	A	EL	32.0	30	16.0	27.5	0.8	65	390	9.6	8.2	26.3	18	100	2,000	19
7.0	700	FB27EL8A0705KC	A	EL	32.0	30	16.0	27.5	0.8	65	455	10.4	7.0	26.3	18	100	2,000	19
8.0	700	FB27E48A0805KC	A	E4	32.0	28	18.0	27.5	0.8	65	520	11.7	6.1	23.8	19	90	1,800	19
9.0	700	FB27E68A0905KC	A	E6	32.0	33	18.0	27.5	0.8	65	585	13.0	5.5	21.7	21	90	1,800	23
10.0	700	FB27E68A0106KC	A	E6	32.0	33	18.0	27.5	0.8	65	650	13.7	4.9	21.7	21	90	1,800	23
12.0	700	FB27E98A0126KC	A	E9	32.0	37	22.0	27.5	0.8	65	780	14.8	5.3	17.2	23	70	840	32
14.0	700	FB27E98A0146KC	A	E9	32.0	37	22.0	27.5	0.8	65	910	16.0	4.5	17.2	23	70	840	32
14.0	700	FB37F38A0146KC	A	F3	42.0	32	19.0	37.5	1.0	35	490	11.7	8.1	17.9	13	56	1,120	31
Voltage Code C Vndc at 85°C = 900Vdc; Vop105 at 105°C = 702Vdc; Vop115 at 115°C = 603Vdc; Vop125 at 125°C = 504Vdc																		
1.0	900	FB27EC8C0105KC	C	EC	32.0	18	9.0	27.5	0.8	65	65	3.5	39.3	41.7	12	180	4,320	7
1.8	900	FB27E18C0185KC	C	E1	32.0	20	11.0	27.5	0.8	65	117	5.1	21.9	35.7	14	150	3,600	8
2.0	900	FB27E28C0205KC	C	E2	32.0	22	13.0	27.5	0.8	65	130	5.5	19.7	33.3	15	120	2,400	10
2.2	900	FB27E28C0225KC	C	E2	32.0	22	13.0	27.5	0.8	65	143	5.8	17.9	33.3	15	120	2,400	10
3.0	900	FB27EK8C0305KC	C	EK	32.0	24	14.0	27.5	0.8	65	195	7.2	13.1	29.4	17	110	2,200	13
3.3	900	FB27E38C0335KC	C	E3	32.0	28	14.0	27.5	0.8	65	215	7.8	11.9	27.8	18	110	2,200	16
4.0	900	FB27EL8C0405KC	C	EL	32.0	30	16.0	27.5	0.8	65	260	8.8	9.8	26.3	18	100	2,000	19
5.0	900	FB27E48C0505KC	C	E4	32.0	28	18.0	27.5	0.8	65	325	10.3	7.9	23.8	19	90	1,800	19
6.0	900	FB27E68C0605KC	C	E6	32.0	33	18.0	27.5	0.8	65	390	11.8	6.6	21.7	21	90	1,800	23
7.0	900	FB27E98C0705KC	C	E9	32.0	37	22.0	27.5	0.8	65	455	12.7	7.2	17.2	23	70	840	32
8.0	900	FB27E98C0805KC	C	E9	32.0	37	22.0	27.5	0.8	65	520	13.5	6.3	17.2	23	70	840	32
7.0	900	FB37FW8C0705KC	C	FW	42.0	29	17.0	37.5	1.0	35	245	8.9	13.0	19.2	12	63	1,260	27
8.0	900	FB37F38C0805KC	C	F3	42.0	32	19.0	37.5	1.0	35	280	9.9	11.4	17.9	13	56	1,120	31
Voltage Code L Vndc at 85°C = 1100Vdc; Vop105 at 105°C = 858Vdc; Vop115 at 115°C = 737Vdc; Vop125 at 125°C = 616Vdc																		
1.0	1100	FB27E18L0105KC	L	E1	32.0	20	11.0	27.5	0.8	65	65	4.5	27.3	35.7	14	150	3,600	8
1.2	1100	FB27E18L0125KC	L	E1	32.0	20	11.0	27.5	0.8	65	78	4.5	27.3	35.7	14	150	3,600	8
1.5	1100	FB27E28L0155KC	L	E2	32.0	22	13.0	27.5	0.8	65	98	5.2	21.9	33.3	15	120	2,400	10
2.0	1100	FB27EJ8L0205KC	L	EJ	32.0	24.5	13.0	27.5	0.8	65	130	6.2	16.4	31.3	16	120	2,400	12
2.2	1100	FB27E38L0225KC	L	E3	32.0	28	14.0	27.5	0.8	65	143	7.0	14.9	27.8	18	110	2,200	16
3.0	1100	FB27EL8L0305KC	L	EL	32.0	30	16.0	27.5	0.8	65	195	8.3	10.9	26.3	18	100	2,000	19
3.3	1100	FB27E48L0335KC	L	E4	32.0	28	18.0	27.5	0.8	65	215	9.2	9.9	23.8	19	90	1,800	19
4.0	1100	FB27E68L0405KC	L	E6	32.0	33	18.0	27.5	0.8	65	260	10.6	8.2	21.7	21	90	1,800	23
5.0	1100	FB27E98L0505KC	L	E9	32.0	37	22.0	27.5	0.8	65	325	13.3	6.6	17.2	23	70	840	32
4.5	1100	FB37FW8L0455KC	L	FW	42.0	29	17.0	37.5	1.0	35	158	7.8	16.9	19.2	12	63	1,260	27
5.5	1100	FB37F38L0555KC	L	F3	42.0	32	19.0	37.5	1.0	35	193	9.0	13.8	17.9	13	56	1,120	31

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