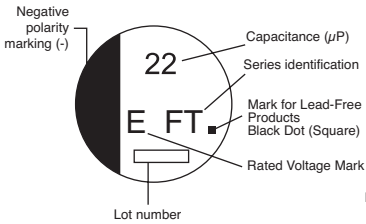


PANASONIC SMD Aluminum Electrolytics

Panasonic

RoHS Compliant This product is RoHS compliant.

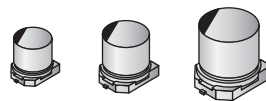
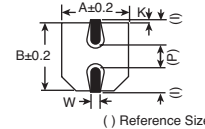
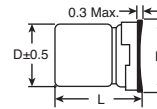
Marking



Rated Voltage Mark

I	6.3 V
A	10 V
C	16 V
E	25 V
V	35 V
H	50 V

DIMENSIONS: mm (in.) not to scale



Size Code	D	L	A, B	H Max.	I	W	P	K
B	4.0	5.8	4.3	5.5	1.8	0.65±0.1	1.0	0.35-0.20 to +0.15
C	5.0	5.8	5.3	6.5	2.2	0.65±0.1	1.5	0.35±0.20 to +0.15
D	6.3	5.8	6.6	7.8	2.6	0.65±0.1	1.8	0.35±0.20 to +0.15
DB	6.3	7.7	6.6	7.8	2.6	0.65±0.1	1.8	0.35±0.20 to +0.15
E	8.0	6.2	8.3	9.5	3.4	0.65±0.1	2.2	0.35±0.20 to +0.15
F	8.0	10.2	8.3	10.0	3.4	0.90±0.2	3.1	0.70±0.20
G	10.0	10.2	10.3	12.0	3.5	0.90±0.2	4.6	0.70±0.20

SMD FT SERIES, TYPE V

Specifications:

- Category Temp. Range: -55°C to +105°C
- Capacitance Tolerance: ±20% (120Hz/+20°C)
- DC Leakage Current: I < 0.01 CV After 2 minutes

Features:

- Endurance: 2000h at 105°C
- Miniaturized, Low ESR (1 size smaller than series FK)
- Vibration-proof product is available upon request. (φ8 -)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Value (µF)	Volt. (VDC)	Case Size (mm)		Ripple Curr. 100KHz mA r.m.s.	E.S.R. 100 KHz Ω	Price Each		
Mfr.	Mfr. Part No.			Dia.	Length			1	100	500
667—EEE-FT1H100UAR		10	50	4	5.8	85	2.30	.70	.249	.213
667—EEE-FT1H100AR		10	50	5	5.8	165	0.88	.63	.26	.236
667—EEE-FT1E220AR		22	25	4	5.8	160	0.85	.70	.249	.213
667—EEE-FT1V220AR		22	35	4	5.8	160	0.85	.70	.249	.213
667—EEE-FT1H220AR		22	50	5	5.8	165	0.88	.63	.26	.236
667—EEE-FT1E330AR		33	25	4	5.8	160	0.85	.70	.249	.213
667—EEE-FT1V330AR		33	35	5	5.8	240	0.36	.63	.26	.236
667—EEE-FTC331XAP		47	16	4	5.8	160	0.85	.47	.325	.295
667—EEE-FT1E470AR		47	25	5	5.8	240	0.36	.63	.26	.236
667—EEE-FT1V470AR		47	35	5	5.8	240	0.36	.63	.26	.236
667—EEE-FT1H470AP		47	50	6.3	5.8	195	0.68	.81	.332	.302
667—EEE-FT1C101AR		68	10	4	5.8	160	0.85	.25	.174	.158
667—EEE-FTA471XAP		68	16	5	5.8	240	0.36	.47	.325	.295
667—EEE-FT1E680AR		68	25	5	5.8	240	0.36	.63	.26	.236
667—EEE-FT1V680AP		68	35	6.3	5.8	300	0.26	.81	.332	.302
667—EEE-FT1C681AP		100	16	5	5.8	240	0.36	.62	.432	.393
667—EEE-FT1E101AP		100	25	6.3	5.8	300	0.26	.81	.332	.302
667—EEE-FT1V101AP		100	35	6.3	5.8	300	0.26	.81	.332	.302
667—EEE-FT1H101XAP		100	50	6.3	7.7	350	0.34	.92	.457	.362
667—EEE-FT1A151AR		150	10	5	5.8	240	0.36	.25	.174	.158
667—EEE-FT1A102AP		150	16	6.3	5.8	300	0.26	.62	.432	.393

PRODUCT NEW

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Value (µF)	Volt. (VDC)	Case Size (mm)		Ripple Curr. 100KHz mA r.m.s.	E.S.R. 100 KHz Ω	Price Each		
Mfr.	Mfr. Part No.			Dia.	Length			1	100	500
667—EEE-FTE151XAP		150	25	6.3	7.7	600	0.16	.92	.457	.362
667—EEE-FTV151XAP		150	35	6.3	7.7	600	0.16	.92	.457	.362
667—EEE-FT1A680AR		220	6.3	5	5.8	240	0.36	.21	.146	.133
667—EEE-FT1C151AP		220	10	6.3	5.8	300	0.26	.32	.221	.201
667—EEE-FT1C102AP		220	16	6.3	5.8	300	0.26	.89	.624	.567
667—EEE-FTE221XAP		220	25	6.3	7.7	600	0.16	.92	.457	.362
667—EEE-FT1H221AP		220	50	8	10.2	670	0.18	1.10	.589	.354
667—EEE-FT0J221AR		330	10	6.3	7.7	600	0.16	.25	.174	.158
667—EEE-FT0J152AP		330	16	6.3	7.7	600	0.16	.62	.432	.393
667—EEE-FT1V331AP		330	35	8	10.2	850	0.08	1.10	.589	.354
667—EEE-FT1H331AP		330	50	10	10.2	900	0.12	1.42	.821	.482
667—EEE-FT1A221AP		470	10	6.3	7.7	600	0.16	.32	.221	.201
667—EEE-FT1E471AP		470	25	8	10.2	850	0.08	1.10	.589	.354
667—EEE-FT1V561AP		560	35	10	10.2	1190	0.06	1.42	.821	.482
667—EEE-FT1V680AP		680	16	8	10.2	850	0.08	.89	.624	.567
667—EEE-FT1E821AP		820	25	10	10.2	1190	0.06	1.42	.821	.482
667—EEE-FT1C221AP		1000	10	8	10.2	850	0.08	.32	.221	.201
667—EEE-FT1V101AP		1000	16	10	10.2	1190	0.06	.89	.624	.567
667—EEE-FT1C680AR		1500	6.3	8	10.2	850	0.08	.25	.174	.158
667—EEE-FTA331XAP		1500	10	10	10.2	1190	0.06	.47	.325	.295
667—EEE-FT0J101AR		2200	6.3	10	10.2	1190	0.06	.21	.146	.133

SMD FC SERIES, TYPE V

Specifications:

- Category Temp. Range: -40°C to +105°C
- Capacitance Tolerance: ±20% (120Hz/+20°C)
- DC Leakage Current: I ≤ 0.01 CV or 3 (µA) After 2 minutes (Whichever is greater)

Features:

- Endurance: 1000h at 105°C
- Low impedance (1/2 for HA series)
- Vibration-proof product is available upon request (φ8 ≤)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Value (µF)	Volt. (VDC)	Case Size (mm)		Ripple Curr. 100KHz mA r.m.s.	E.S.R. 100 KHz Ω	Price Each		
Mfr.	Mfr. Part No.			Dia.	Length			1	100	500
667—EEE-FC0J220AR		22	6.3	4.0	5.4	60	0.26	.52	.248	.158
667—EEE-FC0J470AR		47	6.3	5.0	5.4	95	0.26	.62	.295	.188
667—EEE-FC0J680AP		68	6.3	6.3	5.4	140	0.26	.73	.348	.222
667—EEE-FC0J101AP		100	6.3	6.3	5.4	140	0.26	.73	.348	.222
667—EEE-FC0J221AP		220	6.3	8.0	6.2	230	0.26	.91	.478	.342
667—EEE-FC0J331AP		330	6.3	8.0	10.2	450	0.26	.92	.531	.275
667—EEE-FC0J152AP		1500	6.3	10	10.2	670	0.26	1.07	.655	.336
667—EEE-FC1A330AR		33	10	5.0	5.4	95	0.19	.62	.295	.188
667—EEE-FC1A101AP		100	10	8.0	6.2	230	0.19	.91	.478	.342
667—EEE-FC1A151AP		150	10	8.0	6.2	230	0.19	.91	.478	.342
667—EEE-FC1A221AP		220	10	8.0	10.2	450	0.19	.92	.531	.275
667—EEE-FC1A471AP		470	10	10	10.2	670	0.19	1.08	.622	.323
667—EEE-FC1A102AP		1000	10	10	10.2	670	0.19	1.08	.622	.323
667—EEE-FC1C100AR		10	16	4.0	5.4	60	0.16	.52	.248	.158
667—EEE-FC1C220AR		22	16	5.0	5.4	95	0.16	.62	.295	.188
667—EEE-FC1C470AP		47	16	6.3	5.4	140	0.16	.73	.348	.222
667—EEE-FC1C680AP		68	16	8.0	6.2	230	0.16	.91	.478	.342
667—EEE-FC1C101AP		100	16	8.0	6.2	230	0.16	.91	.478	.342
667—EEE-FC1C221AP		220	16	10	10.2	670	0.16	1.08	.622	.323
667—EEE-FC1C331AP		330	16	10	10.2	670	0.16	1.08	.622	.323
667—EEE-FC1C471AP		470	16	10	10.2	670	0.16	1.08	.622	.323

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Value (µF)	Volt. (VDC)	Case Size (mm)		Ripple Curr. 100KHz mA r.m.s.	E.S.R. 100 KHz Ω	Price Each		
Mfr.	Mfr. Part No.			Dia.	Length			1	100	500
667—EEE-FC1C681AP		680	16	10	10.2	670	0.16	1.07	.655	.336
667—EEE-FC1E680AR		6.8	25	4.0	5.4	60	0.14	.52	.248	.158
667—EEE-FC1E220AP		22	25	6.3	5.4	140	0.14	.73	.348	.222
667—EEE-FC1E330AP		33	25	6.3	5.4	140	0.14	.73	.348	.222
667—EEE-FC1E470AP		47	25	8.0	6.2	230	0.14	.91	.478	.342
667—EEE-FC1E680AP		68	25	8.0	10.2	450	0.14	.92	.531	.275
667—EEE-FC1E101AP		100	25	8.0	10.2	450	0.14	.92	.531	.275
667—EEE-FC1E221AP		220	25	10	10.2	670	0.14	1.08	.622	.323
667—EEE-FC1E331AP		330	25	10	10.2	670	0.14	1.08	.622	.323
667—EEE-FC1E471AP		470	25	10	10.2	670	0.14	1.07	.655	.336
667—EEE-FC1V1R0AR		1.0	35	4.0	5.4	60	0.12	.52	.248	.158
667—EEE-FC1V2R2AR		2.2	35	4.0	5.4	60	0.12	.52	.248	.158
667—EEE-FC1V3R3AR		3.3	35	4.0	5.4	60	0.12	.52	.248	.158
667—EEE-FC1V4R7AR		4.7	35	4.0	5.4	60	0.12	.52	.248	.158
667—EEE-FC1V6R8AR		6.8	35	5.0	5.4	95	0.12	.62	.295	.188
667—EEE-FC1V100AR		10	35	5.0	5.4	95	0.12	.62	.295	.188
667—EEE-FC1V300AP		33	35	8.0	6.2	230	0.12	.91	.478	.342
667—EEE-FC1V101AP		100	35	10	10.2	670	0.12	1.08	.622	.323
667—EEE-FC1V221AP		220	35	10	10.2	670	0.12	1.08	.622	.323
667—EEE-FC1V331AP		330	35	10	10.2	670	0.12	1.07	.655	.336