

**Features:**

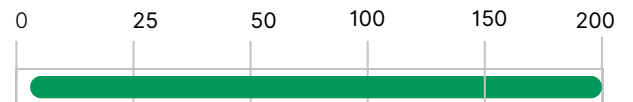
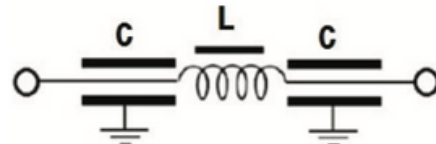
- Wide Capacitance range 10nF to 4700nF
- High contact reliability
- Easy to install.

**Applications:**

- Broadband interference suppression for shielded rooms
- Telephone exchanges, base stations
- Electrical machines and systems.


**Performance Indicator:**

Standard	High	Very High
	<div style="width: 100%; height: 10px; background-color: green;"></div>	

**Rated Current (A):**

**Type Circuit Diagram:**

**DATASHEET**
**FEEDTHROUGH FILTERS-FTFAC**

Feedthrough filter Provide high attenuation across broad frequency range, extending up to 1 GHz. they are available in wide selection of capacitance values and are offered with diverse Mounting configurations and Termination options to suit various applicatiion Requirement .

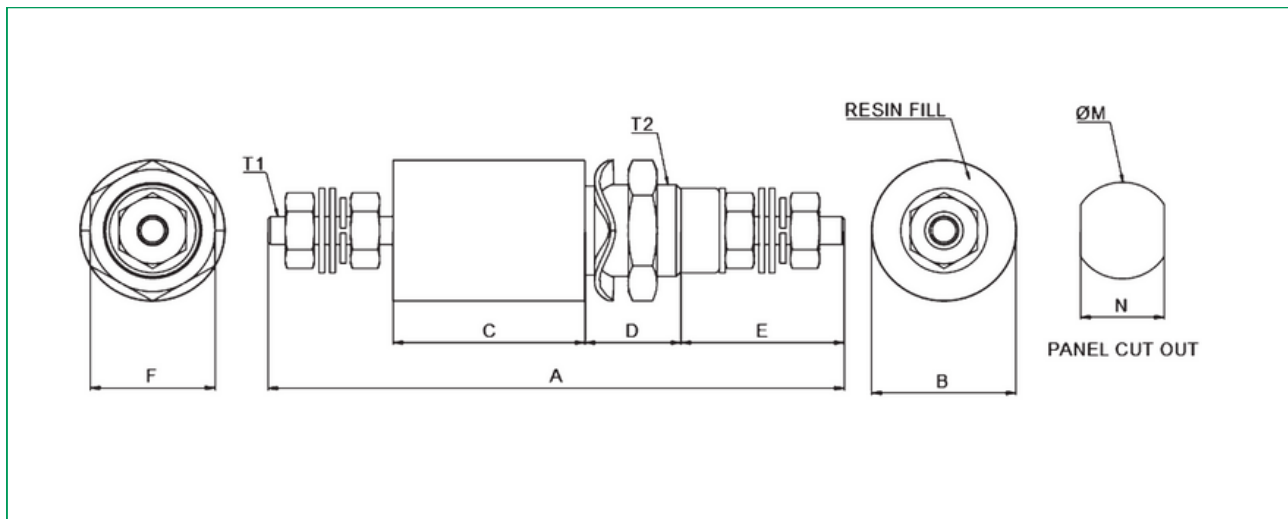
**Technical Specifications:**

Maximum Continuous Operating Voltage	:250 VAC
Operating Frequency	:50/60 Hz
Current ratings	:6 A to 200 A @60° C
High Potential test voltage	:3000 VDC Line to Case For 2 sec
Capacitance Class	:Y2
Design Corresponding to	:UL 60939-3, IEC 60939-1&2, CSA C22.2 No.8
Flammability corresponding to	:UL 94 V-1 or Better
Temperature range	:-40°C to +100°C
Climatic Category	:40/100/21

## Ordering Information

Model Number	Part Number	Current Rating @60°C(A)	Leakage Current @250 VAC/50Hz (mA)	Capacitance (nF) ±20%	Min.Weight (kg)
FTFAC-0010N-010A	E106685-1	10	2	10	0.4
FTFAC-0022N-016A	E106686-1	16	4.5	22	0.5
FTFAC-0022N-032A	E106687-1	32	4.5	22	0.5
FTFAC-0047N-010A	E106688-1	10	10	47	0.5
FTFAC-0100N-016A	E106689-1	16	20	100	0.5
FTFAC-0100N-032A	E106690-1	32	20	100	0.5
FTFAC-0100N-075A	E106691-1	75	20	100	0.8
FTFAC-0150N-063A	E109822-1	63	32	150	0.8
FTFAC-0220N-130A	E112666-1	130	50	220	0.7
FTFAC-0470N-010A	E110090-1	10	90	470	1.0
FTFAC-0470N-016A	E110091-1	16	90	470	1.5
FTFAC-0470N-025A	E106692-1	25	90	470	1.5
FTFAC-0470N-032A	E110092-1	32	90	470	1.5
FTFAC-0470N-063A	E106693-1	63	90	470	2.0
FTFAC-0470N-075A	E106694-1	75	90	470	2.0
FTFAC-0470N-100A	E106695-1	100	90	470	2.0
FTFAC-0470N-130A	E112667-1	130	90	470	0.4
FTFAC-0470N-200A	E106696-1	200	90	470	3.5
FTFAC-1000N-010A	E110093-1	10	190	1000	1.5
FTFAC-1000N-016A	E110094-1	16	190	1000	1.5
FTFAC-1000N-025A	E106700-1	25	190	1000	1.5
FTFAC-1000N-032A	E110095-1	32	190	1000	1.5
FTFAC-1000N-063A	E106701-1	63	190	1000	3.5
FTFAC-1000N-075A	E106702-1	75	190	1000	3.5
FTFAC-1000N-100A	E106703-1	100	190	1000	3.5
FTFAC-1000N-200A	E106704-1	200	190	1000	3.5
FTFAC-2200N-010A	E110096-1	10	420	2200	1.5
FTFAC-2200N-016A	E110097-1	16	420	2200	1.5
FTFAC-2200N-032A	E110098-1	32	420	2200	3.5
FTFAC-2200N-063A	E106708-1	63	420	2200	3.5
FTFAC-2200N-075A	E109823-1	75	420	2200	3.5
FTFAC-2200N-100A	E106709-1	100	420	2200	3.5
FTFAC-2200N-200A	E106710-1	200	420	2200	3.5
FTFAC-3300N-010A	E110099-1	10	630	3300	3.5
FTFAC-3300N-016A	E110100-1	16	630	3300	3.5
FTFAC-3300N-032A	E110101-1	32	630	3300	3.5
FTFAC-3300N-063A	E110102-1	63	630	3300	3.5
FTFAC-3300N-100A	E110103-1	100	630	3300	3.5
FTFAC-3300N-200A	E110104-1	200	630	3300	3.5
FTFAC-4700N-063A	E106714-1	63	890	4700	3.5
FTFAC-4700N-100A	E106715-1	100	890	4700	3.5
FTFAC-4700N-200A	E106716-1	200	890	4700	3.5

## Mechanical Information



## Mechanical Dimensions

Model Number	A±1	øB±0.5	C±2	D±1	E±2	F±0.5	T1	T2	M -0/+0.5	N -0/+0.5
FTFAC-0010N-010A	120	25	70	12	21	17	M3	M12	12.3	12.3
FTFAC-0022N-016A	130	28	82	14	21	24	M4	M16	16.3	14.3
FTFAC-0022N-032A	140	28	82	14	26	24	M5	M16	16.3	14.3
FTFAC-0047N-010A	125	28	86	14	16	24	M3	M16	16.3	14.3
FTFAC-0100N-016A	140	32	86	14	22	24	M4	M16	16.3	14.3
FTFAC-0100N-032A	150	32	90	14	29	24	M5	M16	16.3	14.3
FTFAC-0100N-075A	192	38	110	16	37	32	M8	M20	20.3	18.3
FTFAC-0150N-063A	185	38	110	14	32	24	M6	M16	16.3	14.3
FTFAC-0220N-130A	124	32	46	15	38	27	M8	M20	20.3	18.3
FTFAC-0470N-010A	210	32	150	14	25	24	M3	M16	16.3	14.3
FTFAC-0470N-016A	210	38	150	14	25	24	M4	M16	16.3	14.3
FTFAC-0470N-025A	220	38	150	14	32	24	M5	M16	16.3	14.3
FTFAC-0470N-032A	220	38	150	14	32	24	M5	M16	16.3	14.3
FTFAC-0470N-063A	245	38	170	14	35	24	M6	M16	16.3	14.3
FTFAC-0470N-075A	258	38	170	16	41	27	M8	M20	20.3	18.3
FTFAC-0470N-100A	258	38	170	16	41	27	M8	M20	20.3	18.3
FTFAC-0470N-130A	124	32	46	15	38	27	M8	M20	20.3	18.3
FTFAC-0470N-200A	275	57	180	19	45	40	M10	M24	24.3	22.3
FTFAC-1000N-010A	210	38	150	14	25	24	M3	M16	16.3	14.3
FTFAC-1000N-016A	210	38	150	14	25	24	M4	M16	16.3	14.3
FTFAC-1000N-025A	220	38	150	14	30	24	M5	M16	16.3	14.3
FTFAC-1000N-032A	220	38	150	14	30	24	M5	M16	16.3	14.3
FTFAC-1000N-063A	245	57	170	16	35	27	M6	M20	20.3	18.3
FTFAC-1000N-075A	258	57	170	19	41	40	M8	M24	24.3	22.3
FTFAC-1000N-100A	258	57	170	19	41	40	M8	M24	24.3	22.3
FTFAC-1000N-200A	275	57	180	19	45	40	M10	M24	24.3	22.3
FTFAC-2200N-010A	210	38	150	14	25	24	M3	M16	16.3	14.3
FTFAC-2200N-016A	210	38	150	14	25	24	M4	M16	16.3	14.3
FTFAC-2200N-032A	240	57	170	14	32	24	M5	M16	16.3	14.3
FTFAC-2200N-063A	245	57	170	16	35	27	M6	M20	20.3	18.3
FTFAC-2200N-075A	258	57	170	19	41	40	M8	M24	24.3	22.3
FTFAC-2200N-100A	258	57	170	19	41	40	M8	M24	24.3	22.3
FTFAC-2200N-200A	275	57	180	19	45	40	M10	M24	24.3	22.3

Model Number	A±1	øB±0.5	C±2	D±1	E±2	F±0.5	T1	T2	M	N
FTFAC-3300N-010A	216	57	160	14	24	24	M3	M16	16.3	14.3
FTFAC-3300N-016A	220	57	160	14	26	25	M4	M16	16.3	14.3
FTFAC-3300N-032A	240	57	170	14	32	25	M5	M16	16.3	14.3
FTFAC-3300N-063A	245	57	170	16	35	27	M6	M20	20.3	18.3
FTFAC-3300N-100A	258	57	170	19	41	32	M8	M24	24.3	22.3
FTFAC-3300N-200A	275	57	180	19	45	40	M10	M24	24.3	22.3
FTFAC-4700N-063A	245	57	170	16	35	27	M6	M20	20.3	18.3
FTFAC-4700N-100A	258	57	170	19	41	40	M8	M24	24.3	22.3
FTFAC-4700N-200A	275	57	180	19	45	40	M10	M24	24.3	22.3

All dimensions are in mm .

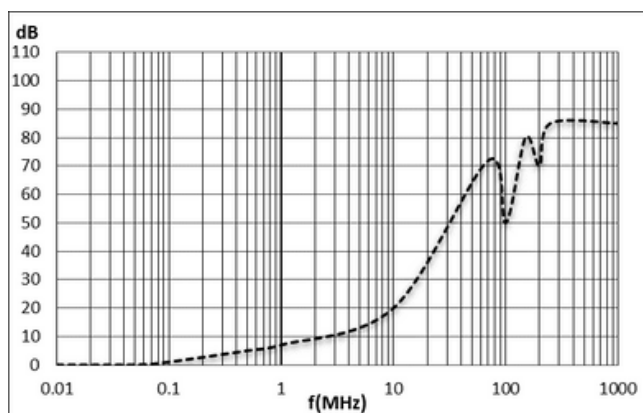
## Torque Details

Recommended Torque	M3	M4	M6	M8	M10	M10X1	M12X1	M16X1	M20X1	M24X1
Terminal Thread(Nm)	0.5	1.2	2.5	5	8	-	-	-	-	-
Mounting Thread(Nm)	-	-	-	-	-	2	3	4	7	8

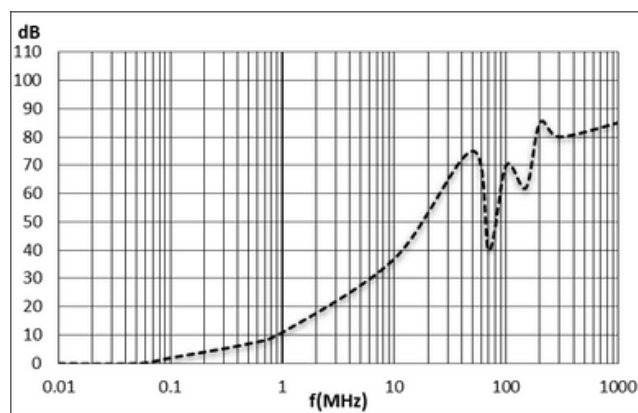
## Insertion Loss

Typical values at 50 Ω

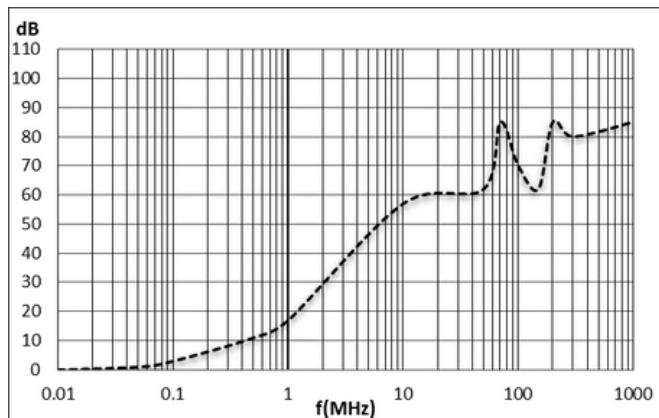
### 10nF



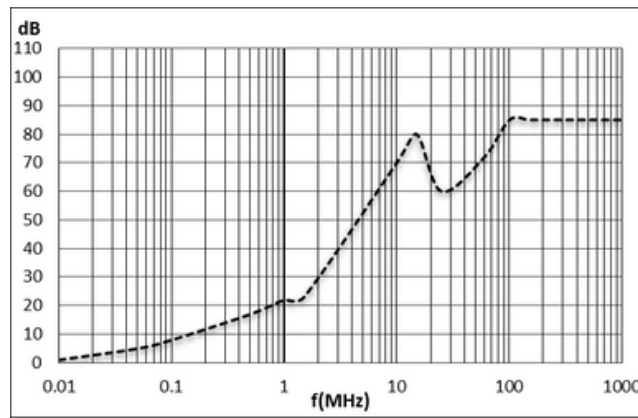
### 22nF



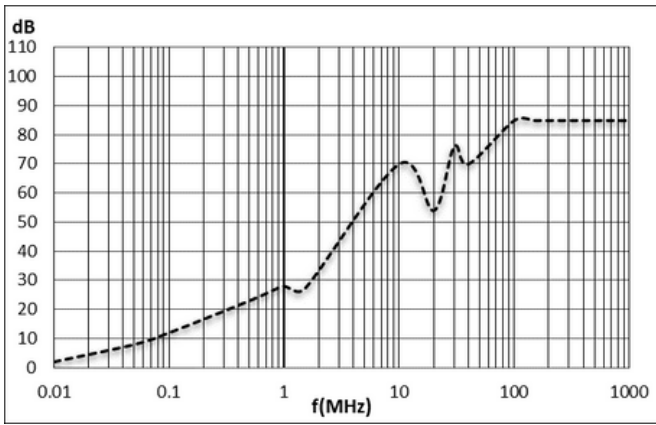
### 47nF



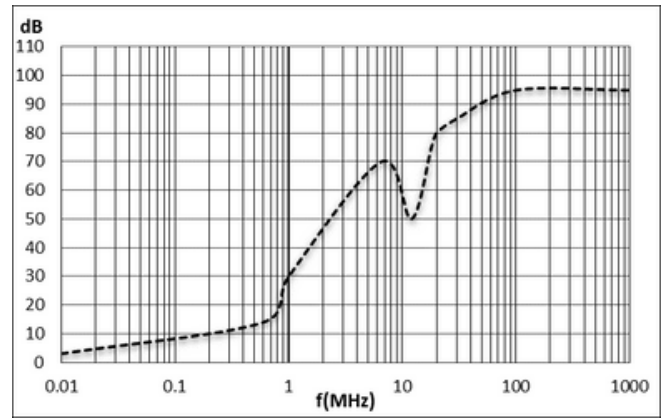
### 100nF



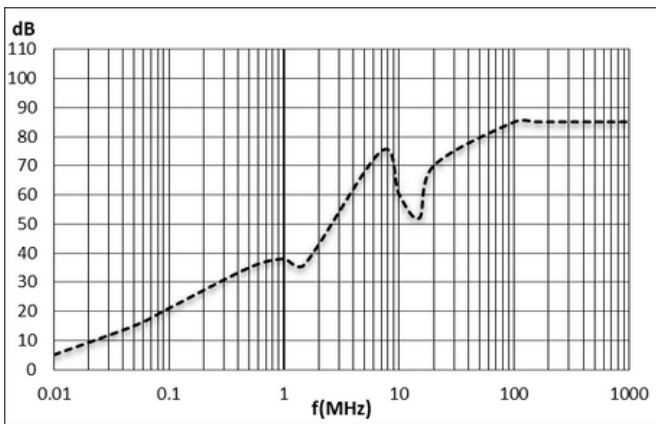
### 150nF



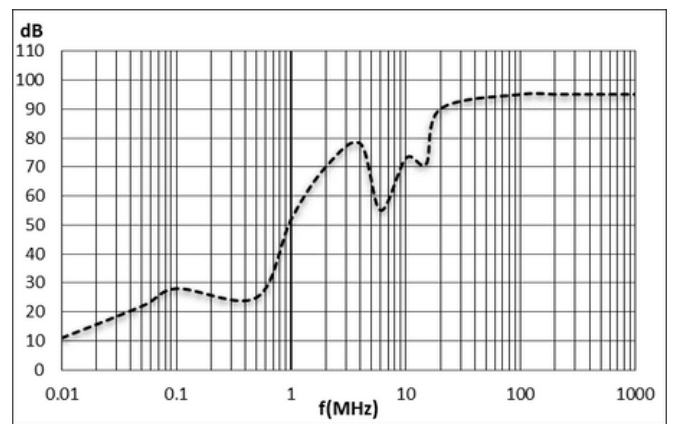
### 220nF



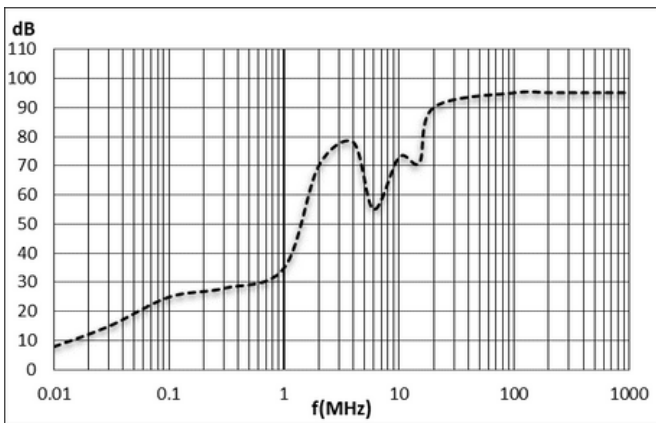
### 470nF



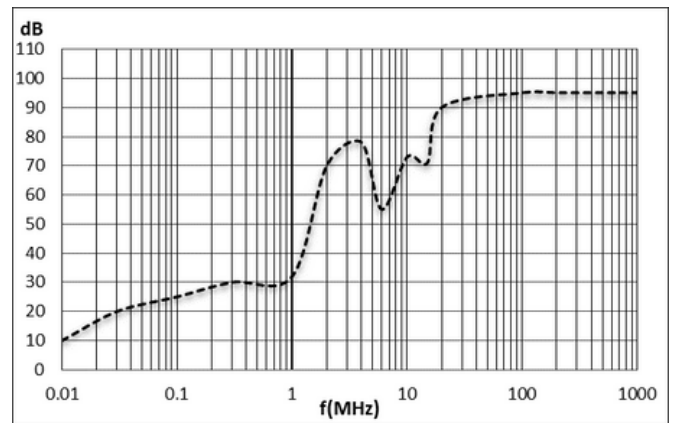
### 1000nF



### 2200nF



### 3300nF



### 4700nF

