

▲FEATURES

- Double side metallized polyester and polypropylene
- Film construction
- Lower ESR and ESL
- Self-healing property
- Long life time,small inherent temperature rise
- Filled with white resin,leads is tinned copper nut(M6,M8,M10)
- Non-inductive type,Polyester tape wrapping
- High dV/dt,ROHS compliance

▲APPLICATIONS

- Epecially as snubber capacitor for GTO
- Inductance heating machine
- Welders,inverters,UPS,EPS

▲SPECIFICATIONS

- Reference standards IEC 61071
- Operating temperature range:-40℃~85℃
- Stonrage temperatue range:-40℃~85℃
- Capacitance range:0.068 to 3uF
- Capacitance tolerance:±5%, ±10%
- Voltage range:4000 to 20000V dc

▲TEST DATA

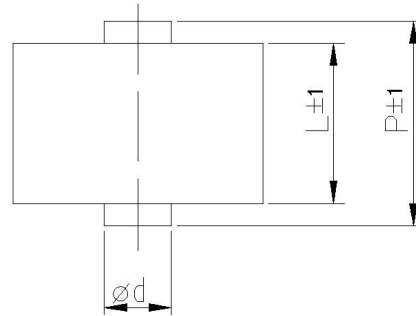
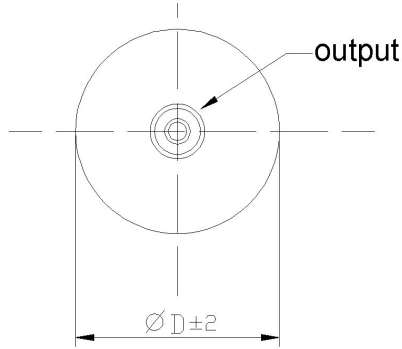
- Voltage between terminals:2Un 10s
- Dissipation factor: 4.0×10^{-4} CR≤1uF
 6.0×10^{-4} CR>1uF
 Measured at 100Hz 25℃
- Life expectancy 100 000 hours
- Insulation resistance $\geq 100\ 000M$ CR≤0.33uF
 $C \times Ri \geq 30000s$ CR>0.33uF 100V dc 25℃



▲Part Numbering System

240	FT	684	#	55	P
Voltage	Type	Capacitance	Tolerance	Length	Screws
240=4000vdc	FT	473=0.047uf	J= ±5%	55=L=55mm	P=M6
260=6000vdc		474=0.47uf	K= ±10%	64=L=64mm	Y=M8
310=10000vdc		475=4.7uf	M= ±20%	114=L=114mm	

▲Outline drawing



M6	M8
d= 15mm	d= 18mm

▲Electrical specifications, ordering codes

Ordering Code	Cap (μ F)	Dimension (mm)				ESR@10k Hz($m\Omega$)	Ls (nH)	du/dt (v/ μ s)	Ipeak (A)	Urms (VAC)
		L	D	Output	P					
Un 4000VDC Us 6000V										
240FT684#50P	0.68	50	50	M6*8	61	2.2	24	1020	685	1650
240FT754#50P	0.75	50	52	M6*8	61	1.9	24	1020	756	1650
240FT105#50Y	1.0	50	60	M8*8	61	1.6	24	1020	1012	1650
240FT125#50Y	1.2	50	67	M8*8	61	1.4	24	1020	1262	1650
240FT155#50Y	1.5	50	73	M8*8	61	1.2	24	1020	1513	1650
240FT205#50Y	2.0	50	84	M8*8	61	0.9	24	1020	2023	1650
240FT255#50Y	2.5	50	93	M8*8	61	0.8	24	1020	2523	1650
240FT684#64P	0.68	64	38	M6*8	76	4.0	24	780	522	1550
240FT105#64P	1.0	64	45	M6*8	76	3.0	24	780	760	1550
240FT155#64P	1.5	64	55	M6*8	76	2.6	24	780	1154	1550
240FT205#64Y	2.0	64	63	M8*8	76	2.1	24	780	1530	1550
240FT255#64Y	2.5	64	70	M8*8	76	1.9	24	780	1915	1550
240FT305#64Y	3.0	64	76	M8*8	76	1.5	24	780	2300	1550
Un 5000VDC Us 7500V										
250FT504#50P	0.50	50	53	M6*8	61	2.3	24	1140	563	2050
250FT684#50Y	0.68	50	62	M8*8	61	1.8	24	1140	766	2050
250FT754#50Y	0.75	50	65	M8*8	61	1.7	24	1140	846	2050
250FT105#50Y	1.0	50	74	M8*8	61	1.4	24	1140	1120	2050
250FT125#50Y	1.2	50	83	M8*8	61	1.2	24	1140	1411	2050
250FT155#50Y	1.5	50	90	M8*8	61	0.9	24	1140	1694	2050
250FT205#50Y	2.0	50	102	M8*8	61	0.9	24	1140	2250	2050
Un 6000VDC Us 9000V										
260FT504#64P	0.50	64	52	M6*8	77	2.8	24	1250	610	2450
260FT684#64Y	0.68	64	61	M8*8	77	2.2	24	1250	842	2450
260FT754#64Y	0.75	64	64	M8*8	77	1.9	24	1250	920	2450
260FT105#64Y	1.0	64	73	M8*8	77	1.6	24	1250	1230	2450
260FT125#64Y	1.2	64	81	M8*8	77	1.4	24	1250	1540	2450
260FT155#64Y	1.5	64	89	M8*8	77	1.2	24	1250	1850	2450
260FT205#64Y	2.0	64	100	M8*8	77	0.9	24	1250	2470	2450

Un 6000VDC Us 9000V										
260FT504#90P	0.50	90	40	M6*8	100	5.1	24	960	470	2200
260FT684#90P	0.68	90	46	M6*8	100	3.9	24	960	645	2200
260FT105#90P	1.0	90	55	M6*8	100	2.6	24	960	940	2200
260FT155#90Y	1.5	90	66	M8*8	100	1.8	24	960	1415	2200
260FT205#90Y	2.0	90	76	M8*8	100	1.4	24	960	1900	2200
260FT225#90Y	2.2	90	80	M8*8	100	1.5	24	960	2080	2200
Un 8000VDC Us 12000V										
280FT334#80P	0.22	80	42	M6*8	93	4.1	24	1440	308	3250
280FT334#80P	0.33	80	49	M6*8	93	4.1	24	1440	471	3250
280FT504#80Y	0.50	80	60	M8*8	93	2.8	24	1440	713	3250
280FT684#80Y	0.68	80	70	M8*8	93	2.2	24	1440	971	3250
280FT754#80Y	0.75	80	73	M8*8	93	1.9	24	1440	1072	3250
280FT105#80Y	1.0	80	84	M8*8	93	1.6	24	1440	1420	3250
280FT125#80Y	1.2	80	93	M8*8	93	1.4	24	1440	1786	3250
280FT155#80Y	1.5	80	102	M8*8	93	1.2	24	1440	2143	3250
280FT334#114P	0.33	114	38	M6*8	104	7.5	24	1150	361	3050
280FT504#114P	0.50	114	45	M6*8	104	5.1	24	1150	545	3050
280FT684#114P	0.68	114	52	M6*8	104	3.9	24	1150	746	3050
280FT824#114P	0.82	114	57	M6*8	104	3.1	24	1150	900	3050
280FT105#114Y	1.0	114	63	M8*8	104	2.8	24	1150	1080	3050
280FT155#114Y	1.5	114	76	M8*8	104	1.9	24	1150	1640	3050
Un 10000VDC Us 15000V										
310FT334#98P	0.33	98	55	M6*8	109	4.0	25	1600	528	4000
310FT504#98Y	0.5	98	67	M8*8	109	2.7	25	1600	800	4000
310FT684#98Y	0.68	98	77	M8*8	109	2.1	25	1600	1088	4000
310FT754#98Y	0.75	98	81	M8*8	109	1.9	25	1600	1200	4000
310FT105#98Y	1.0	98	93	M8*8	109	1.5	25	1600	1600	4000
310FT125#98Y	1.2	98	104	M8*8	109	1.3	25	1600	2000	4000
310FT334#140P	0.33	140	41	M6*8	148	7.4	25	1220	403	3750
310FT504#140P	0.50	140	50	M6*8	148	5.0	25	1220	610	3750
310FT684#140P	0.68	140	58	M6*8	148	3.8	25	1220	830	3750
310FT824#140Y	0.82	140	64	M8*8	148	3.2	25	1220	1000	3750
310FT105#140Y	1.0	140	70	M8*8	148	2.7	25	1220	1220	3750
310FT125#140Y	1.2	140	76	M8*8	148	2.3	25	1220	1464	3750
Un 12000VDC Us 18000V										
312FT224#114P	0.22	114	49	M6*8	125	5.9	24	1760	383	4830
312FT334#114Y	0.33	114	60	M8*8	125	4.1	24	1760	576	4830
312FT504#114Y	0.5	114	73	M8*8	125	2.8	24	1760	873	4830
312FT684#114Y	0.68	114	84	M8*8	125	2.2	24	1760	1180	4830
312FT754#114Y	0.75	114	89	M8*8	125	1.9	24	1760	1312	4830
312FT105#114Y	1.0	114	102	M8*8	125	1.6	24	1760	1740	4830
Un 14000Vdc Us 21000V										
314FT154#130P	0.15	130	45	M6*8	141	8.4	24	1900	283	5630
314FT224#130P	0.22	130	53	M6*8	141	5.9	24	1900	415	5630
314FT334#130Y	0.33	130	64	M8*8	141	4.1	24	1900	623	5630
314FT504#130Y	0.50	130	79	M8*8	141	2.6	24	1900	943	5630
Un 20000VDC Us 30000V										
320FT683#130P	0.068	130	45	M6*8	141	12.1	24	2320	155	6530
320FT104#130P	0.10	130	54	M6*8	141	8.4	24	2320	230	6530
320FT154#130Y	0.15	130	65	M8*8	141	5.8	24	2330	345	6530
320FT224#130Y	0.22	130	79	M8*8	141	4.1	24	2330	500	6530

*Special design available to meet your requirements.