



ELECTRONIC EQUIPMENT FILM CAPACITOR

TACC Series

- Maximum operating temperature 105°C.
- Allowable temperature rise 15K max.
- Large capacitance of TACB series.



◆SPECIFICATIONS

Items	Characteristics				
Category temperature range	-40 to +105°C				
Rated voltage range	450 to 1000V _{dc}				
Capacitance tolerance	±5% (J) or ±10% (K)				
Voltage proof (Terminal - Terminal)	No degradation, at 150% of rated voltage shall be applied for 60 seconds.				
Dissipation factor (tanδ)	No more than 0.05% : Equal or less than 1μF. No more than (c×0.015+0.05)% : More than 1μF.				
Insulation resistance (Terminal - Terminal)	No less than 30000MΩ : Equal or less than 0.33μF.				
	No less than 10000ΩF : More than 0.33μF.				
	Rated voltage (V _{dc})	450	630	800	1000
	Measurement voltage (V _{dc})	100	500	500	500
Endurance	The following specifications shall be satisfied, after 1000hrs with applying rated voltage×125% at 85°C.				
	Appearance	No serious degradation			
	Insulation resistance (Terminal - Terminal)	No less than 10000MΩ : Equal or less than 0.33μF.			
		No less than 3000ΩF : More than 0.33μF.			
	Dissipation factor (tanδ)	No more than initial specification at 1kHz.			
Capacitance change	Within ±5% of initial value.				
Loading under damp heat	The following specifications shall be satisfied, after 500hrs with applying rated voltage at 40°C 90~95%RH.				
	Appearance	No serious degradation.			
	Insulation resistance (Terminal - Terminal)	No less than 10000MΩ : Equal or less than 0.33μF.			
		No less than 3000ΩF : More than 0.33μF.			
	Dissipation factor (tanδ)	No more than initial specification at 1kHz.			
Capacitance change	Within ±5% of initial value.				

◆STANDARD RATINGS

WV (V _{dc})	Cap (μF)	Dimensions (mm)					Maximum ripple current (Arms)	WV (V _{ac})	Part Number	Previous Part Number (Just for your reference)
		W	H	T	F	φd				
450	5.6	33.2	21.0	20.0	27.5	1.0	7.0	115	FTACC451V565□RLFZ0	TACC2W565□
	6.8		22.9	21.9			7.7		FTACC451V685□RLFZ0	TACC2W685□
	8.2		25.0	23.8			8.5		FTACC451V825□RLFZ0	TACC2W825□
	10		27.4	26.1			9.4		FTACC451V106□RLFZ0	TACC2W106□
	12	43.2	25.7	24.5	37.5		7.5		FTACC451V126□TLJZ0	TACC2W126□
	15	28.5	27.1	8.4	FTACC451V156□TLJZ0		TACC2W156□			
	18	53.2	27.4	26.1	47.5		7.3		FTACC451V186□ULWZ0	TACC2W186□
630	3.3	33.2	21.5	20.4	27.5	1.0	5.6	150	FTACC631V335□RLFZ0	TACC2J335□
	3.9		23.2	22.1			6.1		FTACC631V395□RLFZ0	TACC2J395□
	4.7		25.2	24.0			6.7		FTACC631V475□RLFZ0	TACC2J475□
	5.6		27.4	26.1			7.3		FTACC631V565□RLFZ0	TACC2J565□
	6.8	43.2	25.8	24.6	37.5		5.9		FTACC631V685□TLJZ0	TACC2J685□
	8.2	28.0	26.7	6.5	FTACC631V825□TLJZ0		TACC2J825□			
	10	53.2	27.3	26.0	47.5		5.6		FTACC631V106□ULWZ0	TACC2J106□
800	2.2	33.2	21.9	20.8	27.5	1.0	4.5	175	FTACC801V225□RLFZ0	TACC2K225□
	2.7		24.0	22.9			5.0		FTACC801V275□RLFZ0	TACC2K275□
	3.3		26.3	25.1			5.6		FTACC801V335□RLFZ0	TACC2K335□
	3.9		28.5	27.1			6.0		FTACC801V395□RLFZ0	TACC2K395□
	4.7	43.2	26.8	25.5	37.5		4.9		FTACC801V475□TLJZ0	TACC2K475□
	5.6	25.7	24.5	4.2	FTACC801V565□ULWZ0		TACC2K565□			
	6.8	53.2	28.0	26.7	47.5		4.6		FTACC801V685□ULWZ0	TACC2K685□
1000	1.0	33.2	23.4	22.3	27.5	1.0	3.9	200	FTACC102V105□RLFZ0	TACC3A105□
	1.2		25.5	24.3			4.2		FTACC102V125□RLFZ0	TACC3A125□
	1.5		28.2	26.9			4.7		FTACC102V155□RLFZ0	TACC3A155□
	1.8		43.2	26.4			25.2		37.5	3.8
	2.2	25.8	24.6	3.3	FTACC102V225□ULWZ0		TACC3A225□			
	2.7	53.2	28.2	26.9	47.5		3.7		FTACC102V275□ULWZ0	TACC3A275□

- (1)The symbol "□" is Capacitance tolerance code. (J : ±5%, K : ±10%)
- (2)The maximum ripple current : +85°C max., 100kHz, sine wave
- (3)WV(V_{ac}) : 50Hz or 60Hz, sine wave

◆DIMENSIONS (mm)

