



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	7.5		FTACC451V126□TLJZ0		TACC2W126□	
	15		28.5	27.1	8.4		FTACC451V156□TLJZ0		TACC2W156□	
	18		53.2	27.4	26.1		7.3		FTACC451V186□ULWZ0	TACC2W186□
	3.3		33.2	21.5	20.4		5.6		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	43.2	27.4		26.1	7.3	FTACC631V565□RLFZ0	TACC2J565□			
6.8		25.8	24.6	5.9	FTACC631V685□TLJZ0	TACC2J685□				
8.2		28.0	26.7	6.5	FTACC631V825□TLJZ0	TACC2J825□				
10		53.2	27.3	26.0	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	4.9		FTACC801V475□TLJZ0		TACC2K475□	
	5.6		25.7	24.5	4.2		FTACC801V565□ULWZ0		TACC2K565□	
	6.8	53.2	28.0	26.7	4.6		FTACC801V685□ULWZ0		TACC2K685□	
	1000	1.0	33.2	23.4	22.3		27.5		1.0	3.9
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	3.8	FTACC102V185□TLJZ0	TACC3A185□			
2.2			25.8	24.6	3.3	FTACC102V225□ULWZ0	TACC3A225□			
2.7		53.2	28.2	26.9	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)

