



- 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 <sub>dc</sub>				
Capacitance tolerance	±5% (J)				
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 <sub>dc</sub> )	450	630	800	1000
	Measurement voltage (V <sub>dc</sub> )	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 <sub>dc</sub> )	Cap (μF)	Dimensions (mm)					Maximum ripple current (Arms)	WV (Vac)	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	FTACC451V565JRLFZ0	TACC2W565J
	6.8		22.9	21.9			7.7		FTACC451V685JRLFZ0	TACC2W685J
	8.2		25.0	23.8			8.5		FTACC451V825JRLFZ0	TACC2W825J
	10	27.4	26.1	9.4	FTACC451V106JLJLFZ0		TACC2W106J			
	12	43.2	25.7	24.5	7.5		FTACC451V126JTLJZ0		TACC2W126J	
	15	28.5	27.1	8.4	FTACC451V156JTLJZ0		TACC2W156J			
18	53.2	27.4	26.1	47.5	7.3	FTACC451V186JULWZ0	TACC2W186J			
630	3.3	33.2	21.5	20.4	27.5	1.0	5.6	150	FTACC631V335JRLFZ0	TACC2J335J
	3.9		23.2	22.1			6.1		FTACC631V395JRLFZ0	TACC2J395J
	4.7		25.2	24.0			6.7		FTACC631V475JRLFZ0	TACC2J475J
	5.6	27.4	26.1	7.3	FTACC631V565JRLFZ0		TACC2J565J			
	6.8	43.2	25.8	24.6	5.9		FTACC631V685JTLJZ0		TACC2J685J	
	8.2	28.0	26.7	6.5	FTACC631V825JTLJZ0		TACC2J825J			
10	53.2	27.3	26.0	47.5	5.6	FTACC631V106JULWZ0	TACC2J106J			
800	2.2	33.2	21.9	20.8	27.5	1.0	4.5	175	FTACC801V225JRLFZ0	TACC2K225J
	2.7		24.0	22.9			5.0		FTACC801V275JRLFZ0	TACC2K275J
	3.3		26.3	25.1			5.6		FTACC801V335JRLFZ0	TACC2K335J
	3.9	28.5	27.1	6.0	FTACC801V395JRLFZ0		TACC2K395J			
	4.7	43.2	26.8	25.5	4.9		FTACC801V475JTLJZ0		TACC2K475J	
	5.6	25.7	24.5	4.2	FTACC801V565JULWZ0		TACC2K565J			
6.8	53.2	28.0	26.7	47.5	4.6	FTACC801V685JULWZ0	TACC2K685J			
1000	1.0	33.2	23.4	22.3	27.5	1.0	3.9	200	FTACC102V105JRLFZ0	TACC3A105J
	1.2		25.5	24.3			4.2		FTACC102V125JRLFZ0	TACC3A125J
	1.5		28.2	26.9			4.7		FTACC102V155JRLFZ0	TACC3A155J
	1.8	43.2	26.4	25.2	3.8		FTACC102V185JTLJZ0		TACC3A185J	
	2.2	25.8	24.6	3.3	FTACC102V225JULWZ0		TACC3A225J			
	2.7	53.2	28.2	26.9	47.5		3.7		FTACC102V275JULWZ0	TACC3A275J

- (1)Capacitance tolerance : Standard (J:±5%) , Option (K:±10%)  
 (2)The maximum ripple current : +85°C max., 100kHz, sine wave  
 (3)WV(Vac) : 50Hz or 60Hz, sine wave

◆DIMENSIONS (mm)

