

Jamicon Series : TQ

Teapo Series : TB

Low impedance · High Ripple Series



■ Endurance: 105°C 5000~6000hours

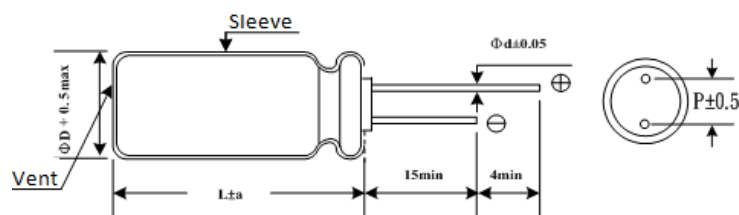
■ Recommended Applications : AV(TV, Video, Audio), Monitor/Computer,
OA/HA/Communication, Converter/Inverter, Adapter, SMPS

■ Corresponding product to RoHS

■ SPECIFICATIONS

Item	Characteristics					
Category Temperature Range	-40 ~ +105℃					
Rated Voltage Range	6.3~35VDC					
Rated Capacitance Range	47~ 8200 μ F					
Capacitance Tolerance	± 20 % (120Hz , 20℃)					
Leakage Current (20℃)	I=0.01CV or3 μ A whichever is greater. (After rated voltage applied for 2 minutes) I : Max. leakage current (μ A), C : Nominal capacitance (μ F), V : Rated voltage (V)					
Dissipation Factor(MAX) (tan δ) (120Hz ,20℃)	WV	6.3	10	16	25	35
	tan δ	0.22	0.19	0.16	0.14	0.12
When nominal capacitance is over 1000 μ F,tan δ shall be added 0.02 to the listed value with increase of every 1000 μ F.						
Low Temperature Stability Impedance Ratio (MAX)	WV	6.3	10	16	25	35
	Z(120Hz)					
	Z-25℃ / Z+20℃	4	3	2	2	2
	Z-40℃ / Z+20℃	8	6	4	3	3
Endurance	After applying rated voltage with rated ripple current for 5000~6000hours at 105℃ , the capacitors shall meet the following requirements.					
	Capacitance change		Within ± 25% of initial value(6.3 、10V : ± 30%)			
	D.F. (tan δ)		Not more than 200% of specified value			
	Leakage current		initial specified value or less			
	D Φ		5~6.3 Φ		8~16 Φ	
	life(hours)		5000hrs		6000hrs	
Shelf Life	After placed at 105℃ without voltage applied for 500 hours,the capacitors shall meet the same requirement as Endurance.					

■ Dimensions [mm]



ΦD	5	6.3	8	10	13	16
P	2.0	2.5	3.5	5.0	5.0	7.5
Φd	0.5	0.5	0.6	0.6	0.6	0.8
a	1.5	1.5	1.5	1.5	2.0	2.0

■ Multiplier for Ripple Current

Freq. (Hz)	120	1K	10K	100K
47~150 μ F	0.40	0.75	0.90	1.00
220 ~ 560 μ F	0.50	0.85	0.94	1.00
680 ~ 1800 μ F	0.60	0.87	0.95	1.00
2200 ~ 3900 μ F	0.75	0.90	0.95	1.00
4700 ~ 8200 μ F	0.85	0.95	0.98	1.00

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■ STANDARD RATINGS

Rated Voltage (Surage Voltage) (V)	Cap (μ F)	Case size Φ DxL(mm)	Ripple current (mA/rms105°C) (100KHz)	Impedance (Ω ,20°C) (100KHz)	Rated Voltage (Surage Voltage) (V)	Cap (μ F)	Case size Φ DxL(mm)	Ripple current (mA/rms105°C) (100KHz)	Impedance (Ω ,20°C) (100KHz)
6.3V (8)	220	5x11	330	0.24	16V (20)	1800	10x25	2250	0.023
	470	6.3x11	500	0.11		2200	13x20	2480	0.023
	820	8x12	900	0.062		2700	13x25	2900	0.020
	1200	8x15	1210	0.048		3300	13x30	3450	0.017
		10x12.5	1240	0.053			16x20	3250	0.018
	1500	8x20	1410	0.041		3900	13x35	3570	0.016
	1800	10x16	1650	0.038		4700	16x25	3630	0.017
	2200	10x20	1960	0.026	25V (32)	68	5x11	330	0.24
	2700	10x25	2250	0.023		150	6.3x11	500	0.11
	3900	13x20	2480	0.023		330	8x12	900	0.062
	4700	13x25	2900	0.020		390	8x15	1210	0.048
	5600	13x30	3450	0.017		470	10x12.5	1240	0.053
	6800	13x35	3570	0.016		560	8x20	1410	0.041
		16x20	3250	0.018		680	10x16	1650	0.038
	8200	16x25	3630	0.017		820	10x20	1960	0.026
10V (13)	150	5x11	330	0.24		1000	10x25	2250	0.023
	330	6.3x11	500	0.11		1500	13x20	2480	0.023
	680	8x12	900	0.062		1800	13x25	2900	0.020
	1000	8x15	1210	0.048		2200	13x30	3450	0.017
		10x12.5	1240	0.053			16x20	3250	0.018
	1500	8x20	1410	0.041		2700	13x35	3570	0.016
		10x16	1650	0.038		3300	16x25	3630	0.017
	1800	10x20	1960	0.026	35V (44)	47	5x11	330	0.24
	2200	10x25	2250	0.023		100	6.3x11	500	0.11
	3300	13x20	2480	0.023		220	8x12	900	0.062
	3900	13x25	2900	0.020		270	8x15	1210	0.048
	4700	13x30	3450	0.017		330	10x12.5	1240	0.053
		16x20	3250	0.018		390	8x20	1410	0.041
	5600	13x35	3570	0.016		470	10x16	1650	0.038
	6800	16x25	3630	0.017		560	10x20	1960	0.026
16V (20)	100	5x11	330	0.24		680	10x25	2250	0.023
	220	6.3x11	500	0.11		1000	13x20	2480	0.023
	470	8x12	900	0.062		1200	13x25	2900	0.020
	680	8x15	1210	0.048		1500	13x30	3450	0.017
		10x12.5	1240	0.053			16x20	3250	0.018
	1000	8x20	1410	0.041		1800	13x35	3570	0.016
		10x16	1650	0.038		2200	16x25	3630	0.017
	1500	10x20	1960	0.026					

单击下面可查看定价，库存，交付和生命周期等信息

[>>JAMICON\(凯美\)](#)