

Jamicon Series : SH

Teapo Series : S7 Low profice Series

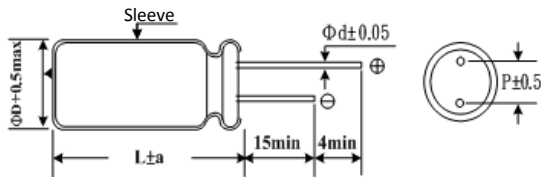
- Endurance: 105°C 1000 hours
- Recommended Applications :For Portable Micro Computer,Disk Driver, Small Calculator and Audio equipmeng...etc
- Corresponding product to RoHS



SPECIFICATIONS

Item	Characteristics							
Category Temperature Range	-40 ~ +105°C							
Rated Voltage Range	6.3 ~ 63VDC							
Rated Capacitance Range	1 ~ 470 μF							
Capacitance Tolerance	± 20 % (120Hz , 20°C)							
Leakage Current (20°C)	I=0.01CV or 3(μA) whichever is greater.(After rated voltage applied for 2 minutes) I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)							
Dissipation Factor(MAX) (tan δ) (120Hz, 20°C)	WV	6.3	10	16	25	35	50	63
	tan δ	0.24	0.21	0.18	0.15	0.13	0.12	0.08
Low Temperature Stability Impedance Ratio (MAX)	Z(120Hz)	6.3	10	16	25	35	50	63
	Z-25°C / Z+20°C	4	3	2	2	2	2	2
	Z-40°C / Z+20°C	8	6	4	4	3	3	3
Endurance	After applying rated voltage with ripple current for 1000 hours at 105°C , the capacitors shall meet the following requirements.							
	Capacitance change	Within ± 20% of initial value						
	D.F. (tan δ)	Not more than 200% of specified value						
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 500 hours at 105°C without voltage applied. Before the measurement, the capacitor shall be preconditioned by applying voltage according to item 4.1 of JIS C 5101-4.							
	Leakage current							

Dimensions [mm]



ΦD	4.0	5.0	6.3	8.0
P	1.5	2.0	2.5	3.5
Φd	0.45			0.5
a	1.0			

Notes : 8 Φ have ven

Multiplier for Ripple Current

Freq. (Hz)	50	120	300	1K	10K
1~47 μF	0.75	1.00	1.20	1.30	1.50
100~330 μF	0.75	1.00	1.10	1.15	1.20

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■ STANDARD RATINGS

Rated Voltage (SurageVoltage) (V)	Cap (μ F)	Case size Φ DxL(mm)	$\tan \delta$	Ripple current (mA/rms105°C) (120Hz)	Rated Voltage (SurageVoltage) (V)	Cap (μ F)	Case size Φ DxL(mm)	$\tan \delta$	Ripple current (mA/rms105°C) (120Hz)
6.3 (8)	22	4x7	0.24	37	25 (32)	4.7	4x7	0.15	24
	33	5x7	0.24	42		10	4x7	0.15	33
	47	4x7	0.24	46			5x7	0.15	35
		5x7	0.24	55			6.3x7	0.15	35
	100	5x7	0.24	75		22	4x7	0.15	43
		6.3x7	0.24	90			5x7	0.15	51
	220	6.3x7	0.24	130		6.3x7	0.15	53	
330	8x7	0.24	140	33		5x7	0.15	55	
10 (13)	22	4x7	0.21			31	6.3x7	0.15	65
		5x7	0.21			38	47	5x7	0.15
	33	4x7	0.21	39		6.3x7		0.15	79
		5x7	0.21	47		100	6.3x7	0.15	120
	47	4x7	0.21	50	8x7		0.15	120	
		5x7	0.21	60	35 (44)		4.7	4x7	0.13
	100	6.3x7	0.21	60		10	5x7	0.13	24
5x7		0.21	85	4x7			0.13	34	
220	6.3x7	0.21	135	5x7		0.13	36		
	16 (20)	2.2	4x7	0.18		7	22	5x7	0.13
3.3		4x7	0.18	13		33	6.3x7	0.13	57
4.7		4x7	0.18	19		47	6.3x7	0.13	70
10		4x7	0.18	29	6.3x7		0.13	81	
22		4x7	0.18	36	50 (63)	1.0	4x7	0.12	10
		5x7	0.18	44		2.2	4x7	0.12	19
33		4x7	0.18	50		3.3	4x7	0.12	24
	5x7	0.18	57	4.7		4x7	0.12	29	
47	5x7	0.18	75			5x7	0.12	31	
	68	6.3x7	0.18	77		10	4x7	0.12	37
5x7		0.18	84	5x7			0.12	45	
100	5x7	0.18	94	6.3x7	0.12	45			
	6.3x7	0.18	110	22	6.3x7	0.12	65		
150	6.3x7	0.18	120	63 (79)	1.0	4x7	0.08	13	
220	8x7	0.18	140		2.2	4x7	0.08	21	
	8x9	0.18	140		3.3	4x7	0.08	26	
330	8x9	0.18	155		4.7	4x7	0.08	26	
	8x9	0.18	165			6.3x7	0.08	33	
470	8x9	0.18	165		10	5x7	0.08	42	
	6.3x7	0.18	165			6.3x7	0.08	50	