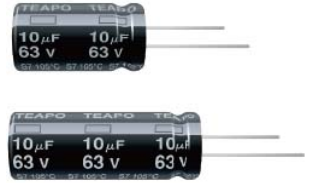


S7 Low profice Series

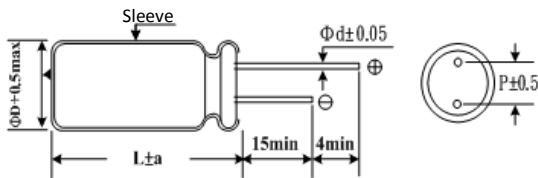
- Endurance: 105°C 1000 hours
- Recommended Applications :For Portable Micro Computer, Disk Driver, Small Calculator and Audio equipmng...etc
- Corresponding product to RoHS



■ 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	0.20	0.17	0.15	0.12	0.10	0.08
Low Temperature Stability Impedance Ratio (MAX)	WV	6.3	10	16	25	35	50	63
	Z(120Hz)							
	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 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						
	Leakage current	initial specified value or less						
Shelf Life	After placed at 105°C without voltage applied for 500 hours,the capacitors shall meet the sane requirement as Endurance.							

■ 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

■ 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	0.20			31	6.3x7	0.15	65
		5x7	0.20	38		47	5x7	0.15	67
	33	4x7	0.20	39			6.3x7	0.15	79
		5x7	0.20	47		100	6.3x7	0.15	120
	47	4x7	0.20	50	8x7		0.15	120	
		5x7	0.20	60	35 (44)		4.7	4x7	0.12
	100	6.3x7	0.20	60		10	5x7	0.12	24
5x7		0.20	85	4x7			0.12	34	
220	6.3x7	0.20	135	22		5x7	0.12	36	
	16 (20)	2.2	4x7			0.17	7	6.3x7	0.12
4x7			0.17	13		33	6.3x7	0.12	57
4.7		4x7	0.17	19			47	6.3x7	0.12
10		4x7	0.17	29	50 (63)	1.0	4x7	0.10	10
22		4x7	0.17	36		2.2	4x7	0.10	19
		5x7	0.17	44		3.3	4x7	0.10	24
33		4x7	0.17	50		4.7	4x7	0.10	29
	5x7	0.17	57	5x7			0.10	31	
47	5x7	0.17	75	10		4x7	0.10	37	
	6.3x7	0.17	77			5x7	0.10	45	
68	5x7	0.17	84	22	6.3x7	0.10	45		
100	5x7	0.17	94		6.3x7	0.10	65		
	150	6.3x7	0.17	110	63 (79)	1.0	4x7	0.08	13
220		8x7	0.17	140		2.2	4x7	0.08	21
	330	8x9	0.17	155		3.3	4x7	0.08	26
470		8x9	0.17	165		4.7	4x7	0.08	26
	6.3x7	0.17	120	6.3x7			0.08	33	
220	8x9	0.17	140	10		5x7	0.08	42	
	8x9	0.17	155			6.3x7	0.08	50	
330	8x9	0.17	155						
	470	8x9	0.17	165					