TEAPO

Radial Type Aluminium Electrolytic Capacitors

H5 Low profice Series

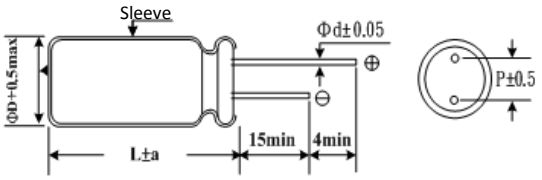
■ Endurance: 105℃ 2000hours
Low proglie/minianure,5mm height
■ Recommended Applications :Monitor/Compurer,AV(TV,Video,Audio),
OA/HA/Communication,Small signal
■ Corresponding product to RoHS

H5 ↑ Long Life
S5

■ SPECIFICATIONS

Item	Characteristics
Category Temperature Range	-40 ~ +105℃
Rated Voltage Range	6.3~ 50VDC
Rated Capacitance Range	1 ~ 330 μF
Capacitance Tolerance	± 20 % at 120Hz , 20℃
Leakage Current (20℃)	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℃)	WV: 6.3 / 10 / 16 / 25 / 35 / 50 tan δ: 0.26 / 0.24 / 0.20 / 0.16 / 0.13 / 0.12 Down size tan δ add 3%
Low Temperature Stability Impedance Ratio (MAX)	WV / Z(120Hz): 6.3 / 10 / 16 / 25 / 35 / 50 Z-25℃ / Z+20℃: 4 / 3 / 2 / 2 / 2 / 2 Z-40℃ / Z+20℃: 8 / 6 / 4 / 4 / 4 / 4
Endurance	After applying rated voltage for 2000 hours at 105℃,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℃ without voltage applied for 1000 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	0.45	0.45	0.45
a	1.0	1.0	1.0	1.0

Notes：8ΦHave ven

■ Multiplier for Ripple Current

Freq. (Hz)	50	120	1K	10K
6.3~16V	0.80	1.00	1.10	1.20
25~50V	0.80	1.00	1.50	1.70

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■STANDARD RATINGS

Rated Voltage (SurageVoltage) (V)	Cap (μF)	Case size ΦDxL(mm)	tan δ	Ripple current (mA/rms105℃) (120Hz)
6.3 (8)	10	4x5	0.26	15
	22	4x5	0.26	25
	33	5x5	0.26	30
	47	5x5	0.26	35
	100	6.3x5	0.26	60
	220	8x5	0.26	95
	330	8x5	0.26	120
10 (13)	10	4x5	0.24	20
	22	5x5	0.24	25
	33	5x5	0.24	35
	47	6.3x5	0.24	45
	100	6.3x5	0.24	70
16 (20)	4.7	4x5	0.20	10
	10	4x5	0.20	20
	22	5x5	0.20	30
	33	5x5	0.20	40

Rated Voltage (SurageVoltage) (V)	Cap (μF)	Case size ΦDxL(mm)	tan δ	Ripple current (mA/rms105℃) (120Hz)
16 (20)	47	6.3x5	0.20	55
	100	6.3x5	0.2	90
25 (32)	4.7	4x5	0.16	15
	10	4x5	0.16	25
	22	6.3x5	0.16	40
	33	6.3x5	0.16	50
35 (44)	4.7	4x5	0.13	15
	10	5x5	0.13	30
	22	6.3x5	0.13	45
50 (63)	1.0	4x5	0.12	10
	2.2	4x5	0.12	15
	3.3	4x5	0.12	15
	4.7	5x5	0.12	20
	10	6.3x5	0.12	35
	22	6.3x5	0.12	55