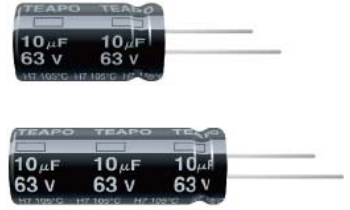


H7 Low profile Series

- Endurance: 105°C 2000 hours
Low profile/minature, 7mm/9mm height
- Recommended Applications : Monitor/Computer, AV(TV, Video, Audio),
OA/HA/Communication, Small signal
- Corresponding product to RoHS

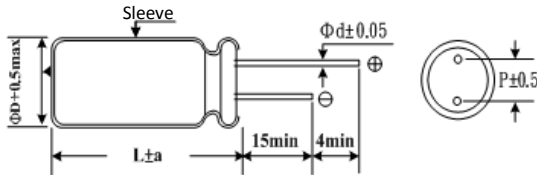
H7
↑ Long Life
S7



SPECIFICATIONS

Item	Characteristics																																
Category Temperature Range	-40 ~ +105°C																																
Rated Voltage Range	6.3 ~ 63VDC																																
Rated Capacitance Range	1 ~ 470 µF																																
Capacitance Tolerance	± 20 % at 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)	<table border="1"> <tr> <td>WV</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> </tr> <tr> <td>tan δ</td> <td>0.24</td> <td>0.20</td> <td>0.18</td> <td>0.15</td> <td>0.13</td> <td>0.12</td> <td>0.10</td> </tr> </table> <p>Down size tan δ add 3%</p>	WV	6.3	10	16	25	35	50	63	tan δ	0.24	0.20	0.18	0.15	0.13	0.12	0.10																
WV	6.3	10	16	25	35	50	63																										
tan δ	0.24	0.20	0.18	0.15	0.13	0.12	0.10																										
Low Temperature Stability Impedance Ratio (MAX)	<table border="1"> <tr> <td>WV</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> </tr> <tr> <td>Z(120Hz)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Z-25°C / Z+20°C</td> <td>4</td> <td>3</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> </tr> <tr> <td>Z-40°C / Z+20°C</td> <td>8</td> <td>6</td> <td>4</td> <td>4</td> <td>4</td> <td>4</td> <td>4</td> </tr> </table>	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	4	4	4
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	4	4	4																										
Endurance	After applying rated voltage for 2000 hours at 105°C, the capacitors shall meet the following requirements. <table border="1"> <tr> <td>Capacitance change</td> <td>Within ± 20% of initial value</td> </tr> <tr> <td>D.F. (tan δ)</td> <td>Not more than 200% of specified value</td> </tr> <tr> <td>Leakage current</td> <td>initial specified value or less</td> </tr> </table>	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																										
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 1000 hours, the capacitors shall meet the same 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	0.5
a	1.0	1.0	1.0	1.0

Notes : 8 Φ have ven

Multiplier for Ripple Current

Freq. (Hz)	50	120	1K	10K
6.3~16V	0.80	1.00	1.1	1.2
25~35V	0.80	1.00	1.5	1.7
50~63V	0.80	1.00	1.6	1.9

H7 Low profice Series

■ STANDARD RATINGS

Rated Voltage (SurageVoltage) (V)	Cap (μ F)	Case size Φ DxL(mm)	$\tan \delta$	Ripple current (mA/rms105°C) (120Hz)
6.3 (8)	33	4x7	0.24	35
	47	5x7	0.24	50
	100	5x7	0.24	70
	220	6.3x7	0.24	110
	330	8x7	0.24	150
	470	8x9	0.24	200
10 (13)	22	4x7	0.20	30
	33	4x7	0.20	40
	47	5x7	0.20	60
	100	6.3x7	0.20	90
	220	6.3x7	0.20	135
	330	8x9	0.20	160
16 (20)	470	8x9	0.20	210
	2.2	4x7	0.18	10
	3.3	4x7	0.18	10
	4.7	4x7	0.18	15
	10	4x7	0.18	25
	22	4x7	0.18	35
	33	5x7	0.18	50
	47	6.3x7	0.18	70
	100	6.3x7	0.18	110
	220	8x9	0.18	180
330	8x9	0.18	210	

Rated Voltage (SurageVoltage) (V)	Cap (μ F)	Case size Φ DxL(mm)	$\tan \delta$	Ripple current (mA/rms105°C) (120Hz)
25 (32)	4.7	4x7	0.15	20
	10	4x7	0.15	30
	22	5x7	0.15	50
	33	6.3x7	0.15	65
	47	6.3x7	0.15	70
	100	8x7	0.15	115
35 (44)	4.7	4x7	0.13	25
	10	4x7	0.13	35
	22	5x7	0.13	60
	33	6.3x7	0.13	70
	47	8x7	0.13	80
	100	8x9	0.13	145
50 (63)	1.0	4x7	0.12	10
	2.2	4x7	0.12	20
	3.3	4x7	0.12	25
	4.7	4x7	0.12	30
	10	5x7	0.12	35
	22	6.3x7	0.12	65
	33	8x7	0.12	80
	47	8x9	0.12	100
63 (79)	1.0	4x7	0.10	10
	2.2	4x7	0.10	20
	3.3	4x7	0.10	25
	4.7	5x7	0.10	35
	10	6.3x7	0.10	50

单击下面可查看定价，库存，交付和生命周期等信息

[>>Teapo \(智宝\)](#)