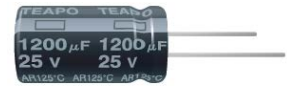


Jamicon Series : WF

Teapo Series : AR

High Temperature · Low impedance · Long Life Series

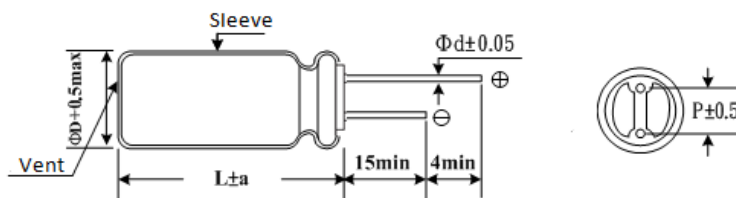


- Endurance: 125°C 3000~5000hrs
- Recommended Applications : Applicable for Electronic Ballast,Lighting Ballast
- Corresponding product to RoHS

**SPECIFICATIONS**

Item	Characteristics																				
Category Temperature Range	-40 ~ +125°C																				
Rated Voltage Range	25~63VDC																				
Rated Capacitance Range	470~ 6800 µ F																				
Capacitance Tolerance	± 20 % (120Hz , 20°C)																				
Leakage Current (20°C)	I=0.03CV or 4(µ A)whichever is greater. (After rated voltage applied for 1 minutes) I : Max. leakage current (µ A), C : Nominal capacitance (µ F), V : Rated voltage (V)																				
Dissipation Factor(MAX) (tan δ ) (120Hz , 20°C)	<table border="1"> <tr> <td>WV</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> </tr> <tr> <td>tan δ</td> <td>0.14</td> <td>0.12</td> <td>0.14</td> <td>0.14</td> </tr> </table>	WV	25	35	50	63	tan δ	0.14	0.12	0.14	0.14										
	WV	25	35	50	63																
tan δ	0.14	0.12	0.14	0.14																	
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)	<table border="1"> <tr> <td>WV</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> </tr> <tr> <td>Z-25°C / Z+20°C</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> </tr> <tr> <td>Z-40°C / Z+20°C</td> <td>4</td> <td>4</td> <td>4</td> <td>4</td> </tr> </table>	WV	25	35	50	63	Z(120Hz)					Z-25°C / Z+20°C	2	2	2	2	Z-40°C / Z+20°C	4	4	4	4
	WV	25	35	50	63																
	Z(120Hz)																				
Z-25°C / Z+20°C	2	2	2	2																	
Z-40°C / Z+20°C	4	4	4	4																	
After applying rated voltage with rated ripple current for 3000~5000 hours at 125°C , the capacitors shall meet the following requirements.																					
Endurance	Rated Voltage Range	25~63VDC																			
	Capacitance change	Within ±30% of initial value																			
	D.F. (tan δ )	Not more than300% of specified value																			
	Leakage current	initial specified value or less																			
	L(height)	L ≤ 20mm                      L ≥ 25mm																			
	Life	3000Hrs                              5000Hrs																			
Shelf Life	After placed at 125°C without voltage applied for 1000 hours,the capacitors shall meet the same requirement as Endurance.																				
	Rated Voltage Range	25~63VDC																			
	Capacitance change	Within ±30% of initial value																			
	D.F. (tan δ )	Not more than300% of specified value																			
	Leakage current	initial specified value or less																			

**Dimensions [mm]**



ΦD	13	16	18
P	5.0	7.5	7.5
Φd	0.6	0.8	0.8
a	2.0	2.0	2.0

**Multiplier for Ripple Current**

Freq. (Hz)		120	1K	10K	100K
25~63WV	CAP:470~560 µ F	0.50	0.85	0.94	1.00
	CAP:620~1800 µ F	0.60	0.87	0.95	1.00
	CAP:2200~3900 µ F	0.75	0.90	0.95	1.00
	CAP:4700~6800 µ F	0.85	0.95	0.98	1.00

Jamicon Series : WF

Teapo Series : AR

■ STANDARD RATINGS

Rated Voltage (SurageVoltage) (V)	Cap ( $\mu$ F)	Case size $\Phi$ D $\times$ L(mm)	Ripple current (mA/rms125°C) (100KHz)	Impedance ( $\Omega$ ,20°C) (100KHz)	Rated Voltage (SurageVoltage) (V)	Cap ( $\mu$ F)	Case size $\Phi$ D $\times$ L(mm)	Ripple current (mA/rms125°C) (100KHz)	Impedance ( $\Omega$ ,20°C) (100KHz)	
25(32)	1200	13x20	1820	0.046	35(44)	3300	18x36	3840	0.020	
	1800	13x25	2280	0.040		4700	18x40	4230	0.017	
	2200	13x30	16x20	2280	0.036	50(63)	470	13x20	1500	0.095
			13x35	2970	0.027		680	13x25	1900	0.078
	2700	16x25	18x20	2490	0.036		820	13x30	2150	0.071
			13x40	3340	0.023		1000	13x35	2510	0.064
	3300	16x30	18x20	2490	0.036			16x25	2620	0.061
			16x30	3160	0.025		18x20	2240	0.069	
	3900	16x36	18x25	3010	0.026		1200	13x40	2870	0.058
			18x25	3010	0.026			16x30	2940	0.057
	4700	16x40	18x30	3390	0.022		18x25	2750	0.059	
			18x30	3390	0.022		1500	16x36	3300	0.053
	5600	18x36	16x40	3970	0.018		1800	18x30	3140	0.056
			18x36	3840	0.020		2200	16x40	3720	0.050
6800	18x40	18x40	4230	0.017	18x36			3510	0.052	
		18x40	4230	0.017	2700		18x40	3940	0.048	
35(44)	680	13x20	1820	0.046	63(79)	470	16x20	1790	0.105	
	1000	13x25	2280	0.040		680	16x25	2030	0.085	
	1200	13x30	16x20	2280			0.036	18x20	1910	0.095
			13x35	2970		0.027	820	16x30	2330	0.073
	1500	18x20	13x40	3340		0.023	1000	16x36	2580	0.064
			16x25	2860		0.028		18x25	2280	0.069
	2200	16x30	16x30	3160		0.025	1200	16x40	2900	0.056
			18x25	3010		0.026		18x30	2580	0.061
	2700	16x36	16x36	3590		0.022	1500	18x36	2890	0.055
			18x30	3390		0.022	1800	18x40	3210	0.050
	3300	16x40	3970	0.018						