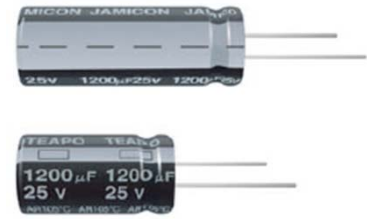


Jamicon Series : WF

Teapo Series : AR

High Temperature · Low impedance · Ultra Long Life Series



■ Endurance: 125°C 3000~5000hrs

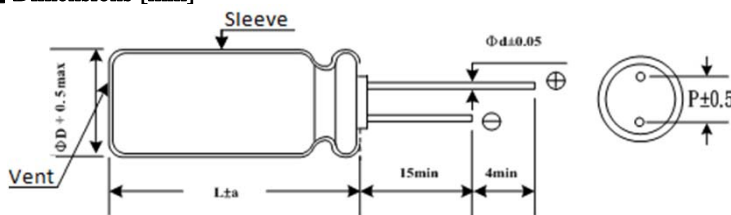
■ Recommended Applications : Applicable for Electronic Ballast,Lighting Ballast

■ Corresponding product to RoHS

■ SPECIFICATIONS

Item	Characteristics				
Category Temperature Range	-40 ~ +125°C				
Rated Voltage Range	25~63VDC				
Rated Capacitance Range	470~ 6800 μF				
Capacitance Tolerance	± 20 % (120Hz , 20°C)				
Leakage Current (20°C)	I=0.03CV or 4(μA)whichever is greater. (After rated voltage applied for 1 minutes) I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)				
Dissipation Factor(MAX) (tan δ) (120Hz ,20°C)	WV	25	35	50	63
	tan δ	0.14	0.12	0.14	0.14
When nominal capacitance is over 1000 μF,tan δ shall be added 0.02 to the listed value with increase of every 1000 μF.					
Low Temperature Stability Impedance Ratio (MAX)	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
Endurance	After applying rated voltage with rated ripple current for 3000~5000 hours at 125°C, the capacitors shall meet the following requirements.				
	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	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for1,000 hours at 125°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.				
	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 μF	0.50	0.85	0.94	1.00
	CAP:620~1800 μF	0.60	0.87	0.95	1.00
	CAP:2200~3900 μF	0.75	0.90	0.95	1.00
	CAP:4700~6800 μF	0.85	0.95	0.98	1.00