RICHEY ALUMINUM ELECTROLYTIC CAPACITORS UFA series

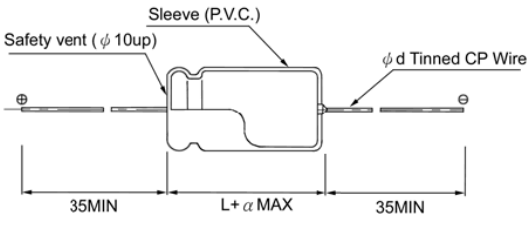
UFA SERIES

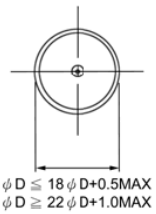
Axial Typ 卧式 125℃.高温度品
Axial leads polarized 125℃ High temperature
Suited for telecommunication equipment

SPECIFICATION:

ITEMS	CHARACTERISTIC						
Rated Voltage Range 定格电压范围	10v ～ 63v DC						
Operating Temperature 使用温度范围	-40℃ ～ +125℃						
Capacitance Tolerance 电容量容许差	±20%(M) at 20℃,120Hz						
Leakage Current 漏泄电流	I=0.01CV or 3 μA, whichever is greater after 3 minutes application of rated voltage I=Leakage C=Rated capacitance V=Working voltage						
Dissipation Factor (tanδ) 损失角之正接	Rated voltage(Vdc)	10	16	25	35	50	63
	DF (tan δ)	0.20	0.16	0.14	0.12	0.10	0.10
Low Temperature Characteristics at 120Hz 低温稳定特性	Max. impedance ratio at 120Hz to the 20^0C value						
	Rated voltage(Vdc)	10	16	25	35	50	63
	Z(-25℃)/Z(20℃)	3	2	2	2	2	2
	Z(-40℃)/Z(20℃)	4	4	4	4	4	4
Load Life 高温负载寿命	After 1000 hours application of Rated voltage at 125℃ the capacitor shall meet the following limits						
	Capacitance change rate	≦±25% of initial value					
	DF(tan δ)	≦200% of the initial specified value					
	Leakage current	≦200% of the initial specified value					
Shelf Life 高温无负载寿命	AT 125^0C no voltage applied after 500 hours the capacitor shall meet the limits as in load life.						

Dimension (mm)





ψD	8	10	13	16
ψd	0.6	0.6	0.6	0.8
α	1.5			

WV	10v		16v		25v		35v		50v		63v	
Cap	ψ DxL	Ripple	ψ DxL	Ripple	ψ DxL	Ripple	ψ DxL	Ripple	ψ DxL	Ripple	ψ DxL	Ripple
1									8x16	10		
2.2									8x16	22		
3.3									8x16	27		
4.7									8x16	32		
10									8x16	47		
22									8x16	70		
33									8x16	85		
47									8x16	105	8x20	120
100					8x16	125	8x20	160	8x20	180	10x21	200
220	8x16	155	8x20	210	8x20	220	10x21	260	10x26	320	13x26	360
330	8x20	220	8x20	250	10x21	300	10x26	350	13x26	130	13x31	480
470	8x20	270	10x21	330	10x26	390	13x26	470	13x31	570	16x31	650
1000	10x26	470	13x26	590	13x31	700	16x31	850	16x41	1030		
2200	13x31	820	16x31	1030	16x41	1210						
3300	16x31	1090	16x41	1330								
4700	16x41	1390										