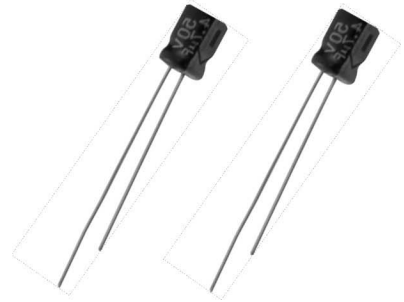


UMR series Ultra-Mini 5mm height 超小型品

UMR series 〈3 ØX5L〉 超小型品

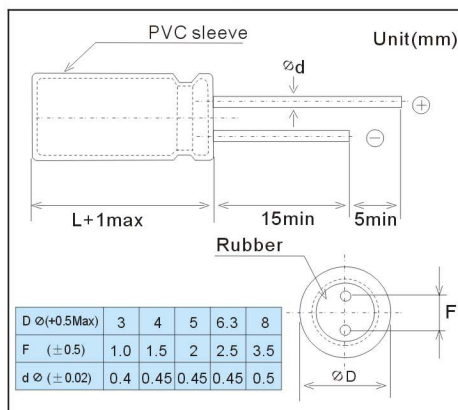
- 本體之高度縮短至5m/m,適用於輕薄小型化之電子產品。
- 適用於高密度電子設備,例如:OA機器、電子計算機、汽車音響、迷你音響、攝影機、光碟機、手提電腦...等等。
- Developed short body length to 5m/m, for the demand of smaller and thinner electronic equipment.
- Most suitable for high-density electronic equipment, such as: automatic office machines, pocket calculators, car stereos and mini-audio sets, VCR, camera, CD-ROM, notebook, etc.



Specifications

NO	Item	Performance characteristics									
1	使用溫度範圍 Operating Temperature Range	-40 to +105℃									
2	定格電壓範圍 Rated Working Voltage Range	4-50v.DC									
3	靜電容量範圍 Nominal Capacitance Range	0.1-470UF									
4	靜電容量容許差 Capacitance Tolerance	±20%(at +20℃, 120HZ)									
5	漏電電流 Leakage current	I≤0.01CV or 3(UA)after two minutes									
6	損失角 Dissipation Factor(tan δ) (120Hz\+20℃)	Working Voltage (V)		4	6.3	10	16	25	35	50	
		tan σ	max.	0.35	0.24	0.20	0.16	0.14	0.12	0.10	
7	溫度特性 (at 120Hz) Characteristics at low Temperature (stability at 120Hz)	Working Voltage (V)		4	6.3	10	16	25	35	50	
		Z-25℃ /+20℃		7	4	3	2	2	2	2	
		Z-40℃ /+20℃		15	8	6	4	4	3	3	
8	高溫負荷特性 High Temperature Loading	After 1000 hrs application of DC rated working voltage at + 105℃ The capacitor shall meet the following limits: Post test requirements at + 20℃									
		Leakage Current		≤the initial specified value							
		Capacitance Change		≤ ±20% of inital measured value							
		Dissipation Factor(tan σ)		≤ 200% of inital specified value							
9	高溫無負荷特性 Shelf Life	After storage for 500 hrs, at+105℃ with no voltage applier. Post test requirements at +20℃ same limits for high temperature loading.									
10	耐洗淨性 Solvent proof	This capacitor can withstand circuit-board cleaning within 5 min dippde in Freon TE, TES, at 40℃(ultrasonic also permitted) or in the steam of these cleaners.									

Outline drawing



Case size Table

WV(SV) μF	4 (5)	6.3 (8)	10 (13)	16 (20)	25 (32)	35 (44)	50 (63)	ØDXL(mm)
0.1~2.2								3×5 4×5
3.3					3×5	10	13	4×5
4.7				3×5	10	15	18	5×5
10			3×5	20	4×5	15	28	6.3×5
22		3×5 4×5	20	4×5 5×5	30	5×5	25	6.3×5
33		4×5	35	5×5	40	5×5	40	6.3×5
47		4×5 5×5	45	5×5	55	5×5 6.3×5	55	6.3×5
100		5×5 6.3×5	70	6.3×5	80	6.3×5 8×5	70	8×5
220		6.3×5	100	8×5	130	8×5	110	
330		8×5	170					
470	8×5	185						