

Aillen 5mm高105度低阻抗品 CD11EZ Series 5mmL105℃ LOW impedance Product CD11EZ Series

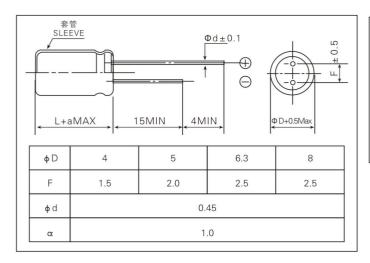
外型圖

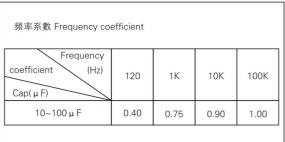
紋波電流修正系數

DIMENSIONS

Unit: mm

RIPPLE CURRENT MULTIPLIER





一覽表 Standard

Voltage (Code)		6.3			10			16		
Сар.(µ F)	Code	Case Size	Impedance	Ripple Current	Case Size	Impedance	Ripple Current	Case Size	Impedance	Ripple Current
10	106							4×5	5.0	50
15	156							5×5	2.6	80
22	226	4×5	5.0	50	5×5	2.6	80	5×5	2.6	80
33	336	5×5	2.6	80	5×5	2.6	80	6.3×5	1.3	115
47	476	5×5	2.6	80	6.3×5	1.3	115	6.3×5	1.3	115
68	686	6.3×5	1.3	115	6.3×5	1.3	115			
100	107	6.3×5	1.3	115	6.3×5	1.3	115			

Maximum Allowable Ripple Current (mArms) at 105°C 100kHz

在105℃ 100kHz條件下的最大紋波值 Maximum Impedance (Ω) at 20°C 100kHz 在20℃ 100kHz條件下的最大Z值

Case Size Φ D x L (mm) 尺寸ΦDxL(mm)

Voltage (Code)		25			35			50		
Сар.(µ F)	Code	Case Size	Impedance	Ripple Current	Case Size	Impedance	Ripple Current	Case Size	Impedance	Ripple Current
1	105				4×5	5.0	50	4×5	5.0	50
1.5	155				4×5	5.0	50	4×5	5.0	50
2.2	225				4×5	5.0	50	4×5	5.0	50
3.3	335				4×5	5.0	50	4×5	5.0	50
4.7	475	4×5	5.0	50	4×5	5.0	50	4×5	5.0	50
6.8	685	4×5	5.0	50	5×5	2.6	80	5×5	2.6	80
10	106	5×5	2.6	80	5×5	2.6	80	5×5	2.6	80
15	156	6.3×5	1.3	115	6.3×5	1.3	115	6.3×5	1.3	115
22	226	6.3×5	1.3	115	6.3×5	1.3	115	8×5	1.1	135
33	336	6.3×5	1.3	115						

Maximum Allowable Ripple Current (mArms) at 105°C 100kHz 在105℃ 100kHz條件下的最大紋波值 Maximum Impedance (Ω) at 20°C 100kHz 在20°C 100kHz條件下的最大Z值

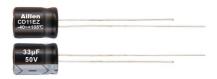
Case Size Ф D x L (mm) 尺寸 Ф D x L (mm)

5mm高105度低阻抗品 CD11EZ Series 5mmL105℃ LOW impedance Product CD11EZ Series EXPERT IN PASSIVE PARTS



產品特點 Features

Guaranteed operating life of more than 1000 hours at +105°C with rated ripple current applied. Super low impedance at high frequency +105℃加額定紋波電流保證壽命1000小時以上。 高頻低阻抗



規格書 SPECIFICATION

項目Item	特性參數Characteristics									
使用温度範圍 Operating Temperature Range	-40~+105°C									
額定電壓範圍 Rated Working Voltage Range	6.3~50V									
容量允許偏差 Capacitance Tolerance	± 20% (M)									
漏電流 Leakage Current	I≤0.01CV or 3(μA) 在常温加額定電壓2分鐘讀數,兩者取大值。 whichever is greater measured after 2 minutes application of rated working voltage at +20℃									
損耗角正切值(20℃,120Hz)	Working Voltage (V)	6.3	10	16	25	35	50			
Dissipation Factor	tan δ (max.)	0.22	0.20	0.16	0.14	0.12	0.10			
	阻抗比 Impedance ratio (120 Hz)								
低温特性 Low Temperature Characteristics	Rated Voltage(V)	6.3	10	16	25~50					
LOW Temperature Characteristics	Z−40°C/ Z +20°C	8	6	4	3					
	在+105℃下,對電容器施加含額定紋波電流的額定工作電壓1000小時,經恢復後: Test temperouture: +105℃,the capacitors shall meet the following limits.									
高温負荷特性	Capacitance Change	Capacitance Change within ±25% of the initial measured value								
High Temperature Loading	Dissipation Factor ≤150% of the initial specified value									
	Leakage Current ≤Initial specified value									
	電容器在+105℃下,存放1000小時, 經恢復後: At +105℃ no voltage applied after 1000 hours ,the capacitors shall meet the following limits.									
高温貯存特性	Capacitance Change within ±25% of the initial measured value									
同画以行行は Shelf Life	Dissipation Factor ≤150% of the initial specified value									
		≤200% of initial specified value								