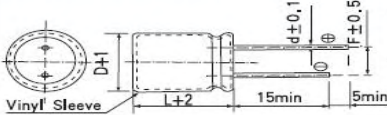




■ CD11H(GF) SERIES

High frequency low impedance

- High frequency, low dissipation factor, low inductance and high ripple current. Load life: 105°C, 2000 hours.

Item	Characteristics										
Size and its tolerance 	D±1	10	12	16	19	22					
	F ± 0.5	5.0			7.5			10.0			
	d ± 0.1	0.6			0.8			1.0			
Operating Temp. Range	-40℃ ~ +105℃										
Rated Working Voltage	6.3 ~ 250V										
Nominal Capacitance Range C _R	0.47 ~ 6800 μ F										
Capacitance Tol. ΔC/C _R	± 20%										
Dissipation Factor tg δ (20℃ , 100Hz)	U _R	6.3	10	16	25	35	50	63	100	160	250
	tg δ	0.22	0.19	0.16	0.14	0.12	0.10	0.08	0.08	0.06	0.06
	0.02 is added to every 1000 μ F increase over 1000 μ F.										
Leakage Current I _L	I ≤0.03·C _R ·U _R (μ A)or 3 μ A(whichever is greater) (1 minute 1)										
Temperature Characteristics (Impedance ratio at 100Hz)	U _R (V)		6.3 ~ 10			16 ~ 35			50 ~ 250		
	Z-40℃/Z+20℃		4			3			2		
Load Life	At +105℃ after applying rated voltage for 2000 hours and then resumed 16 hours:										
	ΔC		≤ ± 20% of initial measured value								
	DF(tg δ)		≤ 200% of initial specified value								
	LC(I _L)		≤ initial specified value								
Shelf Life	At +105℃ after storage for 1000 hours and then resumed 16 hours:										
	ΔC		≤ ± 20% of initial measured value								
	DF(tg δ)		≤ 200% of initial specified value								
	LC(I _L)		≤ 200% of initial specified value								

Nominal capacitance, rated voltage, impedance, rated ripple current and case size table

[illegible]

impedance rated ripple current (+105°C, 100Hz)