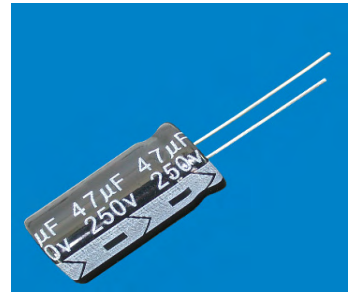
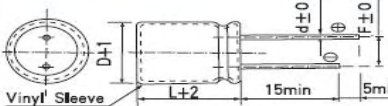


■ CD11Z(SZ) SERIES

Middle and High Vol Tague

- Medium and high voltage, excellent frequency, used in energy-saving electronic ballasts, switch regulated power supplies ect.



Item	Characteristics						
Size and its tolerance 	ϕD	± 0.5		± 1.0			
		6.3	8	10	22	16	19
	$F \pm 0.5$	2.5	3.5	5		7.5	
	$d \pm 0.1$	1.5	0.6	0.6		0.8	
Operating Temp. Range	$-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$						
Rated Working Voltage U_R	160 ~ 450V						
Nominal Capacitance Range C_R	1 ~ 220 μF						
Capacitance Tol. $\Delta C/C_R$	$\pm 20\%$, $+30\%$, -10%						
Dissipation Factor $\text{tg } \delta$ (20 $^{\circ}\text{C}$, 100Hz)	$U_R(\text{V})$	≤ 250			≥ 350		
	$\text{tg } \delta$	0.15			0.20		
Leakage Current I_L	$I \leq 0.03 \cdot C_R \cdot U_R + 10 \mu\text{A}$ (Reading after 1 minute)						
Temperature Characteristics (impedance ratio at 100Hz)	$U_R(\text{V})$	160			> 160		
	$Z-25^{\circ}\text{C} / Z+20^{\circ}\text{C}$	≤ 4			≤ 7		
Load Life	At +85 $^{\circ}\text{C}$ after applying rated voltage for 1000 hours and then resumed 16 hours:						
	ΔC	$\leq \pm 15\%$ of initial measured value					
	$DF(\text{tg } \delta)$	$\leq 150\%$ of initial specified value					
	$LC(I_L)$	$\leq$ initial specified value					
Shelf Life	At +85 $^{\circ}\text{C}$ after storage for 500 hours and then resumed 16 hours:						
	ΔC	$\leq \pm 15\%$ of initial measured value					
	$DF(\text{tg } \delta)$	$\leq 120\%$ of initial specified value					
	$LC(I_L)$	$\leq 200\%$ of initial specified value					

Nominal capacitance rated voltage and case size table

$D \times L$ (mm)	U_R	160	200	250	350	400	450
$C_R (\mu\text{F})$							
1		6.3×12	6.3×12	8×12	8×12	10×12	10×12
2.2		8×12	8×12	10×12	10×16	10×16	10×20
3.3		10×12	10×12	10×16	10×16	10×20	12×20
4.7		10×12	10×16	10×16	10×20	12×20	12×25
10		10×16	10×20	12×20	12×25	12×25	16×25
22		12×20	12×25	13×25	16×25	16×30	16×35
33		12×25	16×25	16×25	16×35		
47		16×25	16×25	16×30	19×40		
100		16×35	19×40	19×40			
220		19×40					