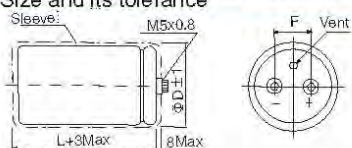


■ **CD13N(PK)**
High Ripple Current

- ▶ Used for storing energy of electric welder and in UPS air conditioners etc.
- ▶ High voltage, large capacitance high ripple current and the device of pressure release.



Item	Characteristics				
Size and its tolerance 	$D \pm 1$	35	50	65	80
	$L + 3$	80~100	80~120	100~120	100~160
	$F \pm 1$	12.0	21.5	26.5	32.6
Operating Temp. Range	$-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$		$-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$		
Rated Working Voltage U_R	160~250V		350~450V		
Nominal Capacitance Range C_R	220~15000 μF				
Capacitance Tol. $\Delta C/C_R$	-10%~+30%				
Leakage Current I_L	$I \leq 0.02 \cdot C_R \cdot U_R (\mu\text{F}) \cdot 5\text{mA}$				
Dissipation Factor $\text{tg } \delta$	$\tan \delta \leq 0.25$				
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			
	$\text{DF}(\text{tg } \delta)$	$\leq 175\%$ of initial specified value			
	$\text{LC}(I_L)$	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			
	$\text{DF}(\text{tg } \delta)$	$\leq 175\%$ of initial specified value			
	$\text{LC}(I_L)$	$\leq 200\%$ of initial specified value			

[illegible]