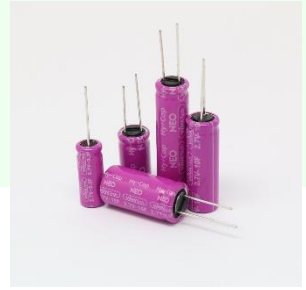


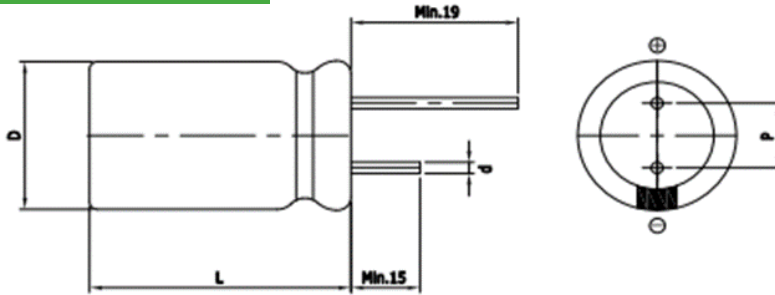
Features

VET (Vina EDLC High Temperature)

- Short-term Peak Power assist applications
- Over 500,000 cycle life (semi-permanent)
- Long-term reliability improved at high temperature
- RoHS compliant
- High Power Density



Drawing



Size	0830
D (Φ)	8.0±1.0
L (mm)	30.0 ±1.5
d (Φ)	0.7 ±0.1
P (mm)	3.5 ±0.5

Specification

Draft

Item		Characteristics	
Rated Voltage (V _R)		2.7V	
Operating Temperature		-40 ~ +85℃	
Capacitance Tolerance		-10 ~ +30%	
High Temperature		After 1,000 hours at V _R loaded under +85℃, capacitors meet the following criteria.	
		Capacitance Change	≤ 30% of initial value
		ESR	≤ 3 times of specified value
Cycle Life Characteristics	Cycle	Over 500,000	
	ΔC	≤ 30% of initial value	
	ESR	≤ 3 times of specified value	
	Method	Cycle of Charge/discharge from V _R to 1/2V _R	
Shelf Life		3 Years No Electrical Charge, Temperature below 25℃ (ΔC : ≤ 10% of initial value / ΔESR : ≤ 100% of specified value)	

Part Number	Rated Voltage (V)	Rated Capacitance (F)	ESR _{AC} (mΩ)	ESR _{DC} (mΩ)	Max Current (A)	Leakage Current (μA)	Size(mm)
							D x L
VET08302R7605G	2.7	6	60	90	5.0	20	08 x 30

* **Max. Current** : Current needed to discharge cell from rated voltage to half-rated voltage in 1 second.

Draft 2023.11.30.