6.0V 2.5F 2 SERIAL MODULE

VINATech

FEATURES

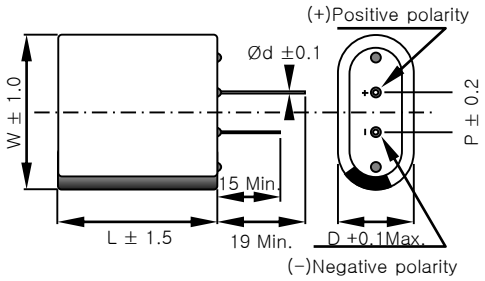
2 units serially connected to provide 6.0V products

Lead terminal type

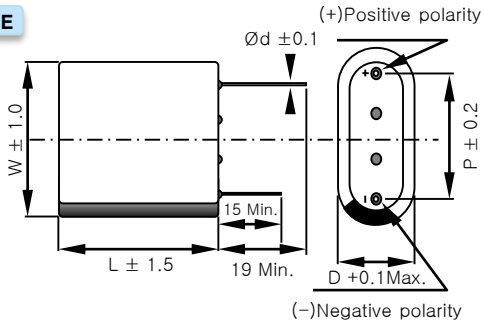
2-Pin terminal type according to customer's requirement

Drawing

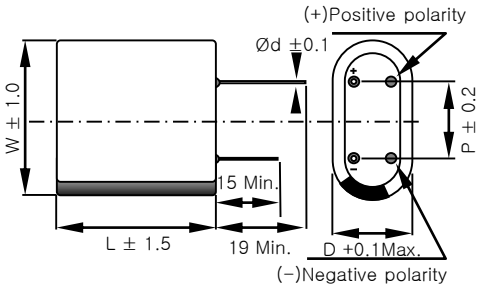
I TYPE



O TYPE



H TYPE



D = 10.5mm

TYPE	I	O	H
P	5.5	15.5	10.5

SPECIFICATION

ITEM		CHARACTERISTICS
Rated Voltage (V_R)		6.0 V
Operating Temperature		-40 ~ +65℃
Capacitance Tolerance		-10 ~ +30%
High Temp. Load Life (65℃)	Measure	After 1,000 hours at V_R loaded under +65℃, capacitors meet the following criteria.
	Cap. Change	≤ 30% of initial value
	ESR Change	2 time of specified value
Cycle Life Characteristics	Cycle	500,000
	Cap. Change	≤ 30% of initial value
	ESR Change	100% increase from specified value
	Condition	Cycle of Charge/discharge from V_R to $1/2V_R$
Shelf Life		2 years No Electrical Charge, Temperature Below 70℃ (ΔC : ≤10% of initial value / ΔESR : ≤ 50% of initial value)

Part Number	Rated Voltage (V)	Capacitance (F)	ESR (mΩ)		Max. Current (A)	Leakage Current (㎃, 72hr)	Size (㎜)	Weight (g)	Volume (㎖)
			AC(1㎑)	DC			D × W × L		
VEC6R0255QG	6.0	2.5	135	205	5.0	0.015	10.5×21×22.5	4.7	4.4

*** Max. Current** : 1 sec. discharge to $1/2V_R$

*** When do module more than 2 series, please fully discharge over 1 hour first, then assemble right after within 1 hour.**

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