

Shanghai Green Tech Co.,Ltd.

THC2W High Energy Tantalum Hybrid Capacitor

(Hermetic sealed & Military standard)

Characteristics and Applications

All tantalum case, hermetic sealed, Cylindrical, redial leads, Polar, with screws, convenient to fix

This product is made up of tantalum capacitor and electrochemical capacitor

Stable electric performance, high reliability, long life, large energy density per unit volume,

Store much energy. Capacitance larger than THC1W.

Used as battery in Energy conversion circuit and power pulse circuit, Perform Energy storage,

filter, power-off delay in circuit.

Standard: QJ/PWV304-2008

How to order: THC2W-10V100000µF-M 100pc

Technical Performance

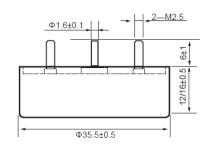
Temperature range: -55 ~+125 85 use derated voltage

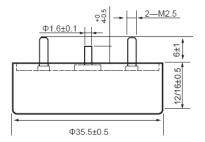
Store environment temperature: -62 ~+130

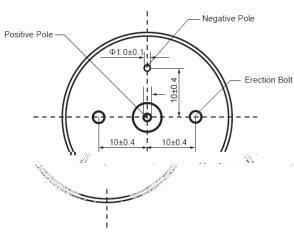
Capacitance tolerance: M=±20% Q=-10%~+30%

Electric performance: see table1

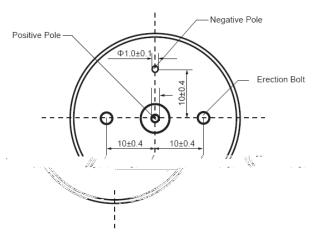
Size and installation 36*12/16 mm





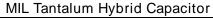


THC2W Φ36x12/16outline (A) Unit:mm



THC2W Φ 36x12/16outline (B) Unit:mm

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Table1 THC2W High Energy Tantalum Hybrid Capacitor's data and size: 36*12/16 mm

Rated	Derated	Surge	Capacitance	tg (%)	ESR	Leakage	capacitance	capacitance
Voltage	Voltage	Voltage	μF	100HZ		current/µA		
(V)	(V)	V			1KHZ			

Notes

- 1, Tantalum capacitors can't been measured by multimeter (Easily cause irreversible damage and lead to reject)
- 2, Capacitance, DF measure frequency: 100Hz,DC offset voltage U₋=2.2⁰-1.0V, Exchange offset voltage U₋=1.0⁰-0.5V(effective value), measure method is by series equivalent circuit.
- 3, Measure the leakage current above 125 ,please use derated voltage. DLC read within 5 minute.
- 4, Special size and big capacitance products, please negotiate with us

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