



a YAGEO company

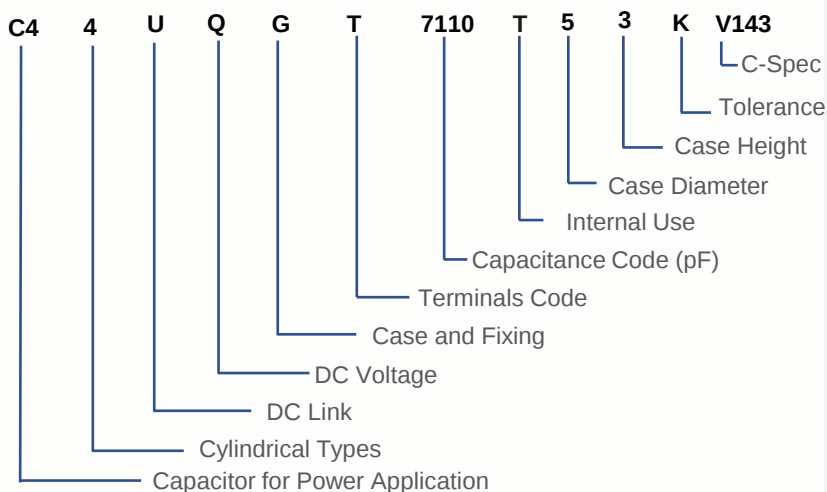
Overview

The C44U-T series is a polypropylene metallized film capacitor with a cylindrical, aluminum can-type design, filled with solid resin. It uses screw terminals for high current and a plastic deck.

Benefits

- Harsh Environment Capability
THB Performance 85°C | 85% R.H. | 1,000 h
 - Grade IIIB in accordance with IEC
- High Temperature up to 105 °C Hot Spot
- Long lifetime
- High Ripple Current Capability
- High Capacitance Density

Part Number System



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Aluminum DC-Link Power Can Film Capacitors

C44U-T



Electrical Characteristics

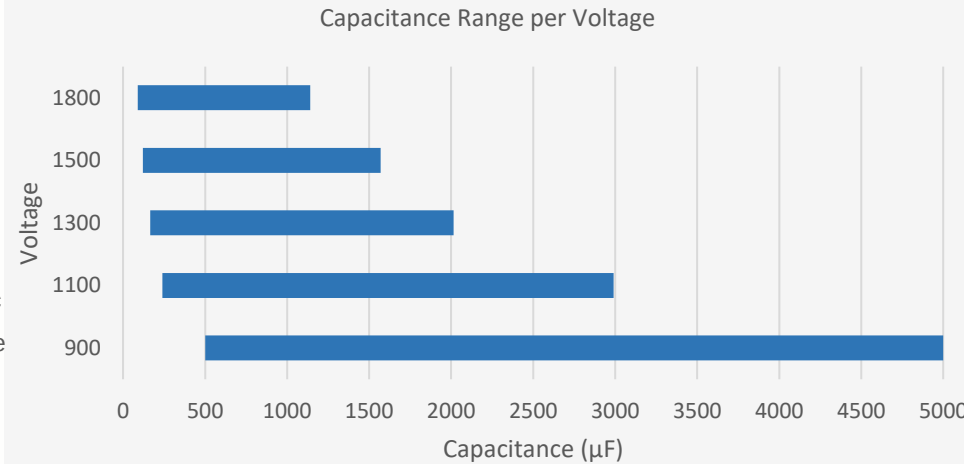
Capacitance Range: 90 μ F - 4500 μ F
Rated Voltage V_{DC} : 900 V - 1800 V

Features

According to UNI EN 45545-2: 2015 for Hazard Levels HL1 - HL2 for Requirements Set R22 and Hazard Levels HL1 - HL2 - HL3 for Requirements Set R23 Available with C-spec

UL810 Construction only

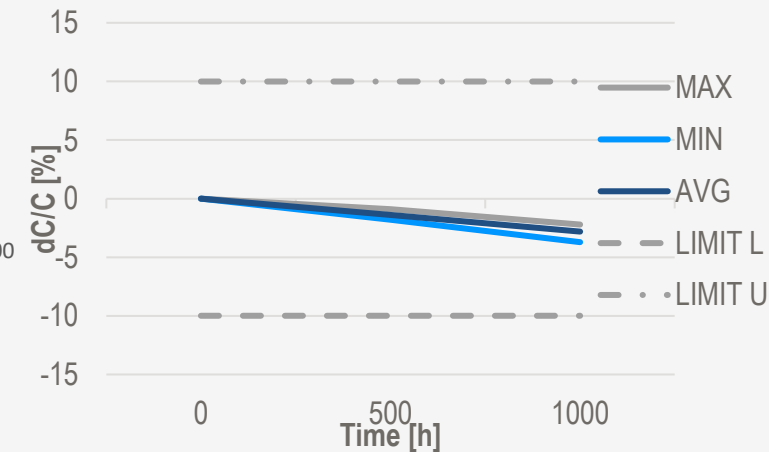
Characteristics



Applications

- Energy Storage
- DC Filtering
- Power Supply
- Traction Converters
- UPS
- DC Link
- DC-DC power converter
- Solar Inverter
- welding equipment
- Rectifiers

Harsh Environment | Accelerated Life Test | 85 °C | 85% R.H. | 1,000 h



<https://ec.kemet.com/film/safety>