

Type CLS 105°C Stainless Steel Flatpack™

Up to 300V with 10,000 Hour Life Rated to -55°C

Knowles' Cornell Dubilier brand of CLS Flatpack™ Electrolytic Capacitors offer high energy density and a low-profile design, now enhanced to operate at up to 105°C for broader application flexibility. Retaining the proven prismatic form factor, the new stainless-steel case improves capacitance and extends operational life, delivering superior performance in demanding environments. This optimized pack improves the existing 125°C model by providing tailored efficiency for applications where extreme temperatures are unnecessary, resulting in better reliability and longevity.

HIGHLIGHTED CAPABILITIES:

- **Extended Operational Life** for mission-critical systems
- **Wide Operating Temperature Range**, rated from -55°C to +105°C, for extreme environmental conditions
- **Increased Efficiency**, reducing energy loss, & improving system reliability
- **Customizable Capacitance & Voltage (VDC)** options available
- **Utilizes Advanced Construction & Electrolyte Chemistry** to achieve high performance in critical applications

SPECIFICATIONS:

Rated Voltage Range	10 Vdc to 300 Vdc
Capacitance Range	150µF to 83,000µF
Temperature Range	-55°C to 105°C
Ripple	Up to 8.67A @ 20 KHz
Load Life Rating	10,000 Hours 105°C At Rated Ripple
Altitude	Up to 80,000 Feet
Vibration Rating	10G Standard/ 30G with HV Design

For more information visit knowles.com



TYPICAL APPLICATIONS:

- Military Aircraft
- Military Vessels
- Ground Based Radar
- Drones
- Missile Defense
- Aircraft Radar Systems