

Impregnated Metalized Paper EMI Suppression Capacitor SMP255, Class X2, 310 VAC, Surface Mount Device

Overview

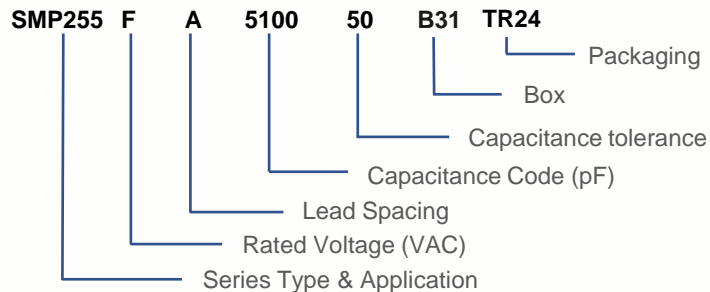
Multilayer, metallized paper, encapsulated and impregnated in self-extinguishing material that meets the requirements of UL 94 V-0.

The capacitors are intended for use as interference suppressors in X2 (across-the-line) applications.

Benefits

- Long Life and Performance Stability
- THB Grade IIB (85°C, 85% RH, 500 hours)
- Operating Temperature range of -40 °C to +125 °C
- Compatible with Pb-free Reflow Profile

Part Number System

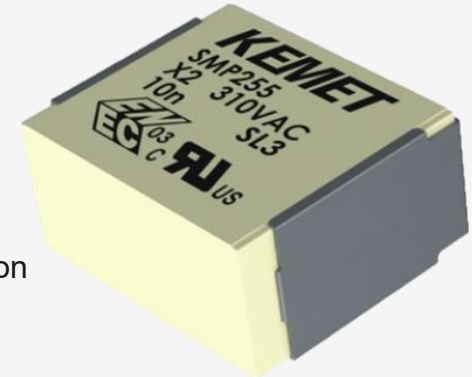


Electrical Characteristics

Capacitance Range: 10-15.0 nF
Rated Voltage V_{AC} : 310 V (50/60 Hz)
Recommended DC Voltage 630 VDC

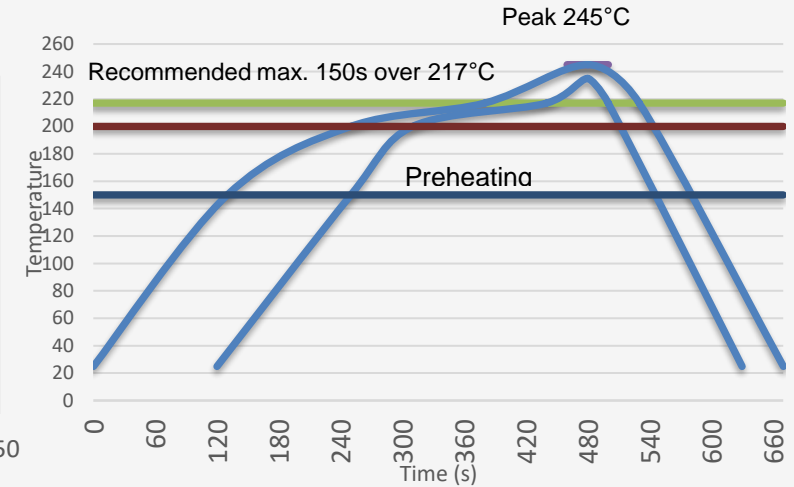
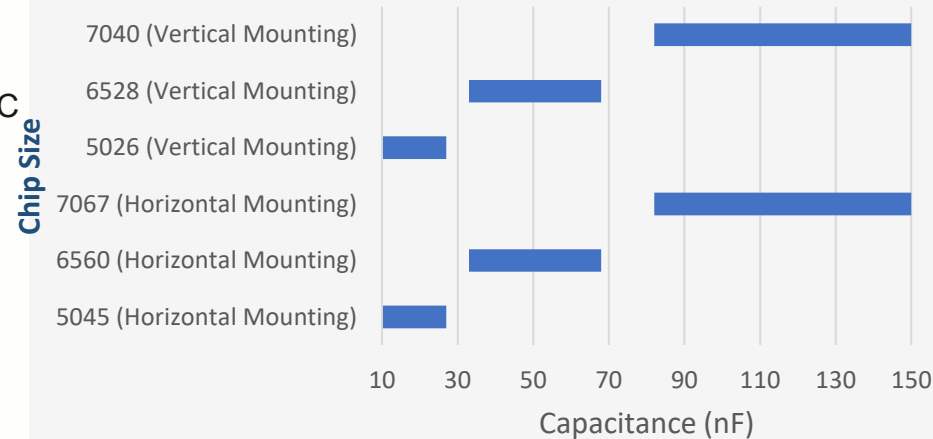
Features

Automotive grade (AEC-Q200)
High Vibration Withstand
High stability against corrosion/electrochemical corrosion



Characteristics

Capacitance Range by Chip Size



Applications

- Switching power supplies
- EMI and AC line filtering
- DC EMI filtering
- EV charging systems
- AC equipment and appliances
- Lighting strike and voltage surge protection
- Isolator