

Panasonic New Product Introduction

OS-CON™ SEK Series Capacitors

Conductive Polymer Aluminum Solid Capacitor

Radial Lead Type



New SEK Series OS-CON™ Polymer Aluminum High Temperature Capacitors For Heavy Industrial And Stressful Environments

Panasonic, a worldwide leader in Capacitor Products, introduces **the New SEK Series** to their industry-leading **OS-CON Aluminum-Polymer Solid Capacitor** product line. The **New OS-CON SEK Series** is ideal for environments requiring high temperature. The **New SEK Series** parts can handle 125°C maximum temperature, making them an ideal choice for heavy industrial and stressful environments. The **New SEK Series** Through Hole Type features a ripple current range of 1.7 to 5 amps. This ensures optimal quality even under the strictest requirements. The **New SEK Series** is also ideal for passing and/or withstanding large amounts of current.

OS-CON Capacitors utilize aluminum and a high conductivity polymer material to offer low ESR, excellent noise reduction and ripple current capabilities. OS-CON parts are characterized by a long life span and minimal changes in ESR throughout the entire rated temperature range.

Features

- Temperature Range: -55°C to +125°C, 1000 h
- High Voltage: 50 V.DC
- 10 – 470 μ F Range Capacitance
- 14 – 80 m Ω ESR
- Halogen Free
- RoHS And REACH Compliant

Benefits

- Highly Stable Temperature Characteristics
- Long Lifetime at High Temperatures
- Can Be Used Widely in Industrial Applications

Industries

- Industrial Server
- Lighting
- Power Supply

Applications

- Power Supply
- High Temperature Environments
- Output Smoothing
- DC Side of Both Inverter and Rectifier Circuits