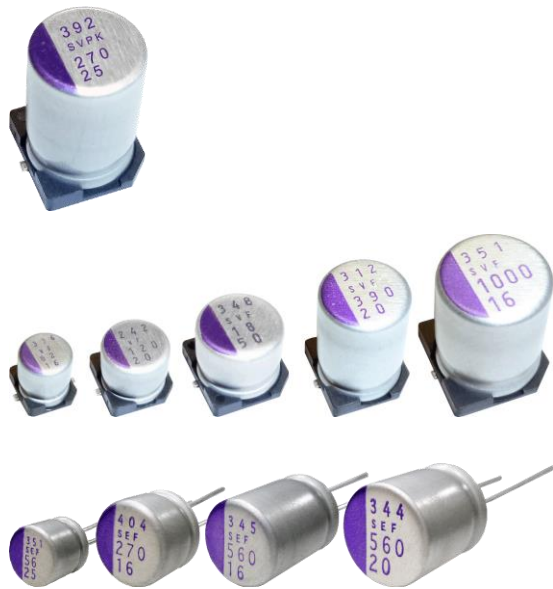


# New OS-CON™ Capacitors

## Conductive Aluminum-Polymer Solid Capacitors



## New OS-CON™ Aluminum-Polymer Capacitors Withstand Severe Temperature Environments!

Panasonic, a worldwide leader in Capacitor Products, introduces three New Series to their industry-leading **OS-CON Aluminum-Polymer Solid Capacitor** product line. These New OS-CON Series are ideal for environments requiring high temperature. Parts can handle 125°C maximum temperature, making them an ideal choice for heavy industrial and stressful environments. The **New SVPK Series** Surface Mount Type features a Ripple Current Range of 1.7 to 5 Amps that ensures optimal quality even under the strictest requirements. The SVPK Series is also ideal for passing and/or withstanding large slugs of current. The **New SVF Surface Mount and SEF Through Hole Type Series** provide capacitance of as high as 1000µF (at 16 V.DC) ensuring that the parts can be used for holding a large amount of charge.

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

| <u>OS-CON™ Series</u> | <u>Voltage</u> | <u>Capacitance</u> | <u>ESR</u> |
|-----------------------|----------------|--------------------|------------|
| SVPK                  | 50 V.DC        | 10 – 470 µF Range  | 14 – 80 mΩ |
| SVF                   | 50 V.DC        | 1,000 µF Max.      | 12 – 40 mΩ |
| SEF                   | 35 V.DC        | 1,000 µF Max.      | 12 – 35 mΩ |

- 125°C Temperature Range, 1000 h
- Halogen Free
- RoHS Compliant

### Benefits

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

### **Industries**

- Industrial Electronics
- Telecommunications
- Test and Measurement
- Appliances

### **Applications**

- Power Supply
- Memory Hold
- High Temperature Environments
- Output Smoothing
- DC Side of Both Inverter and Rectifier Circuits
- LED Lighting
- PC/Server
- Set Top Box
- Audio/Video Equipment
- FPGA Power Delivery
- Router/Switch/Base Station