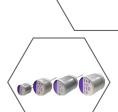New Product Introduction

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

OS-CON™ Series	Voltage	Capacitance	ESR
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, 1000h
• 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

CA **CAPACITORS**

REACH COMPLIANT   RoHS COMPLIANT