# Panasonic

New Product Introduction



# New **OS**-CON Capacitors **Aluminum-Polymer Solid Capacitors**



# Long Life Span and Minimal Changes in ESR Throughout the Rated Temperature Range

Panasonic, a worldwide leader in Capacitor Products, introduces OS-CON Aluminum-Polymer Solid **Capacitors** to their Capacitor product line. Available in both surface mount and through hole types, the **OS-CON product line** spans several Series of Solid Electrolyte Aluminum Capacitors, which include the SVP, SVPC, SVPF, SVPE, SEP, SEPC, and SEPF Series. 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**

- Very Low ESR (Down to  $5m\Omega$ )
- Large Capacitance (Up to 2700µF)
- High Temp Reflow Solder Capable
- RoHS Compliant

#### **Benefits**

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

#### Industries

- Consumer Electronics
- Industrial Electronics
- Telecommunications
- Appliances

## **Applications**

- LED Lighting
- PC/Server
- Set Top Box
- Audio/Video Equipment
- FPGA Power Delivery
- Router/Switch/Base Station
- Test and Measurement

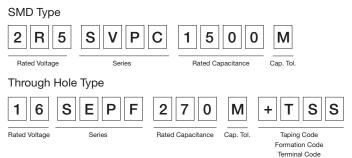
#### **Series Information**



SVP, SVPC, SVPF, SVPE, SEP, SEPC, SEPF Series

Series	Voltage	Capacitance	ESR
SVP	2.5-25 VDC	3.3-1500 µF	<b>12-260 m</b> Ω
SVPC	2.5-16 VDC	39-2700 μF	<b>9-35 m</b> Ω
SVPF	16-50 VDC	10-1000 μF	<b>12-40 m</b> Ω
SVPE	2-16 VDC	150-1200 μF	<b>8-20 m</b> Ω
SEP	2.5-25 VDC	6.8-1500 μF	<b>12-80 m</b> Ω
SEPC	2.5-16 VDC	100-2700 μF	<b>5-24 m</b> Ω
SEPF	16-35 VDC	22-1000 μF	<b>12-35 m</b> Ω

## Part Number Information



# Additional Information

For detailed specification information on the OS-CON Line of Polymer Aluminum Solid Capacitors, visit our website at:

www.panasonic.com/industrial/electronic-components/capacitive-products/

Website: www.panasonic.com/industrial industrial@us.panasonic.com 1-800-344-2112

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