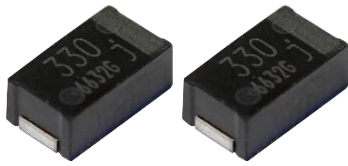


## **NEW CY / SY Series SP-Cap™ Specialty Conductive Polymer Aluminum Electrolytic Capacitors**



### **Panasonic's Newest SP-Caps Redefine The Term "Specialty" Capacitor!**

#### **The NEW CY / SY Series SP-Caps From Panasonic Provide Amp Up Ripple Current, Endurance and ESR Capabilities In A 3mm Package!**

Panasonic, a worldwide leader in Capacitor Products, announces the **NEW CY / SY Series** Surface Mount Specialty Conductive Polymer Aluminum Electrolytic Capacitors. Panasonic's **NEW CY / SY Series SP-Caps** provide extremely high ripple current in the range of 5100 mAr.m.s for CY Series parts and 6300 mAr.m.s for SY Series parts. The high ripple current capability ensures the parts are designed to withstand high load levels and makes the **NEW CY / SY Series** ideal for applications such as wearable devices and network equipment. The **NEW CY / SY Series SP-Caps** are high-temperature Capacitors that have an endurance of 2,000 hours at 85°C. Their endurance increases ten times with a 20°C temperature drop which translates to 20,000h at 65°C allowing the **NEW CY / SY Series SP-Caps** to provide extremely long life when designed in! Combine all those specifications with a low ESR and only a 3mm maximum height, Panasonic's NEW CY / SY Series SP-Caps are redefining the term "Specialty" Capacitor!

#### **Features / Benefits**

- High Temperature / Long Life: 2000 Hours at 85°C, 20,000 Hours at 65°C
- Very High Ripple Current Range: 5100 mAr.m.s for CY Series  
6300 mAr.m.s for SY Series
- Product Height: 3.0mm Max.
- High Temperature Lead-Free Reflow
- High Capacitance and High Ripple Current
- Operating Temperature Range: -55 °C to +85 °C
- RoHS / REACH Compliant

#### **Industries:**

- Communications Infrastructure
- Smart Device

## Applications:

- Wearable Devices
- Network Devices
- Other Capacitor Applications