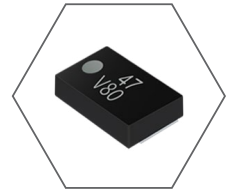## Line Extension

# POSCAP™ TQS Series Capacitors

## Conductive Polymer Tantalum Solid Capacitors Surface Mount Type

**POSCAP™ TQS Series Polymer Tantalum Solid Capacitors NEW 35TQS47MEU Model Offers High Voltage In A Low Profile Of 1.5mm Maximum Height And 2,000 Hours At 105°C!**

Panasonic, a worldwide leader in Capacitor Products, introduces **the New TQS Series part number 35TQS47MEU** to the industry-leading **POSCAP™ Conductive Polymer Tantalum Solid Capacitor** product line. The **New POSCAP 35TQS47MEU** is ideal for environments requiring a low profile part and high temperature combined with high endurance up to 2,000 hours. The **New 35TQS47MEU TQS Series** part features high voltage and large capacitance in a low profile (1.5mm Max Height).

POSCAP Capacitors utilize sintered tantalum as an anode system and highly conductive polymer created with Panasonic's unique method as a cathode system. This enables POSCAP Capacitors to be thin, small and at the same time have low ESR (Equivalent Series Resistance) and superior high frequency characteristics. And now Panasonic has added a Low Profile option to the POSCAP Capacitors family of products! These features make POSCAP one of the best candidates for digital/high frequency applications. POSCAP also has high reliability and heat resistance.

The **NEW POSCAP TQS Series 35TQS47MEU** model can withstand 105°C for 2,000 hours. High reliability in tough applications, the **NEW 35TQS47MEU** model is an ideal Capacitor for usage in server, base station and industrial applications.

## Features

- Endurance: 2,000 hours 105°C
- High Voltage: 35 V Max., 47uF
- Low Profile: 1.5mm Max Height
- Voltage Range: 16 V.DC To 35 V.DC
- Halogen Free
- RoHS And REACH Compliant

## Benefits

- Low Profile
- Long Life
- Highly Reliable
- Advantageous In Size Constrained PCBs

## Industries

- SSD
- Server, Data Center
- Network Infrastructure
- Industrial Equipment

## Applications

- Backup Capacitor For Energy
- Power Circuit For Server, Data Center
- Power Circuit For Base Station
- Power Management Systems
- SSD/HDD

**CA** CAPACITORS

REACH COMPLIANT

RoHS COMPLIANT