

KO-CAP, AO-CAP, EO-CAP, PHS, Stacks and Modules





Overview

Polymer electrolytic capacitors demonstrate a stable capacitance across a variety of application conditions and excellent volumetric efficiency, making them ideal for use cases that require consistent capacitance in a small area.

Electrical Characteristics

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|-----------------------|---|
| Operating Temperature | -55°C to +85°C / 105°C / +125°C / +150°C |
| Rated Capacitance | 4.7 – 2700 μ F (\pm 20% tolerance) |
| Rated ESR at 100 kHz | 3 – 220 m Ω maximum |
| Rated Voltage | 2.0 – 100V |

Polymer Variations

| SMD Chips | SMD Cans | Axial | SMD Stacks | Hermetically Sealed Modules |
|--|---|---|---|---|
|  |  |  |  |  |
| KO-CAP NEO-CAP AO-CAP PHS SMD | EO-CAP A76x A75x | PHS T550 551 | Stacks TSP | Modules M55 |

Benefits

- Stable capacitance across conditions
- Broadband low ESR
- High volumetric efficiency
- No piezoelectric noise

Polymer Electrolytic Capacitors Selection Guide

