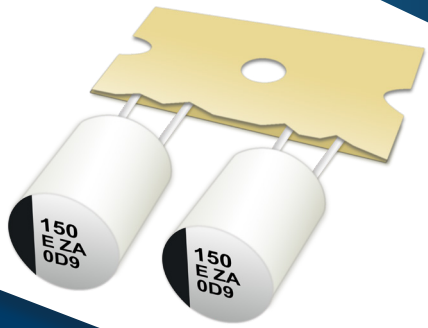


# Conductive Polymer Hybrid Aluminum Electrolytic Capacitors - THT Type

**Panasonic**  
INDUSTRY



## Hybrid Capacitor all series as THT

In many industries, THT type capacitors are still needed. Panasonic answers this demand by offering THT types of all Hybrid Capacitor series. They achieve low ESR (down to 11mΩ), withstand high voltage and offer high reliability through the use of „hybrid electrolyte“ - consisting of conductive polymer and electrolytic liquid. With the same specifications as SMD type, THT type covers a Capacitance of up to 560μF, supporting 25V - 80V with an endurance from 10.000h@105°C to 1.000h@150°C. All series for Polymer Hybrid capacitor can support THT ammo pack taping (Φ8 and Φ10 products are available).

## Key Features

- High Ripple Current: up to 4A
- Ammo pack taping (Φ8 and Φ10 products)
- Low ESR
- Rated voltage: 25V - 80V
- Endurance: 10.000h @105°C to 1.000h@150°C\*
- Temperature range: -55°C to 150°C\*
- AEC-Q200 compliant

\*depending on series



### Automotive

- Pump
- Engine cooling fan
- EPS



### Power Supply

- DC side of Inverter circuit
- DC side of Rectifier circuit



### Communication

- DC/DC Converter
- AC/DC Converter



For further information, please contact [capacitor@eu.panasonic.com](mailto:capacitor@eu.panasonic.com)