

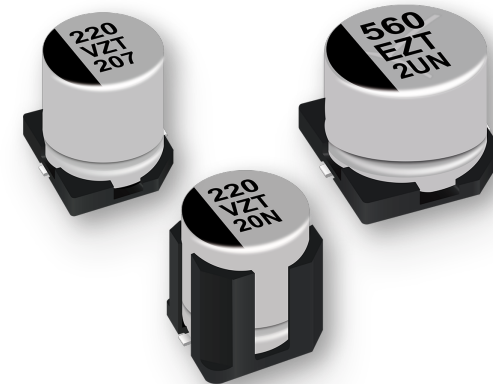
IN Your Future

Hybrid Capacitor

ZTU Series

Capacitors for highest capacitance and highest ripple current in market

Hybrid capacitor's ZTU Series is a further step in miniaturization of components, e.g. for $\varnothing 10 \times L 10.2 \text{mm}$ to $\varnothing 8 \times L 10.2 \text{mm}$ the ripple current performance compared to ZC series has increased by 75% to 100%. ZTU offers a high endurance rating of 125°C 4000h & 135°C 4000h and high ripple current values of up to $3.5\text{A}@125^\circ\text{C}$ with improved ESR performance. The high ripple current characteristics in miniaturized body can contribute to reduce the number of required capacitors on the PCB. Adoption of ZTU series in DC/DC converter applications decreases the PCB area up to 50% when compared to ZC series. Being AEC-Q200 compliant ZTU series ensures optimal quality and reliability.



Key Features

- Rated Voltage of 25 ~ 35VDC
- Endurance rating with double spec of 125°C 4000h and 135°C 4000h
- AEC-Q200 compliant
- Higher Ripple current up to 3.5A
- Capacitance $220\mu\text{F} \sim 560\mu\text{F}$
- ESR best in class
- Super low leakage current
- 30G Vibration Proof parts available



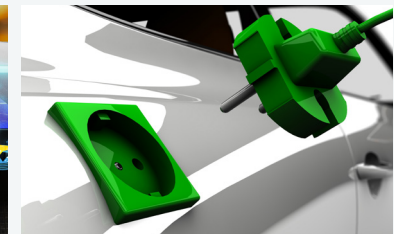
Industrial / Communication

- DC/DC Converter
- AC/DC Converter
- Motor inverter (Robotics etc.)




Automotive

- EPS
- Pump
- ADAS



Power Supply

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

 For further Information, please contact capacitor@eu.panasonic.com

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INDUSTRY

Your Committed Enabler