

Featured Products

Hybrid Polymer Aluminum Electrolytic Capacitors HXA Series

4,000 hours operation at 125°C guaranteed. Ideally suited for Input/Output filtering and smoothing in Automotive and other high temperature applications where open circuit failure mode is mandatory..



United Chemi-Con's HXA series -55 ~ +125°C SMD Hybrid Polymer Aluminum electrolytic capacitors are recommended for applications that need the attributes such as Low ESR-High Ripple Current capability and stable temperature characteristics of pure Polymer Aluminum capacitors with much higher rated voltage, stable leakage current after soldering and open failure mode. Pure Polymer Aluminum capacitors may experience short circuit failures in high humidity applications over 16Vdc. Beware of other makers of pure Polymer Aluminum that offer higher voltage than 25Vdc. In Automotive applications, the market has seen short circuit failures in those producers.



Due to the downsizing requirement trend in Automotive electronics these new Hybrids were developed so 1 pc can replace as many as 6 pcs of a standard +125°C aluminum electrolytic capacitors used in parallel.

Use Chemi-Con Hybrid capacitors for the improvement of your mid-voltage circuit operation today.

Features

- Endurance : 125°C 4,000h
- Voltage : 16 to 80V
- Capacitance : 10 to 470 μ F
- Size : SMD 6.3mm ~ 10mm \varnothing

Applications

- ECU
- GPS/Camera Modules
- DC-DC Converter
- Radars