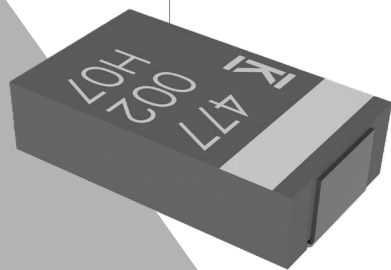


PRODUCT OVERVIEW

The **YAGEO Group A720 and A798 Series** are **Aluminum Polymer Electrolytic capacitor General Purpose Grade** designed to offer extended life capability and to combine high temperature, and high humidity capability in the demanding **computing and enterprise systems**.

The A720 is upgrade from 105°C to 125°C/2000h and release a new extended capability of 125°C/3000h in 6, 4.5 and 3mOhm. Adding also two new CV extensions 7343-20 820uF2V and 220uF6.3V

The A798 releases the new extended capability 125°C/3000h in 6, 4.5 and 3mOhm



Quick Facts

Voltage : 2 - 2.5V

Capacitance Range: 470-820μF

ESR: 3, 4.5 and 6mOhm (RT, 300kHz)

Construction: EIA 7343-20

Certifications: A798 follows AEC-Q200

Contact & Information

For special requests (custom designs, lifetime extensions, etc.) contact regional Tantalum PM team representative



A700/A720

A798

CAPACITORS

Aluminum Polymer

High Humidity, High Temperature



Key Selling Points

Features

- **Solid polymer cathode technology**
- **Lower ESR and Low Thermal Resistance**
- **Higher Category Temperature and extended life**
- **Electrical parameters stability (capacitance, ESR, DCL,...) in temperature and humidity**
- **No voltage derating**

Target Applications

- **Computing and Enterprise Systems (Servers: CPU, GPU; Networking: switch, routers, DPU,)**
- **AI Servers**
- **New Robots / Humanoid Designs**

NEW

CV Extensions

A720V827M002 6/4.5 and 3mOhm

A720 + A798V477M 002 PPE003 (125°C/3000h)

A798V477M 2R5 PPE003 (125°C/3000h)

A720 + A798V567M 002 PPE003 (125°C/3000h)

A798V567M 2R5 PPE003 (125°C/3000h)

Customer Value

- Stability / High-Performance response at high frequencies due to extended capacitance retention and lower ESR/ESL.
- Longer operational life / No dry out
- Lower Loss capacitors
- High Reliability,
- Excellent Performance in longer life applications

Market Advantages

- New part numbers, 820uF2V, and extended capabilities 125°/3000h with 6, 4.5 and 3mOhm give designers better performance components for demand mission profiles application in datacenters

Upgrade Capabilities

A720V477M002 6/4.5 and 3mOhm 125°C/2000h

A720V567M002 6/4.5 and 3mOhm 125°C/2000h