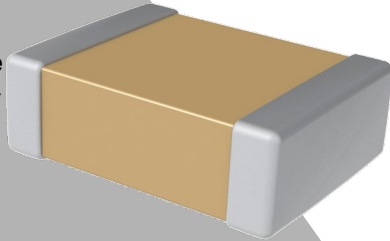


PRODUCT OVERVIEW

YAGEO Group's High Reliability Alternative (HRA) series is designed, tested, and screened to meet the demands of higher reliability applications that require capacitance values not available in traditional MIL-SPEC products.

YAGEO Group's HRA series is built using more conservative designs as compared to Automotive and COTS grade along with voltage conditioning and lot-release testing.



Quick Facts

Capacitance Range: 39 pF to 22 μ F

Construction: Standard and Flexible Termination

Screening:

Voltage conditioning per MIL-PRF-32535

Contact & Information

For special requests contact regional Product Managers.

QR Link to catalog:



CAPACITORS

Multilayer Ceramic Capacitors

High Reliability Alternative (HRA) Series

YAGEO GROUP
Built into Tomorrow



Key Selling Points

Features

Patented BME Technology

Operating temperature range -55°C to +125°C

DC voltage ratings of 6.3V to 100V

EIA 0402 – 2220 case sizes

X and Z Level

100% Sn, SnPb, and Au plating options available

Customer Value

Higher CVs compared to MIL products

Conservative Designs

Voltage Conditioning

Lot Traceability

Lot Release Testing

Target Applications

- Decoupling
- Bypass
- Filtering
- Transient Voltage Suppression

Market Advantages

- Need higher capacitance values than traditional MIL-PRF-32535 parts can offer?
- Utilizes KEMET's patented Base Metal Electrode (BME) technology to deliver up to 5x the capacitance of comparable MIL-PRF-32535-qualified devices.
- Designed, tested, and screened to meet the demands of high-reliability applications requiring capacitance values beyond MIL-SPEC limitations.
- Undergoes voltage conditioning and post-electrical testing per MIL-PRF-32535 (5% PDA).