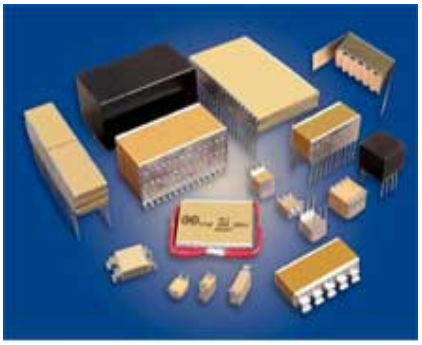
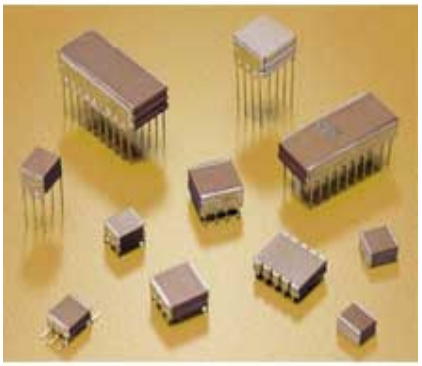
micross components





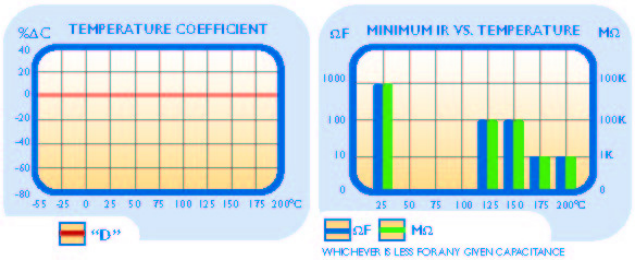
High Temp Chip Capacitors

Micross Components can offer COG Chip Capacitors and Class II Chip capacitors designed and tested to operate from –55°C to 200°C.

Extreme High Temp applications such as Avionic/ Aeronautical Engine systems and Oil Exploration would benefit from this product.

200°C High Temp – COG

- Operating Temp –55° C to 200°C
- Temp Coefficient (up to 200°C) - 0 ±30ppm/°C
- Dissipation Factor (25°C) 0.001 (0.1%) Max
- Insulation Resistance at 25°C >100GΩ or >1000ΩF.
  at 200°C > 1GΩ or >10ΩF
- Dielectric Withstanding Voltage (*whichever is greater)
  - <200V, 250%
  - 201-500V, 150% or 500V*
  - >500V, 120% or 750V*
- Aging Rate of 0% per decade
- Testing parameters of 1KHz, 1.0 ±0.2 VRMS, 25°C
  1MHz for Capacitance <100pF



200°C High Temp – Class II

- Operating Temp –55° C to 200°C
- Temp Coefficient) up to 200°C) - +15 –65 ΔC Max
- Dissipation Factor (25°C) 0.25 (2.5%) Max
- Insulation Resistance at 25°C >100GΩ or >1000ΩF.
  at 200°C > 1GΩ or >10ΩF
- Dielectric Withstanding Voltage (*whichever is greater)
  - <200V, 250%
  - 201-500V, 150% or 500V*
  - >500V, 120% or 750V*
- Aging Rate of 2% per decade
- Testing parameters of 1KHz, 1.0 ±0.2 VRMS, 25°C
  1MHz for Capacitance <100pF

For further information regarding the extensive range Micross supports, please go to http://www.micross.com/distribution.aspx or email chipcomponents@micross.com

2 Hellesdon Park Road, Drayton High Road, Norwich, Norfolk, NR6 5DR Tel: +44 1603 788967 Fax: +44 1603 788920
www.micross.com