

## Mil-Grade Capacitors

Microcross Components in partnership with Syfer Technology can offer wide range of Military Grade components including:

### MIL (BX/BP Grade)

Tested to MIL PRF 55681. The BX dielectric is limited to a +/- 15% max capacitance change from -55°C to 125°C, and to a +15% -25% maximum change with a working voltage applied.

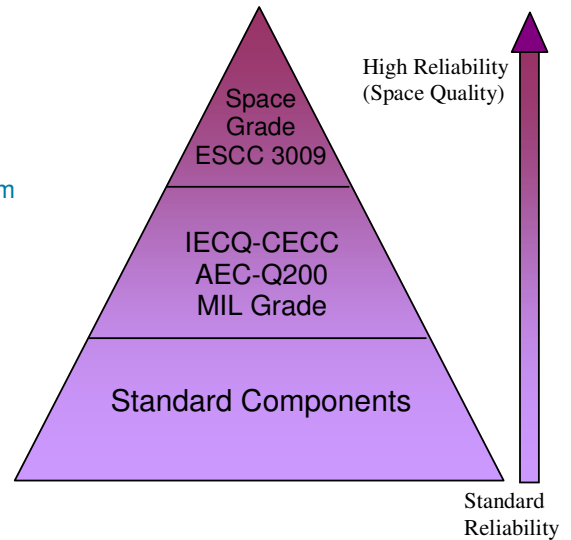
### IECC-CECC

These are a range of Hi-Rel MLCC suitable in critical or high reliability applications. 100% fully tested, NP0/C0G & X7R dielectrics released to the following:

- Released in Accordance to IECC-CECC QC32100
- Qualified to the requirements of AEC-Q200
- Qualified to the requirements of ESCC 3009 European Space Specification

### EIA

Available as Class II Stable High-Temp, these have a temperature range of -55°C to 200°C with a 0% ageing rate. Popular EIA caps are also offered in Thin-Profile design, suitable for height-sensitive applications.



**Check our on-line stock list for your current requirement. For a quote on any of these components, please contact us below.**

### Testing and Qualification

Standard Components can be tested to:

MIL PRF 55681- General purpose military high specification for SMD components.

MIL PRF-123 – This level provides increased reliability above that of the MIL-PRF 55681

MIL PRF 38534 – Two classification levels for reliability available with this specification Class H and Class K

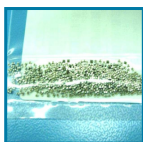
SCD - Microcross can test in accordance to a customers SCD specification.

### **Shipping Methods include:**

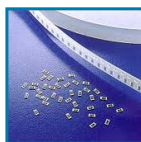
Waffle / Gel Packs



Bulk



Tape and Reel



### Hybrid & HDI Chip Capacitors

Microcross can support wire-bondable thin film Si Capacitor chips which is a desired choice for Hybrid and HDI assemblies.

- Small Size
- Excellent Performance
- High Capacitance Values from 1 – 1000pF
- Two different topologies are offered for single or parallel connections.

**For further information regarding the extensive range Microcross supports, please go to <http://www.microcross.com/passives-chip-resistors.aspx> or email [chipcomponents@microcross.com](mailto:chipcomponents@microcross.com)**