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- The 3200 Series device should be used in applications where high reliability and mission safety are critical.
- The 3200EM device that employs the same design and materials as the 3200 is available for ground testing of engineering mockups, as a lower-cost alternative.
- In military applications, device selection initially depends on the need for qualification to MIL-PRF-24236. If the device must be qualified and appear on the Qualified Products List (QPL), the selection limits to the 3MS1 Series.
- If qualifications to MIL-PRF-24236 are not mandatory, device selection should be based on configuration and environmental requirements.
- See individual product sheets for additional information.

**High Reliability Applications**

- **MILITARY**
  - QPL Non-QPL
  - 3MS1 Series
  - 3000 Series
  - 3153 Series
  - 3500 Series

- **COMMERCIAL AIRCRAFT**
  - QPL Non-QPL
  - 3000 Series
  - 3153 Series
  - 3500 Series

- **SPACE SHUTTLE/SATELLITE**
  - Flight
  - Ground Testing
  - 3200 Series
  - 3200EM Series

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**Precision Thermostat Selection Guide**

**Performance Qualifications**

- **Applications**
  - Shock
  - Vibration
  - Acceleration
  - Thermal Shock
  - Dielectric Strength
  - Insulation Resistance
  - Contact Resistance
  - Hermetic Seal
  - Moisture Resistance

- **Testing Standards**
  - MIL-STD-202 Method 213
  - MIL-STD-202 Method 204
  - MIL-STD-202 Method 212
  - MIL-STD-202 Method 107
  - MIL-STD-202 Method 301
  - MIL-STD-202 Method 302
  - MIL-STD-202 Method 307

- **Qualification Requirements**
  - 3200 Series: MIL-PRF-24236
  - 3200EM Series: MIL-PRF-24236
  - 3MS1 Series: MIL-PRF-24236
  - 3500 Series: MIL-PRF-24236
  - 3153 Series: MIL-PRF-24236
  - 3000 Series: MIL-PRF-24236

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