1. GENERAL REQUIREMENTS:
   A. Units shall meet the requirements of Specification MIL-R-26, Characteristic G, for insulated types; except as and in addition to the requirements specified herein. Military qualification testing is not required.

2. ELECTRICAL REQUIREMENTS:
   A. Power rating: 3 watts.
   B. Resistance tolerance: ± 1%.
   C. Temperature coefficient: ± 30 PPM/°C.
   D. Maximum rated continuous working voltage: 150 volts.

3. CONSTRUCTION REQUIREMENTS:
   A. Resistance element: Resistance wire used shall have a minimum diameter of 0.001 inch.
   B. Housing: Metal tubing.

4. QUALIFICATION:
   A. Units shall meet the requirements of MIL-STD-147.

5. QUALITY ASSURANCE REQUIREMENTS:
   A. Suppliers shall conform to the quality assurance provisions contained in NASA Specification ND-1015404, Class 2.

6. TEST REQUIREMENTS:
   A. Burn-in test: The manufacturer shall burn in all resistors for 100 hours at +25°C at 3 watts. Resistance change shall not be greater than 0.5% and shall not exceed the initial purchase tolerance.