REQUIREMENTS:

1. GENERAL:
   a. Units shall be capable of meeting the applicable requirements of MIL-R-93 characteristic C; except as and in accordance with Government Standards prescribed in MIL-D-70327.
   b. Inspection and acceptance:
      i. Resistance values: See Table.
      ii. Resistance tolerance: See Table.
      iii. Temperature coefficient: warm 10 ppm/°C, cold 0.1 ppm/°C.
   c. Lead data: Weldable grade A 60% plated nickel.
   d. Marking: Mark units per AO 1002019 with the NASA part number, vendor and revision letter and the manufacturer's name and/or symbol, the manufacturer's part number, and/or symbol, the material of the component, and the part of the drawing to which it applies.
   e. Special conditions by supplier:
      i. Burn-in: 100 hours @ 125°C @ 1/10 watt (AC or DC).
      ii. Any part which changes more than 0.1% shall be rejected.

2. DESIGN REQUIREMENTS:
   a. Power rating: 1/10 watt at +125°C derived to zero at 145°C.
   b. Maximum voltage rating: 250 volts.
   c. Stability: 100 ppm/year at +25°C at 1/2 rated power.
   d. Temperature rise: 50°F above ambient.
   e. Each lead shall be capable of withstanding two (2) bends of 180° and without changing more than 0.1%.
   f. Each lead shall be capable of withstanding an axial pull of four (4) pounds minimum.

3. PERFORMANCE:
   a. Resistance values above 350k are not available.
   b. Performance shall be evidenced after the test.

4. SPECIAL CONDITIONS BY SUPPLIER:
   a. Special conditions by supplier:
      i. Any part which changes more than 0.1% shall be rejected.

NOTES:

1. Resistance values above 350k are not available, per the requirements of this drawing and MIL-R-93, using .001 Min. wire.

PROCURE ONLY FROM APPROVED SOURCES LISTED ON AO 1002019 FOR THIS DRAWING.
**NOT 2:** DASH NO. 34 TO 217 NO DASH 375, 376

**SHALL HAVE TEMP COEFFICIENT OF 3 PPM/°C BETWEEN THE TEMPERATURES OF 0°C TO 65°C, AND SHALL HAVE SPECIAL STABILITY FEATURE OF 50 PPM/°C @ 25°C AT 1/2 RATED POWER**