REQUIREMENTS:

1. GENERAL:
   A. UNITS SHALL BE CAPABLE OF MEETING THE APPLICABLE REQUIREMENTS OF MIL-R-93 CHARACTERISTIC C; EXCEPT AS AND IN ADDITION TO THE REQUIREMENTS SPECIFIED HEREIN.
   B. PACKAGING: UNITS SHALL BE PACKAGED PER MIL-D-1015404 CLASS 2.
   C. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS OF MIL-R-93, USING .001 MIN. DIA, WIRE, AND OR SYMBOL, THE MANUFACTURER'S PART NUMBER MAY APPEAR ON THE PART OR PACKAGE. MARKING OF UNIT PACKAGES AND EXTERIOR SHIPPING CONTAINERS SHALL INCLUDE NASA PART NUMBER AND REVISION LETTER.

2. INSPECTION AND ACCEPTANCE:
   A. RESISTANCE VALUES: SEE TABLE.
   B. RESISTANCE TOLERANCE: SEE TABLE.
   C. TEMPERATURE COEFFICIENT: ABOVE 1.0, 15 ppm/°C, (EXCEPT AS SPECIFIED IN NOTE 1). IN NOTE 1, 300 ppm/°C, 120° TO 165°C.
   D. LEAD DATA: WELDABLE GRADE A GOLD PLATED NICKEL.

3. DESIGN REQUIREMENTS:
   A. POWER RATING: 1.00 WATT AT +125°C DERATED TO ZERO AT 165°C.
   B. MAXIMUM VOLTAGE RATING: 150 VOLT.
   C. STABILITY AT 125°C AND 90% RELATIVE HUMIDITY: 100 PPM/YEAR MAX.
   D. TEMPERATURE RANGE: MINUS 65°C TO PLUS 125°C.
   E. EACH LEAD SHALL BE CAPABLE OF WITHSTANDING TWO (2) BENDS UNDER A TWO (2) POUND VERTICAL PULL, LEADS VERTICAL WITH RESPECT TO UNIT BODY. TWO (2) BENDS SHALL BE ACCOMPLISHED BY MOVING THE BODY OF THE UNIT, WHILE IN THE PLANE, THROUGH 90° IN ONE DIRECTION, THEN BACK 180° TO THE ORIGIINAL POSITION. NO MECHANICAL DAMAGE OR LOSS OF PERFORMANCE SHALL BE EVIDENCED AFTER THE TEST.
   F. EACH LEAD SHALL BE CAPABLE OF WITHSTANDING AN AXIAL PULL OF FOUR (4) POUNDS MINIMUM.

4. SPECIAL CONDITIONING BY SUPPLIER:
   A. BURN IN: 100 HOURS @ 125°C @ 1/10 WATT (AC OR DC). REJECT ANY PART WHICH CHANGES MORE THAN 0.1% OR CANNOT MEET PURCHASE TOLERANCE.

NOTES:
1. RESISTANCE VALUES ABOVE 35K ARE NOT AVAILABLE, PER THE REQUIREMENTS OF THIS DRAWING AND MIL-R-93, USING .001 MIN. DIA, WIRE, PROCURE ONLY FROM APPROVED SOURCES LISTED ON NHO02034 FOR THIS DRAWING.