REQUIREMENTS:

1. GENERAL:
   A. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
   B. UNITS SHALL MEET THE REQUIREMENTS OF MIL-R-935 WITH ANY ADDITIONS AND EXCEPTIONS AS NOTED HEREIN.
   C. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS AS CONTAINED IN ND 1015400 CLASS 2.
   D. MARKING: UNITS SHALL BE MARKED IN ACCORDANCE WITH MIL-STD-130 WITH RESISTANCE VALUE, TOLERANCE, MANUFACTURER'S NAME/ON SYMBOL AND TYPE NUMBER. ALL CONTAINERS SHALL BE MARKED IN ACCORDANCE WITH MIL-STD-129 WITH THE MANUFACTURER'S NAME IDENTIFYING NUMBER, ITEM NAME, NASA DRAWING NUMBER, DASH NUMBER AND REVISION LETTER.
   E. LEADS SHALL BE NICKEL IN ACCORDANCE WITH ND 1015400. A CERTIFICATE OF COMPLIANCE WITH THIS REQUIREMENT SHALL ACCOMPANY EACH SHIPMENT.

2. ACCEPTANCE AND INSPECTION:
   A. MECHANICAL DIMENSIONS PER DRAWING.
   B. ELECTRICAL:
      1. RESISTANCE SHALL BE AS SPECIFIED IN TABLE.
      2. RESISTANCE SHALL BE MEASURED 5/64 INCH FROM THE RESISTOR BODY.
      3. RESISTANCE TOLERANCE: ±1%

3. DESIGN REQUIREMENTS:
   A. POWER RATING: 1/8 WATT
   B. OPERATING TEMPERATURE RANGE: 55°C TO 145°C
   C. TEMPERATURE COEFFICIENT: 50 PPM/°C

4. SPECIAL CONDITIONING BY SUPPLIER:
   A. TEMPERATURE CYCLING
      (1) ALL RESISTORS SHALL BE TEMPERATURE CYCLED IN ACCORDANCE WITH MIL-R-93 PARAGRAPH 4.6.4. ALL PARTS NOT MEETING PARAGRAPH 2.8.1. AND 3 AFTER TEST SHALL BE REJECTED.
      (2) ALL RESISTORS SHALL BE SUBJECTED TO A 50 HOUR FULL POWER BURN IN AT 125°C AMBIENT TEMPERATURE. UNITS EXHIBITING A VARIATION OF RESISTANCE IN EXCESS OF ±0.5% OR CHANGE OUTSIDE OF SPECIFIED TOLERANCE SHALL BE REJECTED. RESISTANCE SHALL BE MEASURED BEFORE AND AFTER TEST, AND DATA IDENTIFIABLE TO EACH RESISTOR SUPPLIED WITH EACH SHIPMENT.

PRODUCE ONLY FROM APPROVED SOURCES LISTED ON ND 1002034 FOR THIS DRAWING.

REPLACES REV B WITH CHANGES