NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONJUNCTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURES NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER: AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IMPLYING ANY MANNER OF LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

REQUIREMENTS:

1. GENERAL:
   A. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
   B. UNITS SHALL MEET THE REQUIREMENTS OF MIL-R-93 WITH ANY ADDITIONS AND EXCEPTIONS AS NOTED HERELN.
   C. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS AS CONTAINED IN NO 10542D CLASS 2.
   D. MARKING: UNITS SHALL BE MARKED IN ACCORDANCE WITH MIL-STD-130 WITH RESISTANCE VALUE, TOLERANCE, MANUFACTURER'S NAME, OR SYMBOL AND TYPE NUMBER. THE CONTAINER 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 NO 1015400.

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

3. DESIGN REQUIREMENTS:
   A. POWER RATING: 1/4 WATT
   B. OPERATING TEMPERATURE RANGE: -55°C TO 145°C
   C. TEMPERATURE COEFFICIENT: ±20 PPM/°C

4. SPECIAL CONDITIONING BY SUPPLIER:
   A. TEMPERATURE CYCLING
      (1) ALL RESISTORS SHALL BE TEMPERATURE CYCLED IN ACCORDANCE WITH MIL-R-93 PARAGRAPH A.6.4.
      ALL PARTS NOT MEETING PARAGRAPH 2.8.1, AND 3 AFTER TEST SHALL BE REJECTED.
   B. BURN IN
      (1) ALL RESISTORS SHALL BE SUBJECTED TO A 50 HOUR FULL POWER BURN IN AT 150°C AMBIENT TEMPERATURE. UNITS EXHIBITING A VARIATION OF RESISTANCE IN EXCESS OF 12.0% 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.

REPLACES REV B WITH CHANGES