REQUIREMENTS:

1. GENERAL
   A. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-0-70327.
   B. UNITS SHALL MEET THE REQUIREMENTS OF MIL-8-93 WITH ANY ADDITIONS AND
      EXCEPTIONS AS NOTED HEREIN. UNITS SHALL BE CAPABLE OF MEETING THE
      SPECIFICATION REQUIREMENTS OF MIL-8-93.
   C. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS AS CONTAINED
      IN MIL-I-65044 CLASS 2.
   D. MARKING: UNITS SHALL BE MARKED IN ACCORDANCE WITH MIL-STD-129 WITH
      RESISTANCE VALUE, TOLERANCE, MANUFACTURER'S NAME, 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, AND LOT CODE.
   E. LEADS SHALL BE NICKEL IN ACCORDANCE WITH MIL-101440.
      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 3/8 IN. 1/4 INCH FROM THE RESISTOR BODY.
      (3) RESISTANCE TOLERANCE: 2%
   C. TEMPERATURE COEFFICIENT: 50 PPM/C

3. DESIGN REQUIREMENTS:
   A. POWER RATING: 1/4 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-8-93 PARAGRAPH 4.6.
      (2) PARTS NOT MEETING PARAGRAPH 2.1.1, AND 3 AFTER TEST SHALL BE REJECTED.
   B. HEAT TREATMENT
      (1) ALL RESISTORS SHALL BE SUBJECTED TO A 50 HOUR FULL POWER BURN IN
      AT 25°C INTERVAL TEMPERATURE UNITS EXHIBITING A VARIATION IN RESISTANCE
      IN EXCESS OF ±0.2% 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.

FLOOR PLAN

REPLACES REV B WITH CHANGES

PROCEA ONLY FROM APPROVED SOURCES LISTED ON
MIL 10633A FOR THIS DRAWING.