NOTES:

1. GENERAL REQUIREMENTS:
   A. SPRAGUE TYPE 250 D PER DATA SOURCE NOTED EXCEPT AS AND IN ADDITION TO THE REQUIREMENTS SPECIFIED HEREIN.
   B. ELECTRICAL RATINGS: PER TABLE II ON SHEET 2.
   C. CAPACITANCE AT 120 CPS @ 25°C: PER SHEET 2.
   D. MAXIMUM DISSIPATION FACTOR
      AT -40°C: 0.08
      AT 0°C: 0.08
      AT +25°C: 0.08
      AT +45°C: 0.07
   E. OPERATING TEMPERATURE RANGE: -40°C TO +85°C.
   F. MAX D.C. LEAKAGE CURRENT: 0.05 MA/0.06 VOLT, BUT IN NO CASE NEED THE LEAKAGE CURRENT BE LESS THAN 1 UA.

2. CONSTRUCTION REQUIREMENTS:
   A. INSULATING SLEEVE: MYLAR, CAPABLE OF WITHSTANDING 2000 VDC FOR 1 MIN @ 5 SEC.
   B. LEADS: UNITS SHALL HAVE WELDABLE NICKEL LEADS PER MIL 1015400.
      A CERTIFICATE OF COMPLIANCE OF LEAD MATERIAL SHALL ACCOMPANY EACH LOT SHIPPED.
      EACH LEAD SHALL BE CAPABLE OF WITHSTANDING TWO (2) BENDS, UNDER A TWO (2) POUND VERTICAL PULL (LEADS VERTICAL WITH RESPECT TO UNIT BODY). THE (2) BENDS SHALL BE ACCOMPLISHED BY MOVING THE BODY OF THE UNIT, WHILE IN THE SAME PLANE THROUGH 90° IN ONE DIRECTION, THEN BACK 180° TO THE OPPOSITE DIRECTION, THEN BACK 90° TO THE ORIGINAL POSITION. NO MECHANICAL DAMAGE OR LACK OF PERFORMANCE SHALL BE EVIDENCED AFTER THE TEST.
      EACH LEAD SHALL BE CAPABLE OF WITHSTANDING AN AXIAL PULL OF FOUR (4) POUNDS MINIMUM.
   C. DIMENSIONS AND TOLERANCES: PER TABLE I ON SHEET 1 AND SKETCH.
   D. MARKING: MARK UNITS PER MIL-STD-130 WITH MANUFACTURER'S NAME AND/OR SYMBOL, TYPE NUMBER, VOLTAGE AND CAPACITANCE RATING AND POLARITY.
      MARKING OF UNIT PACKAGES AND EXTERIOR SHIPPING CONTAINERS SHALL INCLUDE NASA NUMBER, DASH NUMBER AND REVISION LETTER.

3. ENVIRONMENTAL REQUIREMENTS:
   A. UNITS SHALL BE CAPABLE OF MEETING THE ENVIRONMENTAL REQUIREMENTS OF ND1002000.
   B. SUPPLIER SHALL CONFORM TO QUALITY ASSURANCE PROVISIONS OF ND1015404 SECTION.
   C. INSULATION SLEEVE: MYLAR, CAPABLE OF WITHSTANDING 2000 VDC FOR 1 MIN @ 5 SEC.
   D. BURN-IN (BY SUPPLIER):
      A. ALL CAPACITORS SHALL BE SUBJECTED TO A 250 HOUR BURN-IN PERIOD AT RATED VOLTAGE AND DATA SOURCE NOTED EXCEPT AS AND IN ADDITION TO THE REQUIREMENTS SPECIFIED HEREIN.
      B. THE LEAKAGE CURRENT AND DISSIPATION FACTOR SHALL NOT EXCEED THE INITIAL LIMITS SPECIFIED BY THE APPLICABLE DRAWING.
      C. THE CAPACITANCE SHALL NOT EXCEED THE INITIAL REQUIREMENTS OF THE APPLICABLE DRAWING.
      D. MARKING OF UNIT PACKAGES AND EXTERIOR SHIPPING CONTAINERS SHALL INCLUDE NASA NUMBER, DASH NUMBER AND REVISION LETTER.

4. INTERPRET DRAWING PER MIL-D-70337.