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 1.
   c. CAPACITANCE AT 120 CPS @ 25°C: PER SHEET 2.
   d. CAPACITANCE TOLERANCE: .1 10% @ 120 CPS @ 25°C.
   e. MAXIMUM DISSIPATION FACTOR
      AT -80°C: 0.08
      AT +25°C: 0.06
      AT +85°C: 0.08
      AT +125°C: 0.09
   f. OPERATING TEMPERATURE RANGE: -80°C TO +85°C.
   g. MAX D.C. LEAKAGE CURRENT: .05 UA/UF = VOLTS, 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 MELDABLE NICKEL LEADS PER NO. 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 IN MIN.
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   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 SHIPPINFE CONTAINERS SHALL INCLUDE NASA NUMBER, DASH NUMBER AND REVISION LETTER.

3. ENVIRONMENTAL REQUIREMENTS:
   a. UNITS SHALL BE CAPABLE OF MEETING THE ENVIRONMENTAL REQUIREMENTS OF ND100200.
   b. SUPPLIER SHALL CONFORM TO QUALITY ASSURANCE PROVISIONS OF ND1015404 SECTION 13, PART 3.
   c. BURN-IN (BY SUPPLIER):
      (1) THE CAPACITANCE SHALL NOT EXCEED THE INITIAL REQUIREMENTS OF THE APPLICABLE DRAWING.
      (2) THE LEAKAGE CURRENT AND DISSIPATION FACTOR SHALL NOT EXCEED THE INITIAL LIMITS SPECIFIED BY THE APPLICABLE DRAWING.

4. INTERPRET DRAWING PER MIL-D-70327.

5. NOTES:
   a. WAIVE AS REQUIRED ALL INFORMATION PRESENTED ON THIS DRAWING EXCEPT LEAD MATERIAL SPEC. & PHYSICAL DIMENSIONS.
   b. UPON SPECIFIC INSTRUCTION BY LTD TECHNICAL DIRECTIVE PROCEDURE APPLY 1.00294. LETTER A BY ORDERING TO VENDOR CATALOG NO. & SPECIFICATIONS, REFERENCE ND100203.
   c. DISREGARD THIS NOTE IN ITS ENTIRETY IF REFERENCE IS MADE TO THIS DRAWING BY OTHER THAN REVISION LETTER A.

FOR INFORMATION ONLY

CLASS B RELEASE TDR No. 00165 DATE APRL 14, 1961

REPLACED WITH CHANGE BY REV C