NOTES:

1. GENERAL REQUIREMENTS:
   A. INTERPRET DRAWING IN ACCORDANCE WITH THE STANDARDS PRESCRIBED BY MIL-D-203201.
   B. UNITS SHALL MEET THE GENERAL REQUIREMENTS OF MIL-S-19500.
   C. SUPPLIERS SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS CONTAINED IN MIL-STD-100204, CLASS 2.
   D. UNITS SHALL BE CAPABLE OF MEETING THE QUALIFICATION REQUIREMENTS OF NO 1002054.
   E. PACKING AND PACKAGING: UNIT PACKING AND PACKAGING IN ACCORDANCE WITH LEVEL A OF MIL-S-19491.
   F. MARKING: UNIT PACKAGES AND EXTERIOR SHIPPING CONTAINERS SHALL BE MARKED WITH MIL-STD-129 WITH THE MANUFACTURER'S NAME OR SYMBOL AND TYPE DESIGNATION; THE NASA DRAWING NUMBER, DASH NUMBER AND REVISION LETTER SHALL ALSO BE INCLUDED. UNITS SHALL BE MARKED WITH THE MANUFACTURER'S SYMBOL OR TYPE DESIGNATION WITH A BLACK BAND DENOTING CATHODE END.

2. ACCEPTANCE AND INSPECTION REQUIREMENTS:
   A. MECHANICAL PROPERTIES:
      (1) LEAD MATERIAL: SHALL BE IRON-NICKEL ALLOY PER NO PS 1051401; MATERIAL CERTIFICATION MUST ACCOMPANY EACH SHIPMENT.
      (2) LEAD BEND TEST: EACH LEAD SHALL BE CAPABLE OF WITHSTANDING A LEAD BEND TEST IN ACCORDANCE WITH MIL-STD-750, METHOD 2036, TEST CONDITION E. A WEIGHT OF 16 2 OUNCES SHALL BE APPLIED TO EACH LEAD.
      LEAD PULL TEST: EACH LEAD SHALL BE CAPABLE OF WITHSTANDING A LEAD PULL TEST IN ACCORDANCE WITH MIL-STD-750, METHOD 2056, TEST CONDITION A WITH A STRAIGHT AXIAL PULL OF FOUR (4) POUNDS MINIMUM FOR ONE (1) MINUTE.
      NO MECHANICAL DAMAGE OR LACK OF PERFORMANCE SHALL BE EVIDENCED AFTER THESE TESTS.
      (3) REVERSE LEAKAGE CURRENT (Iq) PER TABLE I.

3. DESIGN REQUIREMENTS:
   A. OPERATING LIFE: UNITS SHALL BE CAPABLE OF 2000 HOURS MINIMUM OPERATION WITHIN THE PRESCRIBED LIMITS.
   B. STORAGE LIFE: 1 YEAR MINIMUM AT ROOM TEMPERATURE WITHOUT ANY MECHANICAL OR ELECTRICAL DETERIORATION.
   C. CONSTRUCTION: HERMETICALLY SEALED. FUSED GLASS TO METAL AND WELDED METAL TO METAL SEAL.
   D. CAPACITANCE CHANGE VS. TEMPERATURE: CHANGE IN CAPACITANCE AT 2.0 VOLTS ± 5% FROM 0°C TO 80°C SHALL BE LESS THAN 5%.

PROCURE ONLY FROM APPROVED SOURCES LISTED IN NO 1002054 FOR THIS DRAWING.