NOTES:

1. REQUIREMENTS:
   A. UNITS SHALL MEET THE APPLICABLE REQUIREMENTS OF MIL-R-10509 AND MIL-R-10509/1, CHARACTERISTICS C AND E AS INDICATED WITH THE EXCEPTIONS AND ADDITIONS SPECIFIED HEREIN.
   B. EXCEPTIONS:
      (1) QUALIFICATION TESTING IS NOT REQUIRED.
      (2) LEAD MATERIAL SHALL BE IRON-NICKEL ALLOY, COPPER CLAD, GOLD PLATED PER NASA DOCUMENT PS 1015401. A CERTIFICATE OF COMPLIANCE WITH THIS REQUIREMENT SHALL ACCOMPANY EACH LOT SHIPPED.
      (3) UNIT MARKING: UNITS SHALL BE MARKED IN ACCORDANCE WITH STANDARD MIL-STD-130 WITH THE MANUFACTURERS IDENTIFICATION, TYPE NUMBER, RESISTANCE VALUE, RESISTANCE TOLERANCE AND RESISTANCE TEMPERATURE CODE, T-2 FOR 50 PPM/°C AND T-9 FOR 25 PPM/°C.
   C. ADDITIONS:
      (1) UNITS SHALL BE CAPABLE OF MEETING THE ENVIRONMENTAL REQUIREMENTS OF NASA DOCUMENT NO 100200.
      (2) SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS OF NASA DOCUMENT PS 1015404, SECTION 3.
      (3) RESISTANCE TOLERANCE: PLUS OR MINUS 1.0 PERCENT.
      (4) EACH LEAD SHALL BE CAPABLE OF WITHSTANDING THE FOLLOWING LEAD BEND TEST: THE COMPONENT BODY SHALL BE HELD IN A VERTICAL POSITION WITH A 2 POUND WEIGHT SUSPENDED FROM THE LEAD UNDER TEST. 2 CYCLES OF BENDS SHALL BE ACCOMPLISHED, A CYCLE CONSISTING OF MOVING THE BODY OF THE UNIT, WHILE IN THE SAME PLANE, THROUGH 90 DEGREES IN ONE DIRECTION, THEN 180 DEGREES IN THE OPPOSITE DIRECTION AND BACK 90 DEGREES TO THE ORIGINAL POSITION. NO MECHANICAL DAMAGE OR LACK OF PERFORMANCE SHALL BE EVIDENCED AFTER THE TEST.
      (5) EACH LEAD SHALL BE CAPABLE OF WITHSTANDING AN AXIAL PULL OF 4 POUNDS MINIMUM.

2. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70127.
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FOR INFORMATION ONLY

CLASS B RELEASE TDR No. 20149

DATE 1/12/69

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

SPECIFICATION CONTROL DRAWING

MATERIAL

INSTRUMENTATION LAB

CONTROL NO.

INSTRUMENTATION LAB

Application

FINAL FINISH

MATERIAL

HEAT TREATMENT

RESISTOR, FIXED, FILM

SHEET 3 OF 3

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES

TOLERANCES ON FRACTIONS = ±0.005 IN.

TOLERANCES ON DECIMALS = ±0.001 IN.

CHECKED & APPROVED

 SCALE NO. 1/3" = 1"