1. GENERAL REQUIREMENTS:
   A. UNITS SHALL MEET THE APPLICABLE REQUIREMENTS OF MIL-R-93888, CHARACTERISTIC C, EXCEPT AS NOTED ON THE REVISIONS SHEET.
   B. RESISTANCE VALUES: SEE TABLE.
   C. RESISTANCE TOLERANCE: SEE TABLE.
   D. POWER RATING: 1/10 WATT AT 125°C.
   E. TEMPERATURE COEFFICIENT: ±15 PPM/°C OVER OPERATING TEMPERATURE RANGE, EXCEPT FOR VALUES BELOW 20 OHMS WHICH SHALL BE 1.00 OHM MAXIMUM.
   F. MAXIMUM VOLTAGE RATING: 150 VOLTS.
   G. STABILITY: 100 PPM/YEAR AT +25°C AT 1/2 RATED POWER.
   H. TEMPERATURE RANGE: MINUS 65°C TO PLUS 125°C.

2. CONSTRUCTION REQUIREMENTS:
   A. LEADS: UNITS SHALL HAVE WELDABLE GRADE A NICKEL LEADS PER MIL PS1015400.
   B. MARKING: MARK UNITS PER MIL-STD-130 WITH MANUFACTURER'S NAME AND/ OR SYMBOL, TYPE NUMBER, RESISTANCE VALUE AND TOLERANCE.
   C. 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 MIL-R-93888.
   B. BURN IN: 100 HOURS @125°C @1/10 WATT. REJECT ANY PART WHICH CHANGES MORE THAN 0.1% OR CANNOT MEET PURCHASE TOLERANCE.
   C. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS OF ND 1002000.

FOR INFORMATION ONLY
CLASS B RELEASE TDR No. 0047-2 DATE 08/16/65
### Table:

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### Notes:

- **FOR INFORMATION ONLY**
- **CLASS B RELEASE TDR No. 01271**
- **DATE 11/14/71**
- **J REPLACED BY REV K WITH CHANGE THIS SHEET ADDED**

### Specifications:

- **Resistors, Fixed WW, Precision**
- **MANNED SPACECRAFT CENTER HOUSTON, TEXAS**
- **Specifications Control Drawing**
- **NASA DRAWING NO. 1010377**

### List of Materials:

- **QTY**
- **PART OR IDENTIFYING NO.**
- **NOMENCLATURE OR DESCRIPTION**
- **FIND NO.**

### Table Headers:

- **QTY**
- **PART OR IDENTIFYING NO.**
- **NOMENCLATURE OR DESCRIPTION**
- **FIND NO.**

### Drawing Information:

- **Instrumentation Lab, Cambridge, Mass.**
- **Heat Treatment**
- **MATERIAL**
- **approved**
- **CLASS B**
- **REPLACEMENT**
- **TOLERANCES ON FRACTIONS DECIMALS ANGLES**
- **NOT SCALE THIS DRAWING**
- **SPECIFICATION CONTROL DRAWING**
- **NASA DRAWING NO. 1010377**
- **CODE IDENT NO.**
- **NASA APPROVAL**
- **INDEMNIFICATION**
- **INSTRUMENTATION LAB**
- **MANNED SPACECRAFT CENTER**
- **HOUSTON, TEXAS**
- **RESISTORS, FIXED WW, PRECISION**
- **CLASS B RELEASE TDR No. 01271 DATE 11/14/71**
- **CLASS B REPLACED BY REV K WITH CHANGE THIS SHEET ADDED**