NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A GOVERNMENT CONTRACT OR ORDER, THE USER AGREES TO INDEMNIFY AND HOLD HARMLESS THE UNITED STATES OF AMERICA FOR ANY LOSS OR DAMAGE THAT MAY RESULT.

1. GENERAL REQUIREMENTS:
   A. UNITS SHALL MEET THE APPLICABLE REQUIREMENTS OF SPECIFICATION MIL-R-561, CHARACTERISTIC C; EXCEPT AS AND IN ADDITION TO THE REQUIREMENTS SPECIFIED HEREIN.
   B. RESISTANCE VALUES: SEE TABLE.
   C. RESISTANCE TOLERANCE: SEE TABLE.
   D. POWER RATING: 1/10 WATT AT +25°C.
   E. TEMPERATURE COEFFICIENT: 155 PPM/°C OVER OPERATING TEMPERATURE RANGE.
   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 DUMET LEADS PER ND PS1015401. A CERTIFICATE OF COMPLIANCE OF LEAD MATERIAL SHALL ACCOMPANY EACH LOT SHIPPED.
   B. MARKING: MARK UNITS PER MIL-STD-130 WITH MANUFACTURER'S NAME AND/ OR SYMBOL, TYPE NUMBER, RESISTANCE VALUE AND TOLERANCE.
   C. RESISTANCE TOLERANCE: SEE TABLE.
   D. POWER RATING: 1/10 WATT AT +25°C.
   E. TEMPERATURE COEFFICIENT: 155 PPM/°C OVER OPERATING TEMPERATURE RANGE.
   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.

3. ENVIRONMENTAL REQUIREMENTS:
   A. UNITS SHALL BE CAPABLE OF MEETING THE ENVIRONMENTAL REQUIREMENTS OF ND 1002000.

4. BURN IN: SHALL BE IN ACCORDANCE WITH ND 1327000.

5. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS OF ND 1015404.

6. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.

ORIGINAL SOURCE OF SUPPLY:
ULTRONIX
111 E. 20TH AVENUE
SAN DIEGO, CALIFORNIA
TYPE 105A(MOD)

THE DAVEN COMPANY
LIVINGSTON, NEW JERSEY
TYPE 1403

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

INSTRUMENTATION LAB
LIVESTON, NEW JERSEY

RESISTORS, FIXED, WW, PRECISION

specification control drawing

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