**REVISIONS** 7750101 DATE APPROVAL DESCRIPTION RELATED GOVERNMENT PROCUREMENT OPERATION. THE UNITED STATES GOVERN TAKEN FROM BUWEPS DWG C2318927 IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER REVISED PER TORR LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEY ING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO. REVISED & REDRAWN PER TORR 00314 1/30/13 MAN WK ADDED PROCUREMENT NOTES: 25,000 ±0.1% 2-20-63 Let NOTE 7 PER TORR 00433 GENERAL REQUIREMENTS: UNITS SHALL MEET THE APPLICABLE REQUIREMENTS OF MIL-R-93 CHARACTERISTIC C: EXCEPT AS AND IN ADDITION TO THE REQUIREMENTS SPECIFIED HEREIN. RESISTANCE VALUES: SEE TABLE. RESISTANCE TOLERANCE: SEE TABLE. POWER RATING: 1/10 WATT AT +125°C. TEMPERATURE COEFFICIENT: ±15 PPM/°C OVER OPERATING TEMPERATURE RANGE, EXCEPT FOR VALUES BELOW 20 OHMS WHICH SHALL BE ±.006% FOR INFORMATION ONLY MAXIMUM. MAXIMUM VOLTAGE RATING: 150 VOLTS. 103,750 CLASS B RELEASE TDR No. 00/62 105,000 STABILITY: 100 PPM/YEAR AT +25°C AT 1/2 RATED POWER. 12-12-62 106,250 TEMPERATURE RANGE: MINUS 65°C TO PLUS 125°C. CONSTRUCTION REQUIREMENTS: A. LEADS: UNITS SHALL HAVE WELDABLE GRADE A NICKEL LEADS PER 112,500 ND PS1015400. 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 VERTICAL PULL (LEADS VERTICAL WITH RESPECT TO UNIT BODY). TWO (2) BENDS SHALL BE ACCOMPLISHED BY MOVING THE .520 MAX 1.88 MIN BODY OF THE UNIT, WHILE IN THE PLANE, THROUGH 90° IN ONE DIRECTION, THEN BACK 180° TO THE OPPOSITE DIRECTION AND BACK 90° TO THE 88,750 ORIGINAL POSITION. NO MECHANICAL DAMAGE OR LACK OF PERFORMANCE SHALL BE 91,25C EVIDENCED AFTER THE TEST. EACH LEAD SHALL BE CAPABLE OF WITHSTANDING AN AXIAL PULL OF 93,750 FOUR (4) POUNDS MINIMUM. MARKING: MARK UNITS PER MIL-STD-130 WITH MANUFACTURER'S NAME 96,250 AND/ OR SYMBOL, TYPE NUMBER, RESISTANCE VALUE AND TOLERANCE. 97,500 ±1.0% MARKING OF UNIT PACKAGES AND EXTERIOR SHIPPING CONTAINERS SHALL .180 MAX — 100,000 INCLUDE NASA NUMBER, DASH NUMBER AND REVISION LETTER. 101,250 .026 .024 DIA ENVIRONMENTAL REQUIREMENTS: A. UNITS SHALL BE CAPABLE OF MEETING THE ENVIRONMENTAL REQUIREMENTS OF ND 1002000. 106,250 112,000 BURN IN: 100 HOURS @125°C @1/10 WATT. REJECT ANY PART WHICH 134,500 108,750 CHANGES MORE THAN 0.1% OR CANNOT MEET PURCHASE TOLERANCE. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS OF 111,250 ND 1015404 CLASS I. 225,000 ±1% 113,750 INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY 39,000 MIL-D-70327. 116,250 117,500 WAIVE AS REQUIRED ALL INFORMATION PRESENTED FIND NOMENCLATURE OR PART OR ON THIS DRAWING EXCEPT LEAD MATERIAL SPEC. DESCRIPTION IDENTIFYING NO. & PHYSICAL DIMENSIONS. LIST OF MATERIALS UPON SPECIFIC INSTRUCTION BY (TD) TECHNICAL DIRECTIVE PROCURE THIS PART AS CHANGE UNLESS OTHERWISE SPECIFIED MANNED SPACECRAFT CENTER INSTRUMENTATION LAB LETTER C BY ODERING TO VENDOR CATALOG NO. DIMENSIONS ARE IN INCHES CAMBRIDGE. MASS. HOUSTON, TEXAS & SPECIFICATIONS. REFERENCE ND 1002034. TOLERANCES ON ANGLES DRAWN Mahoney DATE 1-21-63 FRACTIONS DECIMALS RESISTORS, FIXED, DISREGARD THIS NOTE IN ITS ENTIRETY IF CHECKED Des & BES 29 Jan 63 REFERENCE IS MADE TO THIS DRAWING BY WW, PRECISION OTHER THAN REVISION LETTER C. DO NOT SCALE THIS DRAWING SEE NOTES SPECIFICATION CONTROL DRAWING PROCURE ONLY FROM APPROVED SOURCES LISTED NASA DRAWING NO. NASA APPROVAL COL Beautifus. CODE IDENT NO. SIZE HEAT TREATMENT ON NDIO02034 FOR THIS DRAWING NONE 1010377 USED ON **NEXT ASSY** FINAL FINISH Musia 30 Jan 63 SCALE NONE WT NONE SHEET OF **APPLICATION**