REVISIONS **†090101** DESCRIPTION ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY APPROVAL RESISTANCE MENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER INITIAL RELEASE CLASS A AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED. FURNISHED OF NASA IN ANY WAY SUPPLIED THE SAID DRAWINGS. SPECIFICATIONS OR OTHER DATA IS RESISTANCE (A) PER TORR 02599 NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION. OR CONVEY-PART NUMBER PART NUMBER OHMS, NOMINAL NOMINAL PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO A REVISED PER TORR 600 REQUIREMENTS: B | REVISED PER TDRR 06773 610 620 REVISED PER TDRR 07/04 . GENERAL: A. UNITS SHALL BE CAPABLE OF MEETING THE REQUIREMENTS OF SPECIFI-630 REVISED PER TORR 07314 CATION MIL-R-26 FOR INSULATED TYPE; EXCEPT AS SPECIFIED 640 REVISED PER TDRR 10810 HEREIN. F REVISED PER TDRR 10925 UNITS SHALL BE CAPABLE OF MEETING THE QUALIFICATION REQUIRE-660 REVISED PER TDRR 11136 MENTS SPECIFIED IN ND 1002057 UNLESS MODIFIED OR AMENDED BY THE DESIGN REQUIREMENTS SECTION OF THIS DRAWING. REVISED PER TORR 1448! C. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS 690 REVISED PER TORR 16595 REVISED PER TDRR 25364 SPECIFIED IN ND 1015404, CLASS 2. 11/25/W WK D. INTERPRET DRAWING SYMBOLS, ABBREVIATIONS AND REFERENCE, DESIGNATIONS 710 REVISED PER TDRR 25942 IN ACCORDANCE WITH GOVERNMENT STANDARDS PRESCRIBED IN MIL-D-70327. 13 720 E. PACKAGING: UNITS SHALL BE PACKAGED IN ACCORDANCE WITH ND 1002129. 3300 2000 INSPECTION AND ACCEPTANCE A. ELECTRICAL REQUIREMENTS: (1) RESISTANCE VALUE: PER TABLE (2) RESISTANCE TOLERANCE: ± 1% B. MECHANICAL REQUIREMENTS: (1) LEADS: IRON NICKEL ALLOY COPPER CLAD GOLD PLATED PER NASA SPECIFICATION PS 1015401. A CERTIFICATE OF COMPLIANCE 360 45 DERATING CHART PART NO. RES OHMS OF LEAD MATERIAL SHALL ACCOMPANY EACH LOT SHIPPED. 46 (2) MARKING: MARK UNITS PER ND1002019 WITH MANUFACTURER'S 1300 47 NAME AND/OR SYNBOL. NASA PART NUMBER, AND REVISION LET-48 2150 % RATED TER, DATE CODE 49 WATTAGE MANUFACTURER'S PART NUMBER MAY APPEAR ON THE PART OR 50 1500 PACKAGE. MARKING OF UNIT PACKAGES AND EXTERIOR SHIPPING 1600 CONTAINERS SHALL INCLUDE NASA PART NUMBER AND REVISION LETTER, PER MIL-STD-129. 2200 100 150 200 250 300 350 DESIGN REQUIREMENTS: A. PER MIL-R-26 EXCEPT AS MODIFIED BY THIS DRAWING. B. POWER RATING: 1 WATT AT +25°C, DERATED PER CHART. AMBIENT TEMP. °C 0.01 TEMPERATURE COEFFICIENT: 1 OHM TO 19.9 OHMS = \pm 50 PPM/°C 1100 OHMS AND ABOVE = \pm 20 PPM/°C 20 OHMS TO 1090 OHMS = \pm 30 PPM/°C 1 OHM AND BELOW = \pm 100 PPM/°C (+.05 OHMS) · 019, D. 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 BODY OF THE UNIT, WHILE IN THE SAME PLANE, THROUGH 90° IN ONE DIRECTION, THEN BACK 180° TO THE OPPO-SITE DIRECTION, THEN BACK 90° TO THE ORIGINAL POSITION. NO MECHANICAL DAMAGE OR LACK OF PERFORMANCE SHALL BE EVI-DENCED AFTER THE TEST. E. MECHANICAL STRENGTH: PER MIL-R- 26 EXCEPT 5 LB. MAX LOAD SPECIAL CONDITIONING BY SUPPLIER: A. BURN-IN: UNITS SHALL BE BURNED-IN FOR 100 HRS AT 25°C AND NOMENCLATURE OR PART OR RATED WATTAGE 1-1/2 HRS ON, 1/2 HR OFF, UNITS THAT EXCEED DESCRIPTION IDENTIFYING NO. THE INITIAL TOLERANCE OR CHANGE MORE THAN .5% SHALL BE LIST OF MATERIALS REJECTED. UNLESS OTHERWISE SPECIFIED MANNED SPACECRAFT CENTER INSTRUMENTATION LAB DIMENSIONS ARE IN INCHES HOUSTON, TEXAS OLERANCES ON FRACTIONS DECIMALS PROCURE ONLY FROM APPROVED SOURCES LISTED IN CHECKED House 27 JULY 63 RESISTOR, FIXED, WIREWOUND ND 1002034 FOR THIS DRAWING. DO NOT SCALE THIS DRAWING 1 WATT MATERIAL SPECIFICATION CONTROL DRAWING SEE NOTES HEAT TREATMENT CODE IDENT NO. NASA DRAWING NO. NASA APPROVAL W) Raine NONE 1010604 NEXT ASSY USED ON FINAL FINISH NONE SHEET 1 OF 1 APPLICATION