

PHOTOGRAPHIC SCALE ONLY

100165 12-12-62 2 40m (4/2) REVISIONS **TTT8001** DATE APPROVAL DESCRIPTION E THIS SHEET ADDED AND UPGRADED TO CLASS A RELEASE PER TDRR 02PF5 MESSE SPECIAL CONDITIONING BY SUPPLIER:
BURN-IN: ALL UNITS SHALL BE SUBJECTED TO 2 TIMES RATED VOLTAGE AT
85°C FOR A MINIMUM OF 100 HOURS AND A MAXIMUM OF 300 HOURS, THE THE LAST 48 HOURS SHALL BE FREE OF CATASTROPHIC FAILURES. (ie shorts or opens)_____ TANCE DIMENSIONS THE MANUFACTURER SHALL DETERMINE AND RECORD THE FOLLOW-ING ELECTRICAL CHARACTERISTICS PRIOR TO AND FOLLOWING BURN-IN. |.318|.095 CAPACIT ANCE POWER FACTOR INSULATION RESISTANCE BURN-IN DATA SHALL BE INCLUDED WITH EACH SHIPMENT. THE DATA SHALL BE PRESENTED IN A MANNER THAT PROVIDES POSITIVE IDENTIFICATION OF EACH INDIVIDUAL CAPACITOR WITH THE INITIAL TEST READING, THE FINAL READING AND THE PERCENT CHANGE BETWEEN THE FINAL AND INITIAL READING. THE TEST DATA SUBMITTED SHALL ALSO IDENTIFY PARTS THAT FAIL TO MEET THE SPECIFIED REQUIREMENTS. HISTOGRAMS SHALL -10 BE PLOTTED TO SHOW THE FREQUENCY DISTRIBUTION OF THE ABSOLUTE VALUE OF EACH CHARACTERISTIC AND TO SHOW THE FREQUENCY DISTRIBUTION OF THE PERCENT CHANGE OF EACH CHARACTERISTIC FROM ITS INITIAL READING. UNITS FAILING TO MEET INITIAL DRAWING REQUIREMENTS OR WHICH EXCEED THE -15 -16 SPECIFIED LIMITS FOR PARAMETRIC CHANGES FOLLOWING BURN-IN SHALL NOT BE ACCEPTABLE. LIMITS: -19 CAPACITANCE: 5 % OF INITIAL READING · POWER FACTOR: INITIAL LIMIT___ -21 INSULATION RESISTANCE: INITIAL LIMIT__ -22 .318 .498 .125 2000 -25 -26 -28 NOTES: 1. THESE DASH NUMBERS ARE NONSTANDARD VALUES PER .498 .165 MIL-C-11015/20. E) THIS SHEET ADDED -31 .498 .205 -32 THE COMPLETE PART NUMBER IS THE DRAWING NUMBER .698 .245 -33 PLUS THE APPLICABLE DASH NUMBER. .648 .245 .068 -37 .748 .285 NOMENCLATURE OR PART OR DESCRIPTION IDENTIFYING NO LIST OF MATERIALS UNLESS OTHERWISE SPECIFIED MANNED SPACECRAFT CENTER INSTRUMENTATION LAB DIMENSIONS ARE IN INCHES PROCURE ONLY FROM APPROVED SOURCES LISTED ON HOUSTON, TEXAS TOLERANCES ON ND 1002034 FOR THIS DRAWING. DRAWN PA JOSE DATES AUG63 FRACTIONS DECIMALS CAPACITOR, FIXED, CHECKED WILSON. 14 AUG 63 CERAMIC DIELECTRIC DO NOT SCALE THIS DRAWING APPROVAL Elda C Fell 28 aug 63 SPECIFICATION CONTROL DRAWING NASA APPROVAL THILLE 1/28/13 CODE IDENT NO. NASA DRAWING NO. HEAT TREATMENT USED ON NEXT ASSY FINAL FINISH SHEET 2 OF 2 **APPLICATION** INCHES

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