4. GENERAL:
A. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN MIL-D-20583.
B. UNITS SHALL MEET THE REQUIREMENTS OF MIL-C-11232, OPERATING TEMPERATURE E, TOLERANCE G, EXCEPT AS AND IN ADDITION TO THE REQUIREMENTS SPECIFIED HEREIN.
C. SUPPLIERS SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS AS CONTAINED IN ND 1015406, CLASS 2.
D. UNITS SHALL MEET THE QUALIFICATION REQUIREMENTS OF ND 1002045.
E. MARKING: UNITS SHALL BE MARKED IN ACCORDANCE WITH MIL-STD-129, WITH THE NASS DRAWING NUMBER, DARK NUMBER, REVISION LETTER, AND THE MANUFACTURER'S NAME OR SYMBOL. CAPACITANCE VALUE, TOLERANCE, AND THE MANUFACTURER'S PART NUMBER MAY APPEAR ON THE PART OR PACKAGE. PACKAGING SHALL BE MARKED IN ACCORDANCE WITH MIL-STD-129, WITH THE MANUFACTURER'S NAME, LOT OR SERIAL NUMBER, DATE OF MANUFACTURE OR CODING, MASK DRAWING NUMBER AND REVISION LETTER.

2. ACCEPTANCE AND INSPECTION:
A. LEAD MATERIAL SHALL BE GOLD-PLATED PER THE FOLLOWING REQUIREMENTS:
(1) COMPOSITION:
M = 46.27% TO 46.78% 99.9% COPPER, OXYGEN FREE ELECTROPLATED 24 KARAT GOLD,
C = 0.1% MAX.
N = 0.1% MAX.
F = 0.1% MAX.
Si = 0.1% MAX.
P = 0.1% MAX.
Fe = BALANCE
B. CAPACITANCE, WORKING VOLTAGE AND TOLERANCE: PER TABLE II.
C. SPECIFIC CONDITIONING: PER SUPPLIER's SPECIFICATIONS.
3. ACCEPTANCE AND INSPECTION:
A. BURN-IN: UNITS SHALL BE SUBJECTED TO 1500 VDC FOR 90 HOURS AT 25°C ± 3°C. AFTER THIS CONDITIONING, ALL UNITS SHALL BE WITHIN TOLERANCE WHEN MEASURED FOR CAPACITANCE, SHALL HAVE A DISSIPATION FACTOR LESS THAN 0.001, AND SHALL HAVE INSULATION RESISTANCE GREATER THAN 1 X 10^11 OHMS.

TABLE I

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REVISION STATUS OF SHEETS

LEADS TO BE LOCATED ON @ WITHIN ±0.001