

INCH-POUND

MIL-E-1/868E
AMENDMENT 2
2 December 2002
SUPERSEDING
AMENDMENT 1
4 Feb 1994

MILITARY SPECIFICATION SHEET

ELECTRON TUBE, NEGATIVE GRID (MICROWAVE)
TYPE 2C40A

This amendment forms a part of MIL-E-1/868E dated 17 March 1977 and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 1

Preamble: delete "MIL-E-1" and substitute "MIL-PRF-1". GENERAL: Delete "Qualification - Required" and substitute "Qualification - Not required"; Holding period (MIL-STD-1311): Delete "t = 168 hours" and substitute "t = 72 hours"; Delete "See note 1". Delete last two lines and substitute:

"AMSC N/A 1 of 6 FSC 5960
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PAGES 2 and 3

Delete: "Quality conformance inspection" and substitute "Conformance inspection" (3 places). Delete "AQL (Percent Defective)" and substitute "Acceptance level (see note 8)". Delete entire column "Inspection level or code". METHOD 1236, Power oscillation (pulsed): in LIMITS column, under MAX, add "1200"; in UNIT column, add "V". METHOD 1031, High frequency vibration: in CONDITIONS column, delete "note 4"; under METHOD, delete "1101"; under TEST, delete "Secureness of base, cap, or insert" and substitute "Torque"; under CONDITIONS of Torque test, delete "note 4". Torque-test end point: under UNIT, delete "Adc" and substitute "μAdc"; under CONDITIONS, delete "note 4". Frequency Drift: under CONDITIONS, DELETE "NOTE 4"; UNDER symbol, delete "F" and substitute "ΔF".

PAGE 3

NOTES: Delete note 7 and substitute "7. This test shall be performed during initial production and once each succeeding 12-calendar months in which there is production. An accept on zero defect sampling plan shall be used with six samples. In the event of failure, the test will be made a part of conformance inspection, part 2 with an acceptance level of 6.5 (see MIL-PRF-1, table III). The regular '12-month' sampling plan shall be reinstated after three consecutive samples have been accepted." Add note "8. This specification sheet utilizes an accept on zero defect sampling plan in accordance with MIL-PRF-1, table III". Change concluding material consistent with the following:

Custodians:
Army - CR
Navy - EC
Air Force - 11
DLA - CC

Preparing activity:
DLA - CC
(Project No. 5960-3639)

Review activities:
Army - AR
Navy - AS, CG, MC, OS
Air Force - 99

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Delete notes 1 and 4 entirely.

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