INCH-POUND

MIL-C-23269E
AMENDMENT 1
6 August 1993

MILITARY SPECIFICATION

CAPACITORS, FIXED, GLASS DIELECTRIC,
ESTABLISHED RELIABILITY,
GENERAL SPECIFICATION FOR

This amendment forms a part of MIL-C-23269E, dated 4 February 1993, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 4

Following 3.5.2.2, add:

"3.5.2.3 Tin plated finishes. Use of tin plating is prohibited as a final finish and as an undercoat effective 6 months from the date of this specification (see 6.10). Use of tin-lead (Sn-Pb) finishes are acceptable provided that the minimum lead content is 3 percent."

PAGE 16

TABLE VI, title: Delete "Qualification inspection" and substitute "Group C inspection".

PAGE 18

4.7.7b, delete and substitute:

"b. Measurements before cycling: Capacitance shall be measured as specified in 4.7.5."

4.7.7c.3: Delete in its entirety.

PAGE 21

4.7.17: Delete "method 210" and substitute "method 215".

4.7.18b.: Delete "test condition letter G" and substitute "test condition letter C".

PAGE 23

Following 6.9, add:

"6.10 Tin plated finishes. Tin plating is prohibited (see 3.5.2.3) since it may result in tin whisker growth. Tin whisker growth could adversely affect the operation of electronic equipment systems. For additional information on this matter, refer to ASTM B545 (Standard Specification for Electrodeposited Coating of Tin)."

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CONCLUDING MATERIAL

Custodians:
Army - ER
Navy - EC
Air Force - 85
NASA - NA

Review activities:
Air Force - 17
DLA - ES

User activities:
Navy - AS, CG, MC, OS, SH
Air Force - 19

Preparing activity:
Navy - EC

Agent:
DLA - ES

(Project 5910-1865)

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