

PERFORMANCE SPECIFICATION

CAPACITORS, FIXED, METALLIZED, PLASTIC FILM DIELECTRIC,
(DC, AC, OR DC AND AC), HERMETICALLY SEALED IN METAL CASES OR CERAMIC CASES,
ESTABLISHED RELIABILITY, GENERAL SPECIFICATION FOR

This amendment forms a part of MIL-PRF-83421C, dated 9 July 2001, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 11

4.4.4c, delete and substitute:

"c. Procedure III - Maintenance of FRL qualification. Maintenance period B of FRSP-10 shall apply. Regardless of the number of production lots produced during this period, the specified number of unit hours shall be accumulated to maintain qualification. See 4.6.2.1.1 for maintenance of /2 styles."

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4.6.1.1.1, delete and substitute:

"4.6.1.1.1 Inspection lot. An inspection lot shall consist of all capacitors from the same production line or lines, of one or more styles from the same specification sheet, not less than the minimum number of dielectric layers, and offered for inspection during a single work month. The minimum number of dielectric layers is that number of layers used in the sample units submitted for qualification. Each lot shall be kept separate from every other lot. The sample selected from the lot shall be representative of the capacitance values and case sizes in the lot. All sample units belonging to a lot shall be identified by means of a code symbol (either letters or numbers, at the option of the manufacturer)."

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Table IV, delete "13 - 150" and substitute "14 - 150"

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4.6.2.1.1 delete and substitute:

"4.6.2.1.1 Subgroup 1. A minimum of 10 sample units shall be selected from each group A inspection lot as defined in 4.6.1.1.1. The actual number of sample units required to maintain the required FRL may be more.

If qualification has been granted at the "R" or "S" FRL for /2 styles (CRH11, CRH12, and CRH13), and production is not sufficient to maintain the FRL, qualification may be maintained by similarity with 83421/1 styles. However, a minimum number of hours shall be generated from /2 styles to maintain "P" FRL. This may require more than the minimum number of 10 sample units. Similarity may only be used for FRL maintenance and not for initial qualification."

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AMENDMENT 1

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Table V, subgroup 2, number of sample units to be inspected, delete "See 4.6.2.1.2" and substitute:

"10 per inspection lot minimum, unless otherwise specified (see 3.1)"

Table V, subgroup 2, number of defects permitted, delete "3" and substitute "1"

Custodians:

Army - CR
Navy - EC
Air Force - 11
DLA - CC
NASA - NA

Preparing activity:
DLA - CC

(Project 5910-2174)

Review activities:

Army - AR
Navy - AS, MC OS, SH
Air Force - 19