

MILITARY SPECIFICATION
FILTERS AND CAPACITORS, RADIO FREQUENCY/ELECTROMAGNETIC
INTERFERENCE SUPPRESSION, GENERAL SPECIFICATION FOR

This amendment forms a part of MIL-F-28861B, dated
31 January 1994, and is approved for use by all
Departments and Agencies of the Department of Defense.

PAGE 2

2.1.1, SPECIFICATIONS, FEDERAL, delete "FF-S-85", "FF-S-92", and "QQ-S-571" and their titles.

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2.1.1, STANDARDS, MILITARY, delete "MIL-STD-45662" and its title.

2.2, before "AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)", add the following:

"AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)

- ANSI/J-STD-006 - Requirements for Electronic Grade Solder Alloys and Fluxed and Non-Fluxed Solid Solders for Electronic Soldering Applications.
- ANSI/NCSL Z540-1-1994 - General Requirements for Calibration Laboratories and Measuring and Test Equipment.

(Application for copies should be addressed to the American National Standards Institute (ANSI), 11 West 42nd Street, New York, NY 10036.)"

2.2, following "Electronic Industries Association (EIA)" list of documents, add the following:

"INTERNATIONAL ORGANIZATION FOR STANDARDS (ISO)

- ISO 10012-1 - Quality Assurance Requirements for Measuring Equipment, Part 1: Meteorological Confirmation System for Measuring Equipment.

(Application for copies should be addressed to the American National Standards Institute, 11 West 42nd Street, New York, NY 10036.)"

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3.3, delete in its entirety.

3.6, second sentence, delete in its entirety.

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3.6.3e., delete and substitute:

- " e. The undercoat shall be in accordance with class 4 of MIL-C-14550, or equivalent, except as stated in 3.6.3.3."

3.6.3.1, second line, delete "MIL-T-10727" and substitute "MIL-T-10727 (or equivalent)".

3.6.3.2, second line, delete "QQ-S-365" and substitute "QQ-S-365 (or equivalent)".

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3.6.3.3, second line, delete "MIL-G-45204" and substitute "MIL-G-45204 (or equivalent)".

3.6.3.3, fourth line, delete "QQ-N-290" and substitute "QQ-N-290 (or equivalent)".

3.6.3.4, second line, delete "MIL-P-81728" and substitute "MIL-P-81728 (or equivalent)".

3.6.3.4, second line, delete "QQ-S-571" and substitute "ANSI/J-STD-006".

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3.6.5, second, third, and fourth sentences: Delete.

3.6.5.1, delete in its entirety.

3.6.6, delete and substitute:

"3.6.6 Inductive elements. Unless otherwise specified, the wire used when winding inductors shall have a minimum diameter of .004 inch (0.10 mm) and shall be capable of meeting the requirements of type K or M of J-W-1177, or equivalent. Inductors shall be inspected to ensure that the wire is not kinked or nicked and that the insulation is continuous. For class S filters only, cores and ferrite beads shall be 100 percent inspected for chipped coating, cracks, chips, and material cracks and chips."

3.6.7.2e., delete in its entirety.

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3.6.8.1, lines six and seven, delete "QQ-S-571, or equivalent" and substitute "ANSI/J-STD-006".

3.6.8.1, last sentence: Delete

3.6.8.3, delete in its entirety.

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4.1.4, line four, delete "MIL-STD-45662" and substitute "ANSI/NCSL Z540-1, ISO 10012-1, or equivalent as approved by the qualifying activity".

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4.4.2c., delete in its entirety.

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4.5.2, second sentence, delete and substitute: "Other screening inspections may be applied at the option of the manufacturer, as approved by the qualifying activity."

4.5.2.1, first sentence, delete and substitute: "Rework of class S filters is not allowed unless the rework procedure has been approved by the qualifying activity."

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4.5.4.2, first sentence, delete "as specified in the baseline documentation".

4.5.4.2, line four, delete "to the same baseline/revision".

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4.6.25.2a., line two, delete "SN62WRMAP3 solder per QQ-S-571" and substitute "PB36AWB6 or PB36AWB7 solder per ANSI/J-STD-006".

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APPENDIX B, delete in its entirety.

CONCLUDING MATERIAL

Custodians:

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

Preparing activity:
DLA - ES

(Project 59GP-0137)

Review activities:

Army - AR, AT, AV, ME, MI
Navy - AS, CG, MC, OS, SH
Air Force - 19, 99