

INCH-POUND

MIL-PRF-49467A
AMENDMENT 2
15 July 1998
SUPERSEDING
AMENDMENT 1
20 April 1998

PERFORMANCE SPECIFICATION

CAPACITOR, FIXED, CERAMIC, MULTILAYER, HIGH VOLTAGE
(GENERAL PURPOSE), ESTABLISHED RELIABILITY,
GENERAL SPECIFICATION FOR

This amendment forms part of MIL-PRF-49467A, dated 19 May 1997, and is approved for use by all Departments and Agencies of the Department of Defense.

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TABLE II, delete and substitute:

“ TABLE II. Capacitance tolerance.

Symbol	Capacitance tolerance
J	± 5 percent
K	± 10 percent
M	± 20 percent

“

* FIGURE 1, delete and substitute:

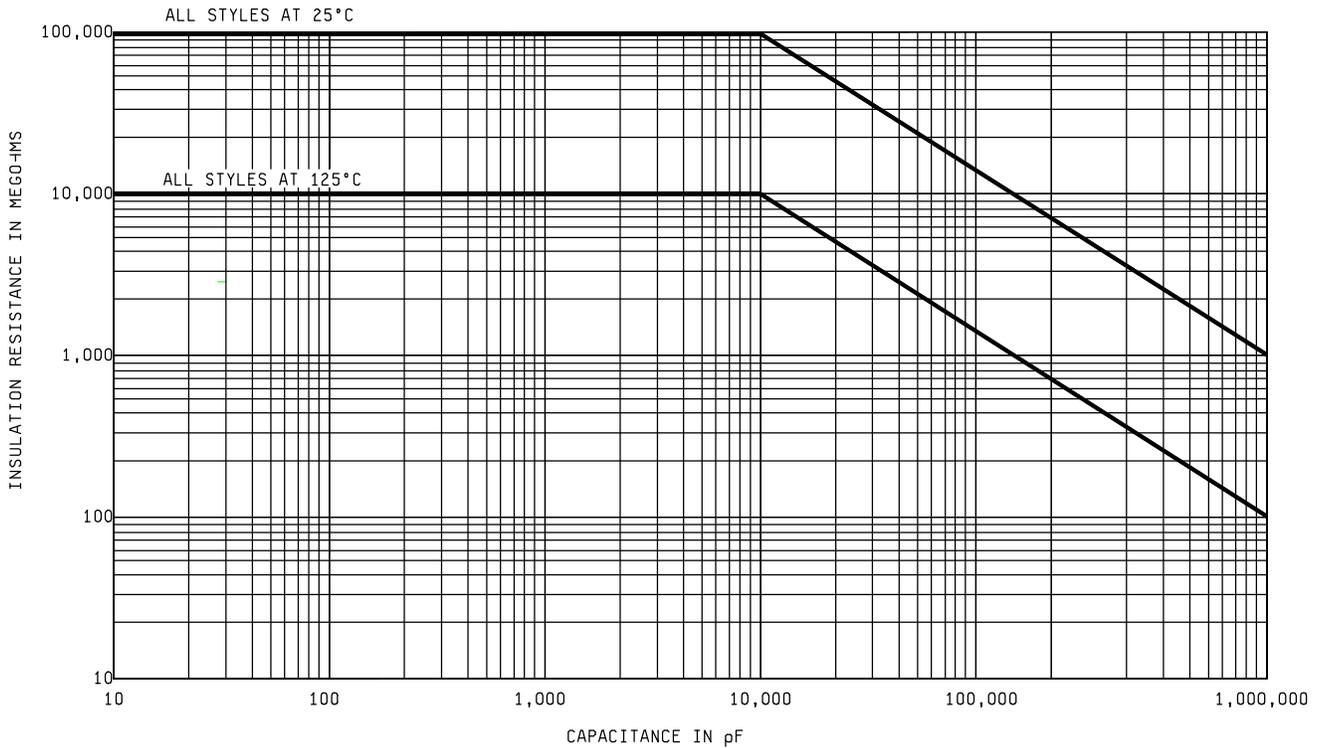


FIGURE 1. Insulation resistance versus capacitance. "

* 4.4.4.1c, heading, delete "Procedure II" and substitute "Procedure III".

* TABLE V, footnote 6, delete and substitute:

"6/ Partial discharge shall be performed after 2,000 hours of the life (at elevated ambient temperature) test for initial qualification. Partial discharge shall also be performed after 10,000 hours of the life (at elevated ambient temperature) test."

* TABLE VIII, footnote 5, delete and substitute:

"5/ Partial discharge shall be performed on completion of the 10,000 hour life (at elevated ambient temperature) test for informational purposes only."

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4.8.2.2, second paragraph, delete and substitute:

"After completion of the test, the insulation resistance shall be measured at +125°C in accordance with 4.8.8, with the exception that the test potential shall be a minimum of 500 V dc and a maximum of rated voltage. The units shall then be allowed to stabilize at room temperature (+25°C). After stabilization at room temperature, the insulation resistance, capacitance and dissipation factor shall be measured as specified in 4.8.8, 4.8.3 and 4.8.4, respectively."

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* Note at end of section 4, delete and substitute:

"NOTE: Test results (covering the number of capacitors tested with number and kinds of failures noted) and radiograph shall be retained for a minimum of 2 years. On request of user, test results shall be supplied with each shipment."

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* A.1.1, delete and substitute:

"A.1.1 This appendix details the procedure for submission of samples for qualification inspection of capacitors covered by this specification. This appendix is a mandatory part of the specification. The information contained herein is intended for compliance. The procedure for extending qualification of the required sample to other capacitors covered by this specification is also outlined herein."

* A.3.2, delete.

A.4.1, after last sentence, add:

"The BR characteristic parts shall qualify the BZ characteristic parts of equal or less capacitance."

The margins of this amendment are marked with an asterisk to indicate where changes (additions, modifications, corrections, deletions) from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

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