

PERFORMANCE SPECIFICATION

RESISTOR, VARIABLE, (WIRE-WOUND POWER TYPE),
GENERAL SPECIFICATION FOR

This amendment forms a part of MIL-R-22C, dated
1 July 1992, and is approved for use by all Departments
and Agencies of the Department of Defense.

PAGE 3

2.1.1, SPECIFICATION, MILITARY: Delete "MIL-R-39032 - Resistors, Packaging of."

2.1.1, SPECIFICATIONS, MILITARY: Delete "MIL-STD-45662 - Calibration Systems Requirements."

Add the following paragraph:

2.2.2 Other Government documents, drawings and publications The following other Government documents, drawings, and publications form a part of this document to the extent specified herein. Unless otherwise specified, the issues are those cited in the solicitation.

"AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)

ANSINC SL Z540-1 - Calibration Laboratory and Measuring and Test equipment, General Requirements for.

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 10036-8002.)"

PAGE 6

3.19, delete and substitute:

"3.19 Solderability. When resistors are soldered as specified in 4.6.16, resistors shall be free from pinholes, voids, porosity, nonwetting, or dewetting."

MIL-PRF-22C
AMENDMENT 4

PAGE 7

4.1.2, delete and substitute:

"4.1.2 Test equipment and inspection facilities The supplier shall establish and maintain a calibration system in accordance with ANSINC SL Z540-1, ISO-10012-1, or equivalent system as approved by the qualifying activity."

PAGE 10

* 4.4.4, first sentence, delete "6-month" and substitute "1-year"

4.4.4b, delete in its entirety.

* 4.4.4, second paragraph, first and third sentence, delete "6-month" and substitute "1-year"

PAGE 12

4.5.1.4 through 4.5.1.4.4, delete in their entirety.

PAGE 13

4.5.1.4.5, delete in its entirety.

TABLE XII and TABLE XIII, delete in their entirety.

PAGE 19

4.6.16, delete in its entirety and substitute:

"4.6.16 Solderability (see 3.19). Resistor terminals shall be tested and the following details shall apply:

a. No special preparation of lead is required.

b. Terminals shall be dipped within .125 inch of body. All three terminals shall be dipped simultaneously whenever possible. When configuration is such that terminals cannot be dipped simultaneously, the .125 inch shall apply to the terminal which occurs first when all three terminals are dipped in an orientation which most nearly meets the above requirement."

SECTION 5, delete in its entirety and substitute:

"5. PACKAGING

5.1 Packaging requirements. For acquisition purposes, the packaging requirements shall be as specified in the contract or order (see 6.2). When actual packaging of materiel is to be performed by DoD personnel, these personnel need to contact the responsible packaging activity to ascertain requisite packaging requirements. Packaging requirements are maintained by the Inventory Control Point's packaging activity within the Military Department or Defense Agency, or within the Military Department's System Command. Packaging data retrieval is available from the managing Military Department's or Defense Agency's automated packaging files, CD-ROM products, or by contacting the responsible packaging activity."

MIL-PRF-22C
AMENDMENT 4

PAGE 20

- * 6.3, last sentence, delete and substitute:

“The activity responsible for the qualification of this product is the Defense Supply Center, Columbus, DSCC-VQP, 3990 E. Broad St., Columbus, OH 43213-1199. DSCC-VQP may be reached at the DSCC web site, www.dscclia.mil/VVq/Vqp.”

The margins of this amendment are marked with an asterisk to indicate where changes 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.

Custodians:
Army - CR
Navy - EC
Air Force - 85

Preparing activity:
DLA - CC

(Project 5905-1524)

Review activities:
Army - AR, AT, AV, CR4, MI
Navy - AS, CG, MC, OS
Air Force - 17, 19, 99