

MIL-S-81824
AMENDMENT-3
15 June 1984
SUPERSEDING
AMENDMENT-2
23 October 1981

MILITARY SPECIFICATION

**SPLICES, ELECTRIC, PERMANENT, CRIMP STYLE, COPPER,
INSULATED, ENVIRONMENT RESISTANT**

This amendment forms a part of Military Specification MIL-S-81824, dated 20 August 1976, and is approved for use by all Departments and Agencies of the Department of Defense.

Page 1

3Paragraph 1.2 Change spelling from "Classiciation" to "Classification".

Page 3

Delete MIL-C-45662-Calibration System Requirements.

*Substitute MIL-STD-45662-Calibration System Requirements.

Page 4

Paragraph 3.3.2. Change to read as follows:

3.3.2 Plating - Unless otherwise specified, the metal crimp splice shall be tin-plated or silver plated over its entire surface in accordance with MIL-T-10727 and QQ-S-365 respectively. Mercury shall not be used in the fabrication of the metal crimp splice.

Page 5

*Paragraph 3.5.1. In the last line, change temperature from $225 \pm 3^{\circ}\text{C}$ to $175 \pm 3^{\circ}\text{C}$.

Page 6

Paragraph 3.6. In the last line, change "(see 4.5.2.1)" to "(see 4.5.2)".

Paragraph 3.7. Add a second sentence as follows: "Color coding shall be readily discernible after installation".

Paragraph 4.1. Delete existing paragraph and substitute the following:

4.1 Responsibility for inspection. Unless otherwise specified in the contract, the contractor is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract, the contractor may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specifications where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements.

MIL-S-81824
AMENDMENT-3

Page 17

Paragraph 6.1. Change first sentence to read as follows:

"6.1 Intended use - Splices covered by this specification are for use in making environmentally protected permanent joints on wires rated at 125°C minimum falling within the diameter range specified on the applicable specification sheet having insulations compatible with the sealing material".

Page 18

Paragraph 6.4 Delete the fourth sentence and substitute the following:
"However, the Commanding Officer, Naval Avionics Center (Code B/714), 6000 E. 21st Street, Indianapolis, Indiana 46218, has been designated Agent for the Naval Air Systems Command to establish the QPL."

"The margins of this amendment are marked with an asterisk or vertical lines 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."

Custodians:

Navy-AS
Army-ER
USAF-85

Review activities:

Army-AV
USAF-11, 99
DSA-GS

User activities:

Army-MI
Navy-MC, EC, SH, OS

Preparing activity:

Navy-AS
(Project No. 5940-8002)