

**INCH-POUND**  
**MIL-C-24217A(SH)**  
**AMENDMENT 1**  
**17 January 1989**

**MILITARY SPECIFICATION**

**CONNECTORS, ELECTRICAL, DEEP SUBMERGENCE, SUBMARINE**

This amendment forms a part of MIL-C-24217A(SH), dated 5 September 1984, and is approved for use by the Naval Sea Systems Command, Department of the Navy, and is available for use by all Departments and Agencies of the Department of Defense.

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**3.3.1: Delete and substitute:**

"**3.3.1 Non-magnetic materials.** Unless otherwise specified herein, all parts except ferrous alloy contacts shall be of a non-ferrous material or a material generally considered to be non-magnetic; permeability of all parts except ferrous alloy contacts shall be less than 2.0."

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**3.5.2: Delete and substitute:**

"**3.5.2 Contact resistance.** When tested in accordance with 4.7.2, the potential drop between pin and socket contacts, when assembled as in service, shall not be greater at the applicable test current than that specified in table V or VI of MIL-C-39029 for type A copper alloy contacts and table VII or VIII for type B ferrous alloy contacts. In case of mating of copper alloy and ferrous alloy contacts, table VII or VIII millivolt drop limit shall be used."

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**4.7.13: Delete and substitute:**

"**4.7.13 Permeability test.** Unmated connectors shall be checked to determine conformance with permeability indicator low-mu (go-no go) in accordance with MIL-I-17214."

**Preparing activity:**  
**Navy - SH**  
**(Project 5935-N352)**