
LGH* Micro-Miniature Connector, .135 Inch Diameter Plug & Receptacle

1. SCOPE

1.1. Content

This specification covers performance, tests and quality requirements for LGH* micro-miniature connector plug and receptacles. This free hanging, in line interconnect connector is used to connect high voltage power supplies to field emission displays.

1.2. Qualification

When tests are performed on the subject product line, procedures specified in Figure 1 shall be used. All inspections shall be performed using the applicable inspection plan and product drawing.

1.3. Qualification Test Results

Successful qualification testing on the subject product line was completed on 18Mar98. The test file number for this testing is CTL 4728-000-001. This documentation is on file at and available from the Americas Regional Laboratory.

2. APPLICABLE DOCUMENTS

The following documents form a part of this specification to the extent specified herein. Unless otherwise specified, the latest edition of the document applies. In the event of conflict between the requirements of this specification and the product drawing, the product drawing shall take precedence. In the event of conflict between the requirements of this specification and the referenced documents, this specification shall take precedence.

2.1. AMP Documents

- A. 109-1: General Requirements for Test Specifications
- B. 109 Series: Test Specifications as indicated in Figure 1
- C. Corporate Bulletin 401-76: Cross-reference between AMP Test Specifications and Government or Commercial Documents
- D. 501-426: Qualification Test Report

3. REQUIREMENTS

3.1. Design and Construction

Product shall be of the design, construction and physical dimensions specified on the applicable product drawing.

3.2. Materials

- A. Body: Silicone rubber
- B. Pin: Bronze with gold over nickel plating
- C. Socket: Copper with gold over nickel plating
- D. Wire: #24 silicone coated FEP