

LGH* Micro-Miniature Connector, .135 Inch Diameter Plug & Receptacle**1. INTRODUCTION**

1.1. Purpose

Testing was performed on the AMP* LGH* Micro-Miniature, .135 inch Diameter Plug and Receptacle to determine its conformance to the requirements of AMP Product Specification 108-1788 Rev. A.

1.2. Scope

This report covers the electrical, and mechanical performance of the LGH Micro-Miniature, .135 inch Diameter Plug and Receptacle. Testing was performed at the Americas Regional Laboratory between 03Mar98 and 18Mar98.

1.3. Conclusion

The LGH Micro-Miniature, .135 inch Diameter Plug and Receptacle listed in paragraph 1.5., conformed to the electrical, mechanical, and environmental performance requirements of AMP Product Specification 108-1788 Rev A.

1.4. Product Description

The LGH Micro-Miniature, .135 inch Diameter Plugs and Receptacles are free hanging, in line interconnect connectors designed to be used in high voltage power supplies in field emission displays.

1.5. Test Samples

The test samples were representative of normal production lots, and samples identified with the following part numbers were used for test:

<u>Test Group</u>	<u>Quantity</u>	<u>Part Nbr</u>	<u>Description</u>
1,2	6 ea.	443958-1	LGH Receptacle
1,2	6 ea.	443957-1	LGH Plug

1.6. Environmental Conditions

Unless otherwise stated, the following environmental conditions prevailed during testing:

Temperature:	15 to 35°C
Relative Humidity:	20 to 80%