

Cable Assembly, 2mm HM**1. INTRODUCTION****1.1. Purpose**

Testing was performed on AMP* 2mm Hard Metric (HM) Cable Assembly to determine its conformance to the requirements of AMP Product Specification 108-1517 Rev. O.

1.2. Scope

This report covers the electrical, mechanical, and environmental performance of the 2mm HM Cable Assembly manufactured by the Advanced Cable Systems Division. The testing was performed between December 12, 1996 and February 17, 1997.

1.3. Conclusion

The 2mm HM Cable Assembly, listed in paragraph 1.5., meet the electrical, mechanical, and environmental performance requirements of AMP Product Specification 108-1517 Rev O.

1.4. Product Description

The 2mm HM Cable Assembly is an unshielded multiple pin receptacle cable connector system designed to mate to the AMP* Z-PACK* product family either through shrouds pressed onto the tail of a 5 row Z-PACK vertical header or to the Z-PACK header itself. The cable, of various construction and type, is welded or solder terminated to the "chicklet". The "chicklet" contains 5 individual contacts which are overmolded to provide strain relief and features necessary to latch the "chicklet" into the housing, in addition to allow latching of the connector into the mating shroud. The housings which the "chicklets" are inserted into are polarized.

1.5. Test Samples

The test samples were randomly selected from normal current production lots, and the following part numbers were used for test:

<u>Test Group</u>	<u>Quantity</u>	<u>Part Nbr</u>	<u>Description</u>
1,2,3,4	5 ea.	621275-1	2mm Cable Assembly