DESIGN OBJECTIVES

The product described in this document has not been fully tested to ensure conformance to the requirements outlined below. Therefore, AMP (Japan), Ltd makes no representation or warranty, express or implied, that the product will comply with these requirements. Further, AMP (Japan), Ltd. may change these requirements based on the results of additional testing and evaluation. Contact AMP Engineering for further details.

In case when "product specification" is referred to in this document, it should be read as "design objectives" for all times as applicable.

1. Scope:

This product specification provides requirements for product performance capability and test methods of AMP "EI" series connector post header assembly with PCB hole holding function of the following part numbers.

Part Number Post Header Ass'y	Part Number PVC Case Enclosed	Descriptions
X - 172732 - X	X - 172800 - X	AMP "EI" Series Connector, Post Header Assembly with PCB Hole Holding Function

- 2. Material and Finish:
- 2.1 Post, Vertical Type:
- 2.1.1 Material: 0.64mm (.025") Square brass post, pretinned 0.8µm minimum thick, over 0.5µm minimum thick copper underplate
- 3. Quality Assurance Provisions:
- 3.1 Test Conditions:

Unless otherwise specified, all the tests shall be performed under any combination of the following test conditions.

Temperature: Relative Humidity:

15 - 35°C 45 - 75%

Atmospheric Pressure:

650 - 800mmHg

- 3.2 Test Specimens:
- 3.2.1 Preparation:

The test specimens to be employed for the tests, shall be selected at random from current production system. They must be conforming to the requirements of applicable product drawing(s).

3.2.2 Reuse for Test:

No sample product shall be reused for the tests, unless otherwise specified.

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Table 1 (End)

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insertion, turn over PCB and pat it to confirm holding function.

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NAME Product Specification
AMP "EI" Series, Connector, Post Header
Assembly w/PCB Hole Holding Function

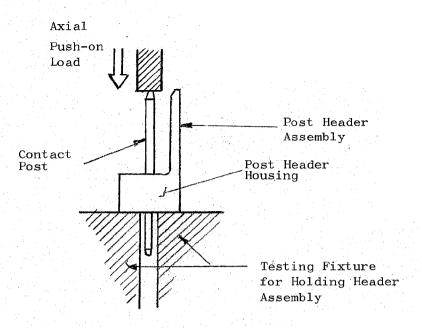


Fig. 1 Post Retention Force Test Method

5. Test Sequence:

Evaluation testing shall be performed in the sequence specified in Table 2.

Para- graph	Test Item	Sample Groups					
Number	1660 Item	1	2	3	4	-11-	
4.1.1	Appearance, Confirmation of Product	1	1	1	1	, //	<u></u>
4.1.2	Post Retention Force	2				umanfifumu	-#-
4.1.3	Post Solderability		2			#	-#-
4.1.4	Post, Soldering Heat Resistivity			2		#-	#
4.1.5	Mounting Force and Reten- tion Force on PCB				2	-#-	-#

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NAME Product Specification AMP "EI" Series Connector, Post Header Assembly w/PCB Hole Holding Function								