

**PRODUCT SPECIFICATION**

**1. SCOPE**

**1.1 Content**

This specification covers the performance, tests and quality requirements for 2,80 mm tabs for printed circuit boards.

**2. APPLICABLE DOCUMENTS**

The following documents form a part of this specification to the extent specified herein. 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 Specifications**

- A. 109-1 : General Requirements for Test Specifications
- B. 109 Series : Test Specifications as indicated in Figure 1.  
(Comply with MIL-STD-202, MIL-STD-1344 and EIA RS-364)

**3. REQUIREMENTS**

**3.1 Design and Construction**

Terminals shall be of the design, construction and physical dimensions specified on the applicable Product Drawing.

**3.2 Materials and Finish**

According to applicable Product Drawing.

**3.3 Performance and Test Description**

Terminals shall be designed to meet the performance requirements specified in Figure 1.

Test Description	Requirement	Procedure
Examination of Product	Meets requirements of product drawing	Visual, dimensional and functional per applicable inspection plan

Figure 1 (continued)

				PRE I. Freire	4-Mar-92	FECHA	<b>AMP</b>	AMP Española, S. A. BARCELONA - ESPAÑA		
				COM P. Durán	4-Mar-92	FECHA				
				APR.		FECHA	LOC AL	A	NUM. 108-22020	REV. 0
LTR	REVISION	RE	COM.	FECHA	HOJA 1 DE 2	DESCRIPCION TAB FOR P.C. BOARDS				

M E C H A N I C A L		
Terminal retention in printed circuit board	10 N min. Hole diameter according to requirements of applicable customer drawing	Apply axial load in extraction direction at 50 mm/min speed
Solderability (only applicable to tin plated contacts)	Contact shall have a solder coverage surface of 95 % minimum	Subject terminals to solderability; AMP Spec. 109-11-2

Figure 1 (end)

### 3.4 Connector Tests and Sequences

T E S T   O R   E X A M I N A T I O N	T E S T   G R O U P   (a)	
	1	2
	T E S T   S E Q U E N C E   (b)	
Examination of Product	1	1
Terminal Retention in printed circuit	2	
Solderability		2

Figure 2

- (a) See para. 4
- (b) Numbers indicate sequence in which tests are performed

### 4. QUALIFICATION

Qualification inspection shall be verified by testing samples as specified in para. 3.3 and test sequences specified in para. 3.4.

Terminals shall be selected at random from current production lots.

Test groups shall consist of a minimum of 10 samples.

HOJA 2 DE 2	<b>AMP</b> AMP Española, S. A. BARCELONA - ESPAÑA		
LOC A	NUM. 108-22020	REV. 0	
DESCRIPCION TAB FOR P.C. BOARDS			