

REV	REASON	TANDEM SPRING SHUNT CONNECTOR	ENGINEERING RELEASE DATE
			APPROVAL
			DON HUFFMAN

1. INTRODUCTION

This specification covers the requirements for application of the AMP* Tandem Spring Shunt Connector for commoning two .025-in. square posts with a centerline spacing between posts of .100 inch.

Figure 1 shows a typical shunt connector and its features. The terms identifying the features are used throughout this specification.

NOTE

All dimensions are given in inches unless otherwise specified.

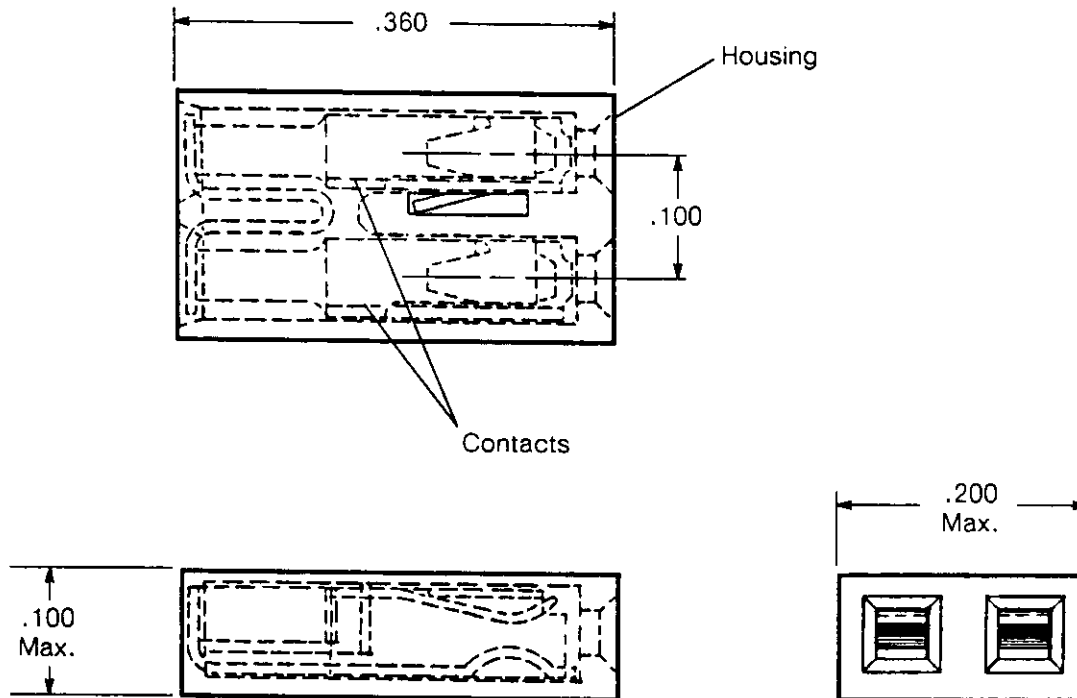


Fig. 1. Product Features

2. REFERENCE MATERIALS

2.1. Product Number and Product Code

Product Part Number 530153 and Product Code 5273 are representative of the AMP Tandem Spring Shunt product line. Use of these numbers will identify the product line and expedite your inquiries through an AMP service network established to help you obtain product and tooling information. Such information can be obtained through a local AMP Representative (Field Sales Engineer, Field Applications Engineer, etc.) or, after purchase, by calling the CUSTOMER HOTLINE at the top of the first page.

2.2. Customer Drawing

An AMP Customer Drawing is available for each part number assigned to this product line. In the event of a conflict between this specification and the customer drawing, the customer drawing information will take precedence.

2.3. Instructional Material

AMP Instruction Sheet IS 3208 provides shunt connector installation procedures.

2.4. Specification

AMP Product Specification 108-9062 covers product performance requirements and test data relating to the connectors.

3. REQUIREMENTS

3.1. Mating Post

This connector is used for mating, commoning, or shorting two .025-in. square posts on .100-in. centerlines. The post length must be a minimum of .175 in. to a maximum of .330 in.

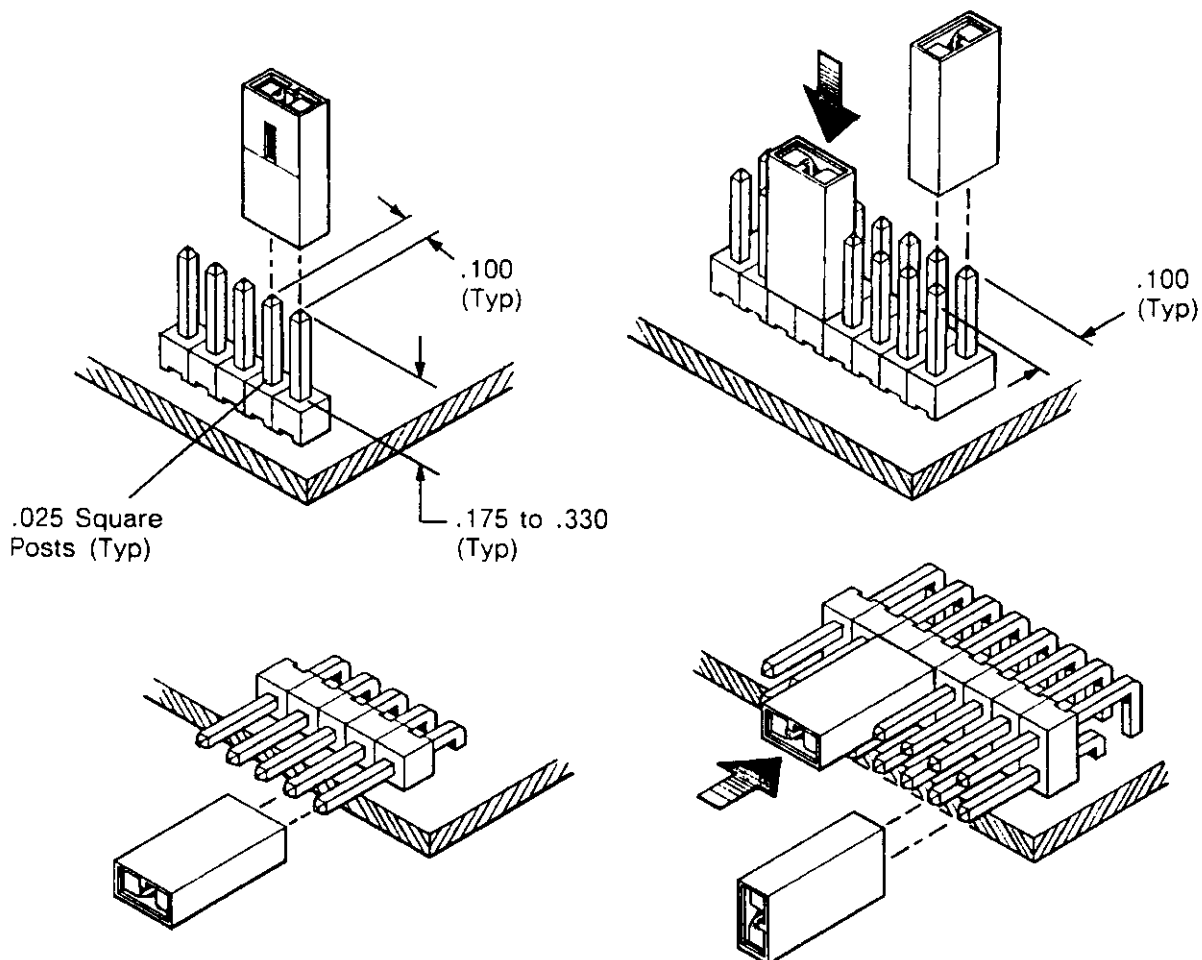


Fig. 2. Post Requirements

3.2. Special Assembly Considerations

Connectors may be installed by hand or with a needle-nose pliers until bottomed.

CAUTION

Care should be taken when using pliers that excessive force is not applied to sides of connector. This can cause shunt housing damage.

4. VISUAL AID

Figure 3 shows a typical installation of an AMP Tandem Spring Shunt Connector. The illustration depicts, in general, the conditions that production personnel should check to ensure a suitable installation. For dimension inspection, refer to the preceding pages of this specification.

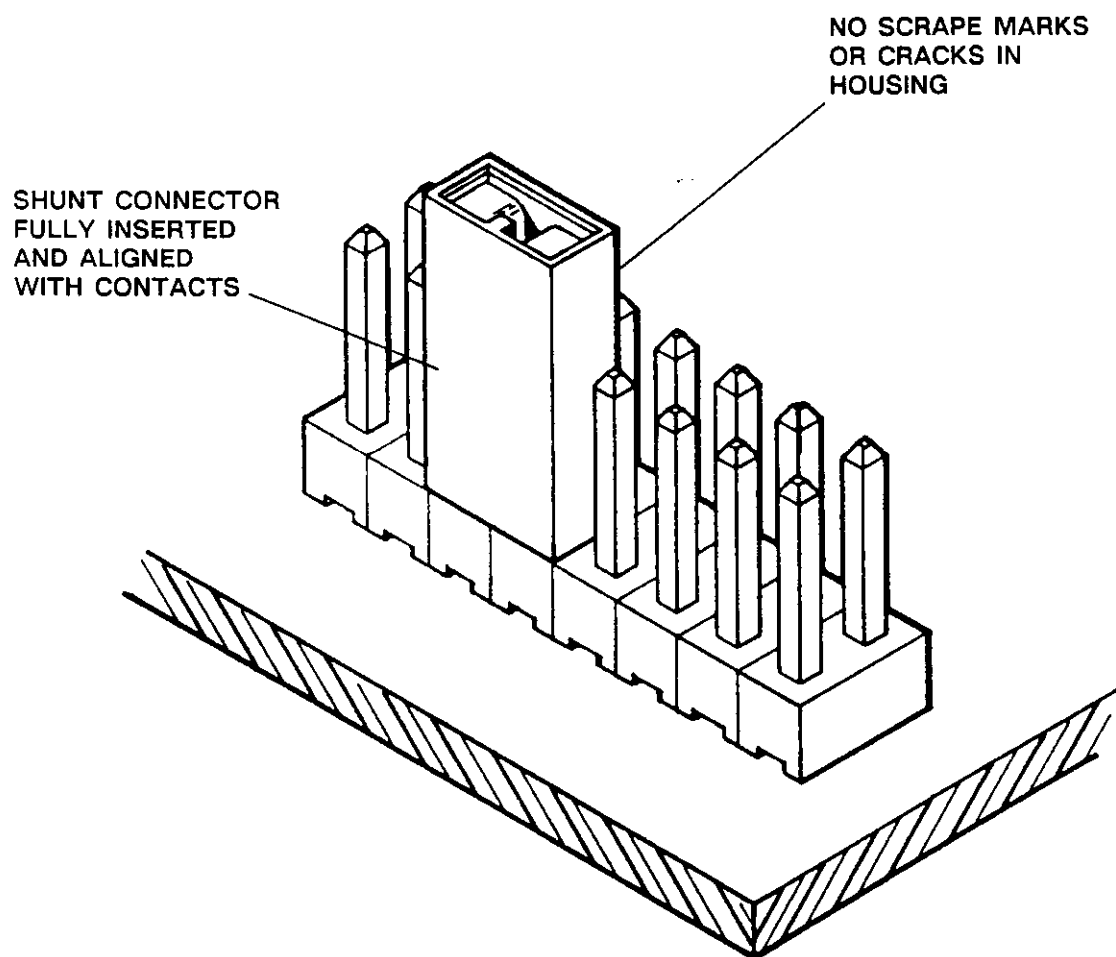


FIG. 3. VISUAL AID