



All numerical values are in metric units [with U.S. customary units in brackets]. Dimensions are in millimeters [and inches]. Unless otherwise specified, dimensions have a tolerance of ± 0.13 [$\pm .005$] and angles have a tolerance of $\pm 2^\circ$. Figures and illustrations are for identification only and are not drawn to scale.

1. INTRODUCTION

This specification covers the requirements for application of 2mm Mini-Shunt Connectors. These 2-position connectors are used for mating, commoning, or shorting two 0.5 [.020] square posts on 2.0 [.079] centerlines.

Each connector consists of a glass-filled polyester housing pre-loaded with receptacle contacts of beryllium copper material.

Figure 1 shows the product components and terms of their features. When corresponding with TE Connectivity personnel, use the terminology provided in this specification to facilitate your inquiries for information. Basic terms and features of this product are provided in Figure 1.

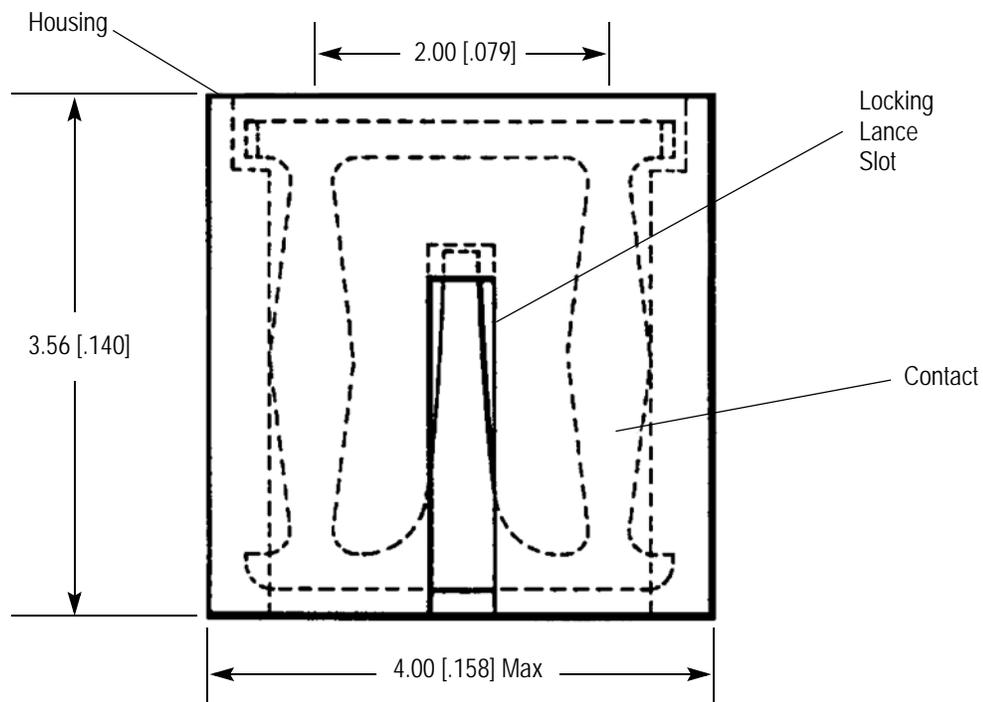


Figure 1

2. REFERENCE MATERIAL

2.1. Revision Summary

Revisions to this application specification include:

- Clarified dimensions in Figure 1.
- Updated document to corporate requirements.

2.2. Customer Assistance

Reference Product Base Part Number 382575 and Product Code 4153 are representative of . Use of these numbers will identify the product line and help you to obtain product and tooling information. Such information can be obtained through a local TE Representative, by visiting our website at www.te.com, or by calling PRODUCT INFORMATION or the TOOLING ASSISTANCE CENTER at the numbers at the bottom of page 1.

2.3. Engineering Drawings

Customer Drawings for specific products are available from the service network. The information contained in Customer Drawings takes priority if there is a conflict with this specification or with any other technical documentation supplied by TE.

2.4. Product Specification

Product Specification 108-1445 provides product performance requirements and test information.

2.5. Instructional Material

Instruction Sheet 408-3276 provides 2mm shunt connector installation procedures.

3. REQUIREMENTS

The connectors are used for mating, commoning, or shorting two 0.5 [0.020] square or round posts on 2.0 [.079] centerlines. The post length must be a minimum of 2.54 [.100]. See Figure 2.

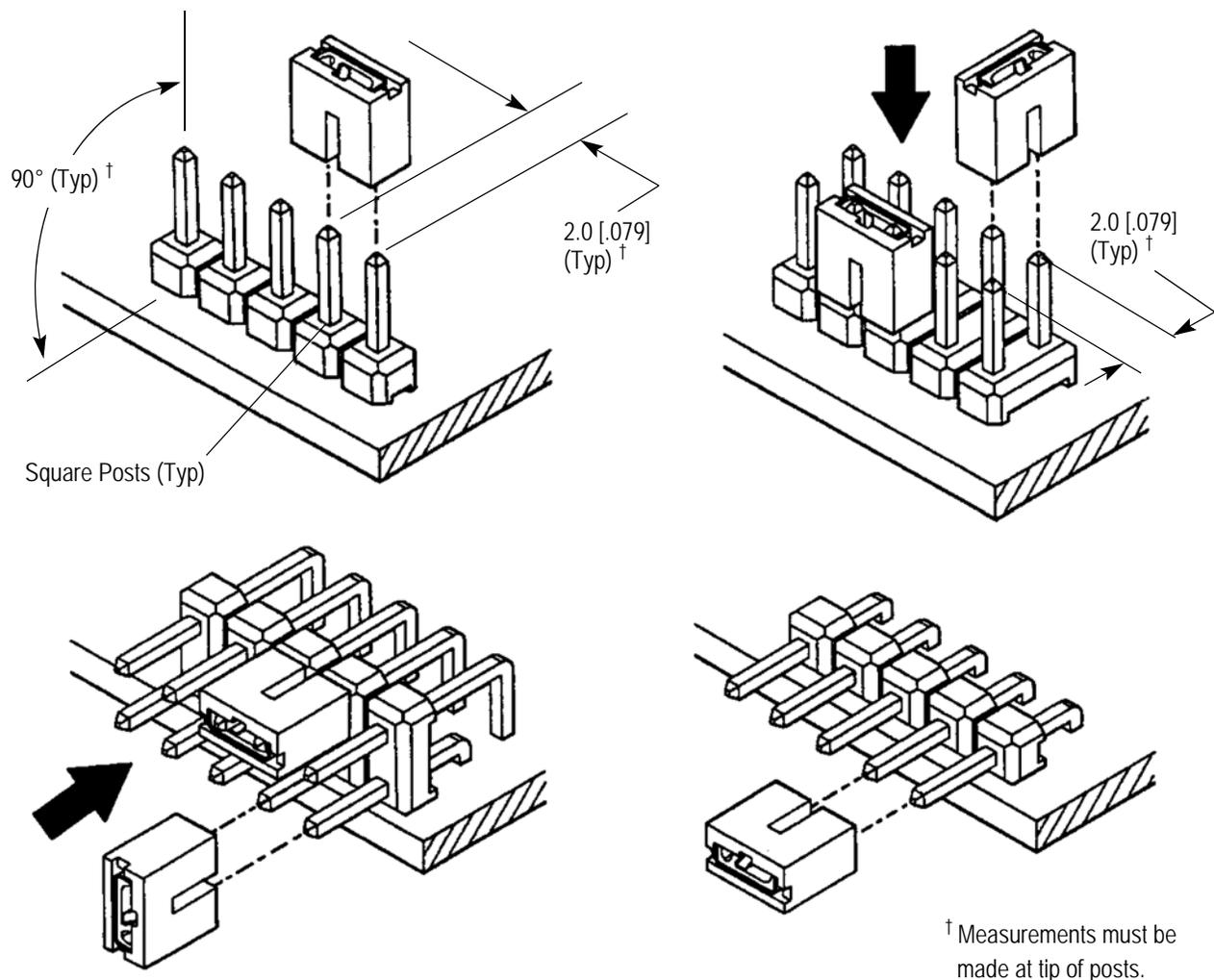


Figure 2

4. TOOLING

Connectors may be installed by hand or with tweezers until bottomed. Connectors may also be removed by hand or with tweezers.

5. VISUAL AID

The illustration below shows a typical application of this product. This illustration should be used by production personnel to ensure a correctly applied product. Applications which DO NOT appear correct should be inspected using the information in the preceding pages of this specification and in the instructional material shipped with the product or tooling.

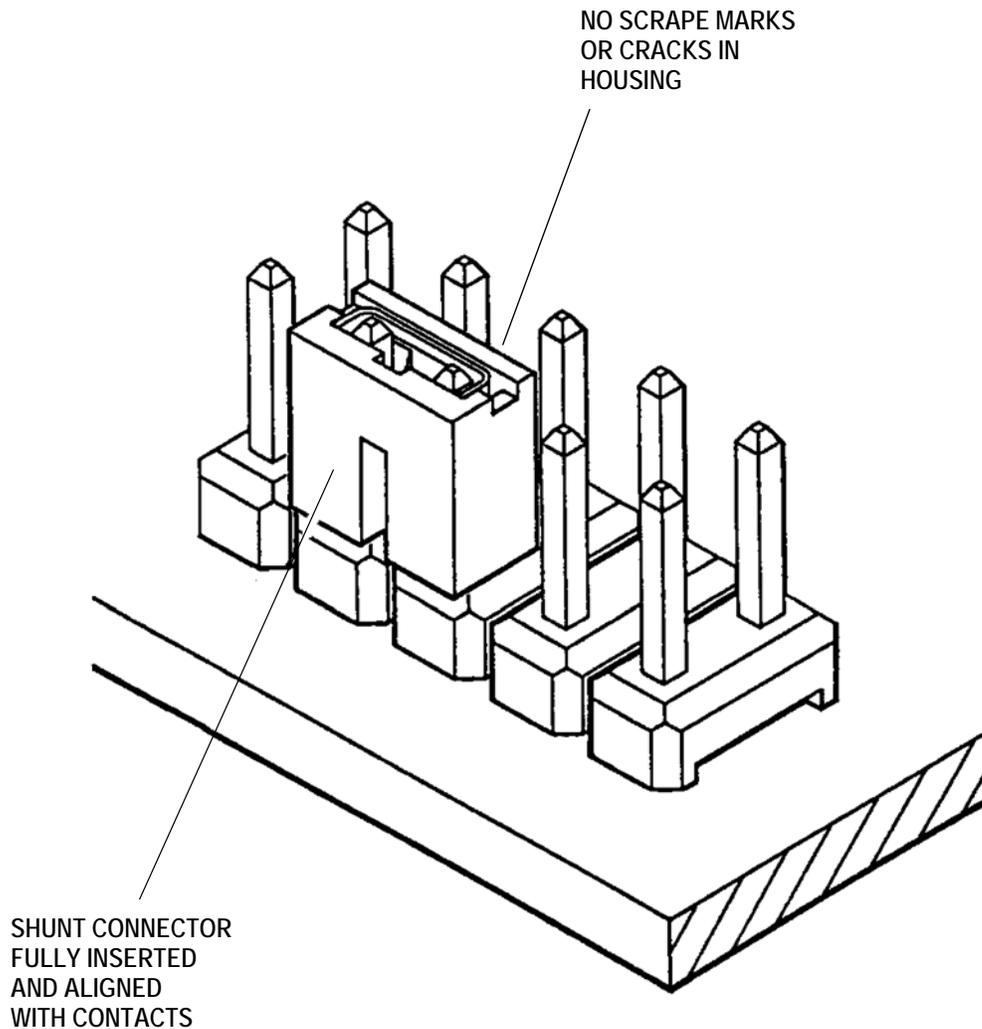


FIGURE 3. VISUAL AID