



FIGURE 1

1. INTRODUCTION

These instructions cover specific information pertaining to the AMP 11-Position, Series "G" Connector Modules shown in Figure 1. We recommend that you read these instructions and those referenced for specific applications before starting.

2. DESCRIPTION

The Contact Cavities with the smaller diameter are designed to accept Type II, Type III, Type III+ or Subminiature COAXICON★ Contacts. The Contact Cavities with the larger diameter are designed to accept Type I (Size 12) or Miniature COAXICON Contacts. See Figure 1.

Pin Contacts must be inserted into the Pin Modules and Socket Contacts must be inserted into the Socket Modules as indicated in the Figure.

Notice that the Shoulder on the Pin Module is located at the mating end of the module. To determine the

Mating Face of the Socket Module, orient it so that the Number Codes on the Mating Face are a mirror image of those on the Pin Module. The arrows on the Module indicate the end into which the contacts are to be inserted.

3. INSTALLING MODULES

These Modules are designed to be installed in the AMP Series "G" Connector Shells which have a 1, 2 or 3 module capacity. The assembly of the various shells and the optional hardware is described on the AMP Instruction Sheet (IS 7184) which is packaged with the Connector Shells.

WARNING

These Modules are designed for High Voltage applications. If improperly mated, a serious or fatal shock could result. The ONLY way to ensure proper mating is to make certain the NUMBER CODES on the Mating Faces match as shown in Figure 1.

4. CONTACTS

Selection -- Determine the Wire Size specified for the application, then refer to the Instruction Sheets (IS) listed in Figure 1 for the applicable Selection Charts. If you do not already have these Instruction Sheets, we suggest that you request them from your local AMP Representative.

Crimping -- The Strip Form Contacts are designed to be crimped with AMP Automatic Machine Applicators. Consult your local AMP Representative for the applicator that would best suit your needs.

The Loose Piece Contacts are designed to be crimped with the AMP Hand Crimping Tools listed on the Contact Selection Charts. See chart in Figure 1.

Insertion -- Normally, an insertion tool is not required for inserting contacts into these Modules. However, if the contacts are crimped to small flexible

wires, we recommend that you use the AMP tweezer type Insertion Tool 91002-[].

To insert a contact, align it with the BACK of the contact cavity and insert it straight into the module until it bottoms. Then pull back lightly on the wire to make sure the contact is locked in place.

Extraction -- The AMP Extraction Tool 305183-8 is designed to remove Type I (Size 12) and Miniature COAXICON Contacts. Read the instruction (IS 1216) packaged with the tool for the proper extraction procedure.

The AMP Extraction Tool 305183 is designed to remove Type II, III, III+ and Subminiature COAXICON Contacts. Read the instruction (IS 1216) packaged with the tool for the proper extraction procedure.