

INFOPORT SERIES III CONNECTOR	
DESCRIPTION	PART NO.
TERMINAL HOUSING	558880 or 558666
SHIELD SET	558807
COVER (2 Reqd)	558809

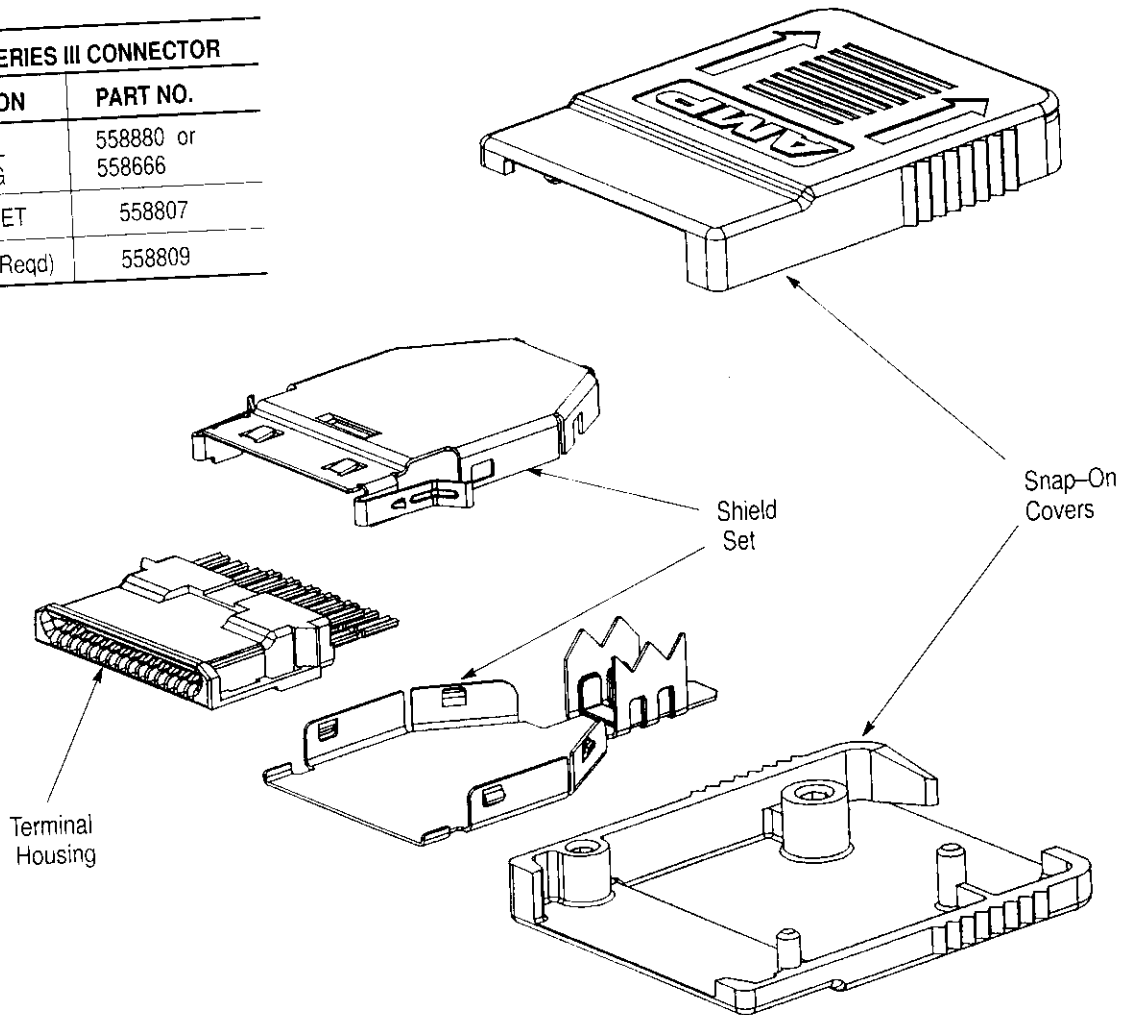


Figure 1

### 1. INTRODUCTION

This instruction sheet provides assembly procedures for the AMP\* INFOPORT Series III Pull-To-Release Connector System. The connector consists of a terminal housing, shield set, and two snap-on covers (see Figure 1).

### 2. ASSEMBLY PROCEDURE

Refer to AMP Application Specification 114-6058 for information on terminating cable to the terminal solder cups and attaching shields to the housing.

#### NOTE

Before the upper shield is assembled, a potting compound must be applied over the solder cups. It must be sufficient to block the holes in the back of the housing to prevent wicking of the overmold compound into the contact area.

After the shields have been attached to the housing, the assembly must be overmolded to create the actuation features for the pull-to-release mechanism to function properly.

Refer to Figure 2 for the location and dimensions of the critical areas of the overmold. Areas which are not critical to the function of the part are not specified in this figure and may be customized for different applications.

#### NOTE

The strain relief may need modification based on the cable size being used.

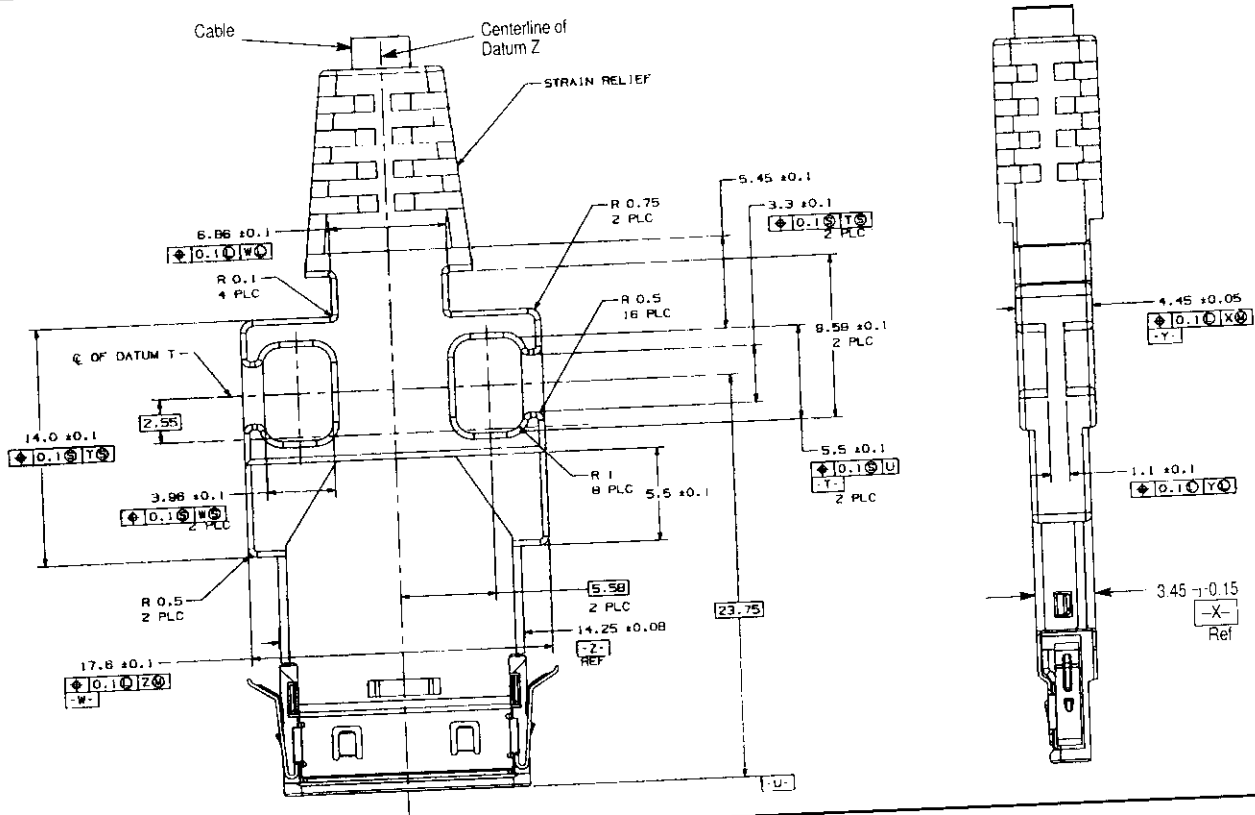


Figure 2

The snap-on covers are identical.

1. Lay the overmolded connector assembly into one cover, making sure that the metal latch is inserted into the proper location (see Figure 3).

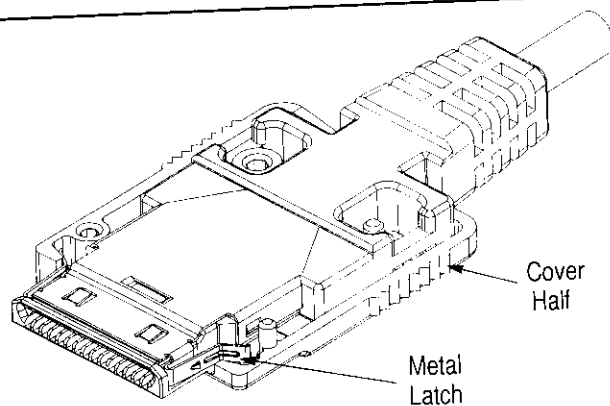


Figure 3

2. Place the second cover over the assembly and into the first cover. It may be necessary to deflect the second metal latch slightly to fit it into the proper cavity in the cover. The two covers should be pushed together until they are fully mated (see Figure 4).

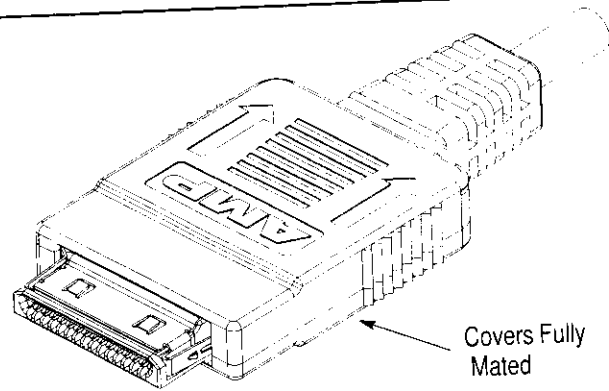


Figure 4

### 3. OPERATION INSTRUCTIONS

The pull-to-release cable assembly may be connected to an AMP INFOPORT Series III header by gripping the boot and pushing forward on it to insert the connector. The metal latches will deflect on their own without any outside action by the user. To remove the connector, grip the cover of the connector on either the top and bottom or on each side and pull back toward the cable strain relief. This action will cause the cover to slide against the metal latches and release them from the header. When released by the user, the cover will snap forward, back to its original position.