

PLUG ASSEMBLY	POSITION	CABLE	POSITION	CABLE GUIDE/ADAPTER	TYPE
X-1761184-3	8	520471-1	4	63396-2	Centered
5-1761184-6	16	520475-1	8	1761181-1	Centered

NOTE: "X" deotes 1 -- through -5, depending upon the desired keying.

Figure 1

1. INTRODUCTION

This instruction sheet covers the installation and application of SDL Flat-Cable Plug Connector Cable Guide/Adapters 1761181-1 and 63396-2. These cable guide/adapters are used to convert 8- or 16-position SDL Flat-Cable Plug Connectors for use with a 4-position or 8-position flat cable.

NOTE *Dimensions in this instruction sheet are in millimeters [with inches in brackets]. Figures are for reference only, and are not drawn to scale.*

Reasons for reissue of this instruction sheet are provided in Section 4, REVISION SUMMARY.

Read these instructions carefully before installing the adapter.

2. DESCRIPTION

The cable guide/adapter is a formed metal insert which is positioned within the cable cavity of an 8-position or 16-position SDL Flat-Cable Plug Assembly. The adapter centers a 4-position cable in an 8-position plug or an 8-position cable in a 16-position plug. The adapter provides additional shielding for the finished plug assembly. Refer to Figure 1.

3. INSTALLATION

When using a 4-position cable in an 8-Position SDL Flat Cable Plug Assembly, or an 8-position cable in a 16-Position SDL Flat Cable Plug Assembly, refer to Figure 2 and proceed as follows:

- Strip the 4-position or 8-position cable by removing 11.68 ± 0.25 [$.460 \pm .010$] of outer jacket from the cable. Refer to Figure 1.
- Grasp the plug connector and hold it with the gold contacts facing up.
- Grasp the cable guide/adapter with the tabs UP and insert it into the plug cavity as shown in Figure 2. Push the adapter into the cavity until it latches on the cantilevered metal flaps in the cavity and the adapter tabs are flush with the cavity opening.

NOTE *It is important to have the adapter properly orientated as shown in Figure 2. Once the adapter has been inserted, it may not be removed.*

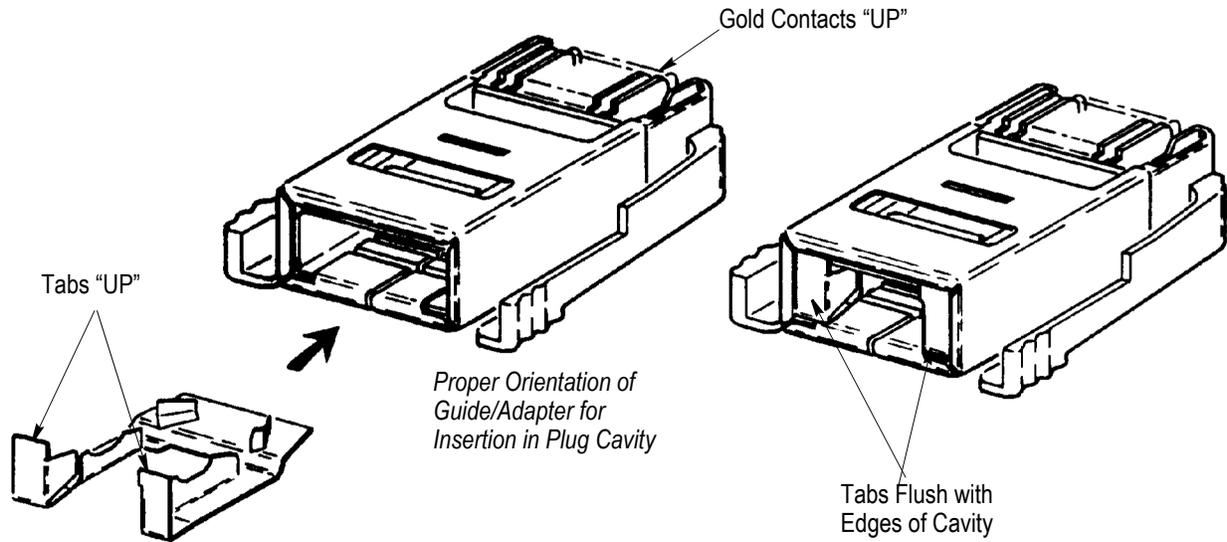
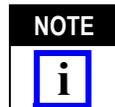


Figure 2

4. Insert the stripped 4-position or 8-position cable into the plug cavity created by the guide/adapter until the conductors are bottomed in the cavity.
5. Examine the mating face of the plug connector to ensure that the conductors are against the inner surface of the mating face. Refer to Figure 3.
6. Terminate the plug connector in accordance with the instructions packaged with the termination tooling.



For additional information regarding SDL Flat-Cable Plug Connectors, refer to Application Specification 114-2086.



Damaged product should not be used. If damaged product is evident, it should be cut from the cable and replaced with a new one.

4. REVISION SUMMARY

Since the previous release of these instructions, the TE Connectivity logo has been applied.

Cable Insertion and Conductor Examination

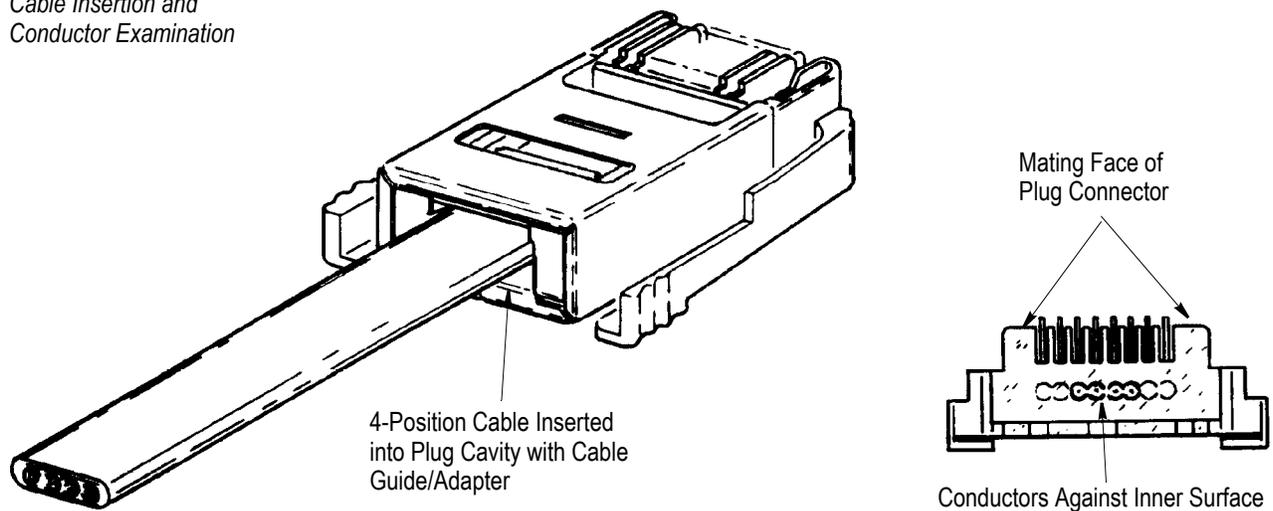


Figure 3