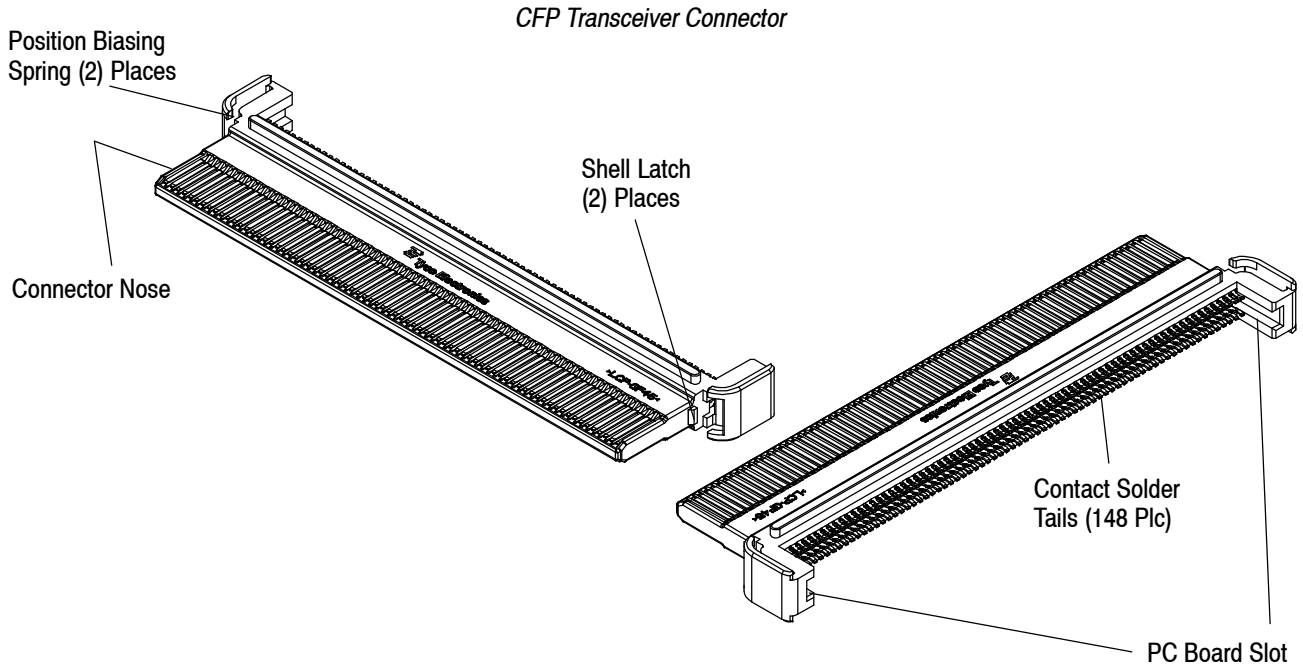

Figure 1

1. INTRODUCTION

The CFP Transceiver Connector Assembly 2057629-1, used to interconnect the CFP fiber-optic transceiver modules-to-board mounted CFP receptacles. See Figure 1.

NOTE

All dimensions on this document are in metric units. Figures and illustrations are for reference only and are not drawn to scale.

2. DESCRIPTION

The connector assembly contains two rows of straddle mount contacts and features an entry slot that accepts 1.6 ±0.16 mm CFP transceiver printed circuit (pc) boards designed for use in CFP transceiver modules. The connector nose will protrude from the CFP transceiver module and is designed to be inserted into the CFP receptacle connector. Bias springs and a positioning latch on both sides of the housing position the housing precisely inside the CFP transceiver module.

3. ASSEMBLY PROCEDURE

1. Design a pc board in accordance with Application Specification 114-13262.

2. Install the pc board into the pc board slot on the connector assembly according to Application Specification 114-13262. Avoid damaging or over-stressing the contact solder tines. One row of solder tines will rest on each side of the pc board. Refer to Figure 2. Solder the connector to the pc board before seating the connector into the transceiver module, or mounting any components on the pc boards that may be damaged by the soldering process.

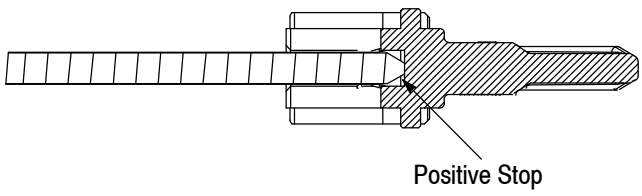

Figure 2

CAUTION

The soldering process may cause damage to other CFP components.

3. Mount all other necessary components to the pc board.

4. Insert the mounted transceiver assembly into the module. The bias springs will push the connector toward the back of the module. This should ensure that the positioning surface in the module is in contact with the rear surface of the positioning latch on the connector assembly.

5. With the positioning surface in the module in contact with the rear surface of the positioning latch on the connector assembly, close the module and secure the components tightly in position with screws.

4. CONNECTOR REMOVAL

Unscrew the halves of the module shell. Remove the CFP transceiver connector assembly and the pc board. If possible, remove any other salvageable components from the pc board that cannot survive a de-soldering process. Use standard de-soldering methods to remove the CFP transceiver connector from the host pc board.

Do NOT re-use the connector after removal.

5. REPLACEMENT AND REPAIR

The CFP transceiver connectors are not repairable. Do NOT use any defective or damaged products.

6. REVISION SUMMARY

- Initial release of document