

1. INTRODUCTION

This instruction sheet covers installation of HPR PC Board Connector Kits 2000222-[] (right-angle daughter card connector) and 2000223-[] (vertical mother board “backplane” connector) onto the pc board. The connectors in these kits are configured to mate with each other.

2. DESCRIPTION

Each connector kit consists of four 6-position universal power module (UPM) connectors, one 100-position Z-PACK* hard metric (HM) 2mm connector, a shell, and four mounting screws. The mother board connector kit also contains two guide pins and screws.

3. INSTALLATION

Ensure that the pc board is prepared according to the customized customer drawing, then proceed as follows:

3.1. Daughter Card Connector Kit (Refer to Figure 1)

1. Seat the HM 2mm connector onto the pc board using Seating Tool 122559-1 and Support Anvil 122561-1. Refer to Instruction Sheet 408-4216.

NOTE



For detailed application requirements, refer to Application Specification 114-19029.

2. Seat each UPM connector onto the pc board using Seating Tool 224441-1 and Support Anvil 224442-1. Refer to 408-4280.

NOTE



For detailed application requirements, refer to 114-1103.

3. Orient the shell so that the pc board alignment post of the shell aligns with the alignment slot in the pc board and the bays (of the shell) align with the connectors; then slide the shell over the connectors and onto the pc board.

4. Apply a thread sealant to the threads of the mounting screws. Make sure that the mounting holes of the shell align with the mounting holes in the pc board and, from the *bottom* of the pc board, thread the mounting screws through the mounting holes and into the mounting holes of the shell. Tighten the screws.

HPR Connector Kits 2000222-[] — Right-Angle Daughter Card Connector

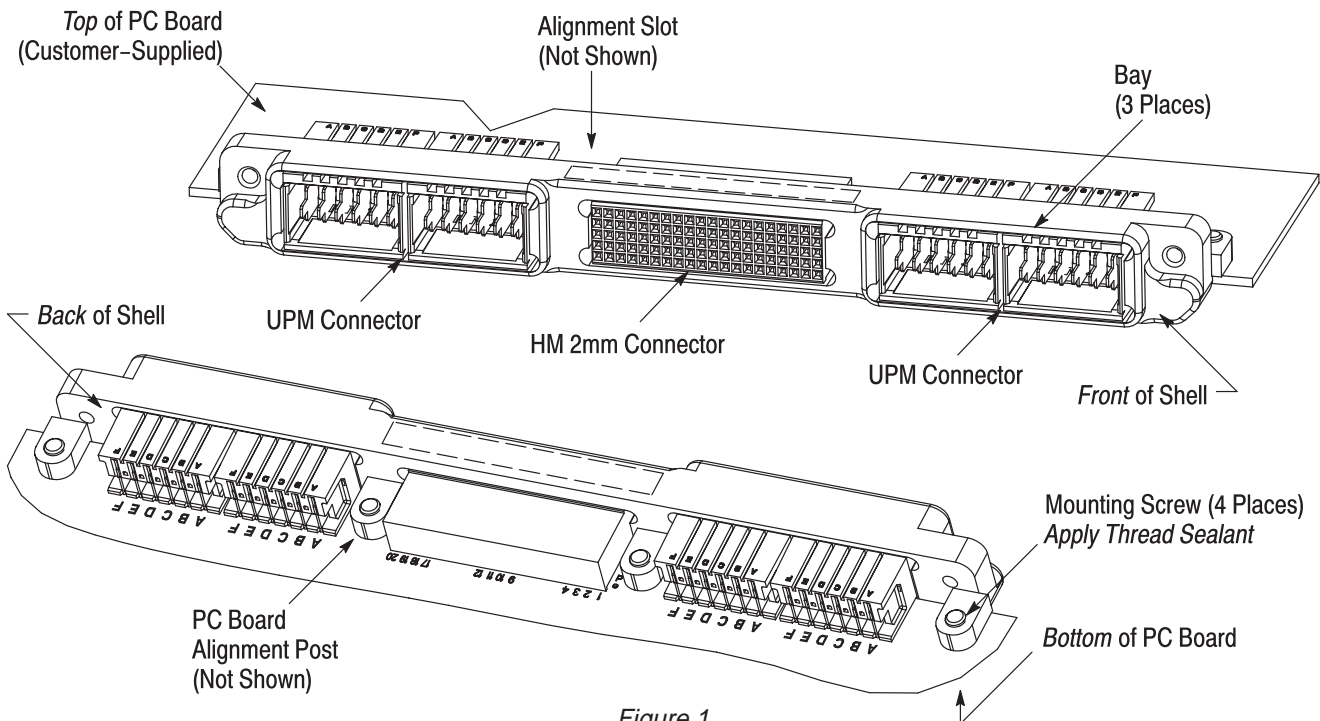


Figure 1

3.2. Mother Board Connector Kit (Refer to Figure 2)

1. Seat the HM 2mm connector onto the pc board using Seating Tool 90755-2. Refer to 408-9914.

NOTE For detailed application requirements, refer to 114-19029.

2. Seat each UPM connector onto the pc board using Seating Tool 224421-4 and Support Anvil 217602-1. Refer to 408-4169.

NOTE For detailed application requirements, refer to 114-1103.

3. Orient the shell so that the two pc board alignment posts of the shell align with the alignment holes in the pc board and the bays (of the shell) align with the connectors; then slide the shell over the connectors and onto the pc board.

4. Apply a thread sealant to the threads of the screws that secure the guide pins. Insert each guide pin into the guide pin hole in the shell, and from the *bottom* of the pc board, insert each screw through the hole and into the guide pin. Tighten the screws.

5. Apply a thread sealant to the threads of the mounting screws. Make sure that the mounting holes of the shell align with the mounting holes in the pc board and, from the *bottom* of the pc board, thread the mounting screws through the mounting holes and into the mounting holes of the shell. Tighten the screws.

4. REPLACEMENT AND REPAIR

Kit components are not repairable. DO NOT use any damaged components. DO NOT re-use jacks or plugs by removing the wire.

5. REVISION SUMMARY

- Initial release of instruction sheet

HPR Connector Kits 2000223-[] — Vertical Mother Board (Backplane) Connector

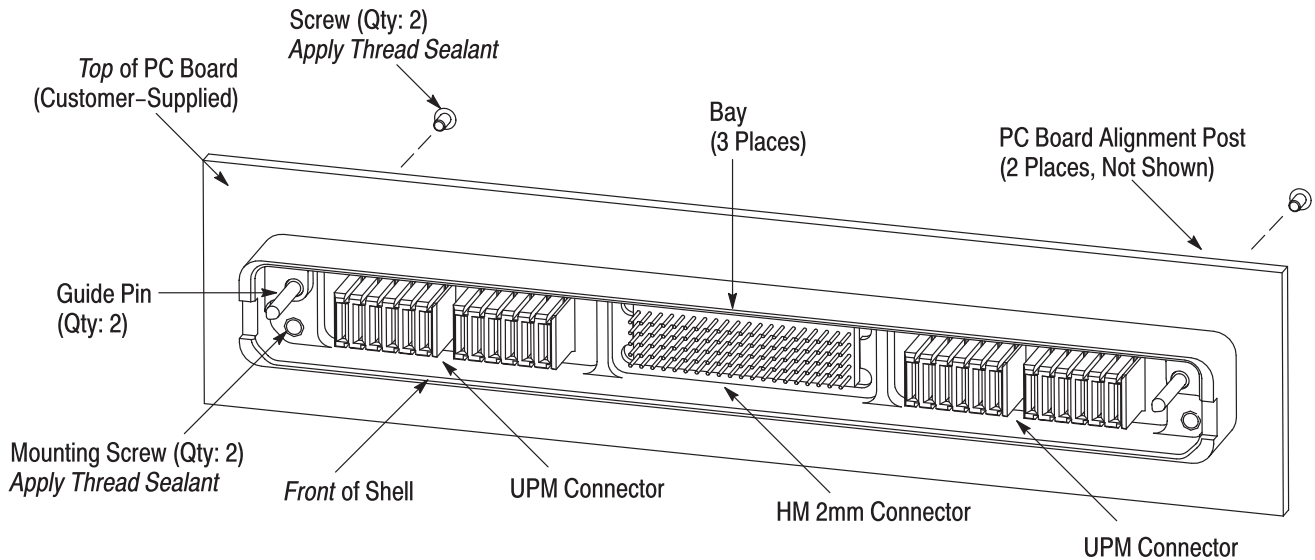


Figure 2