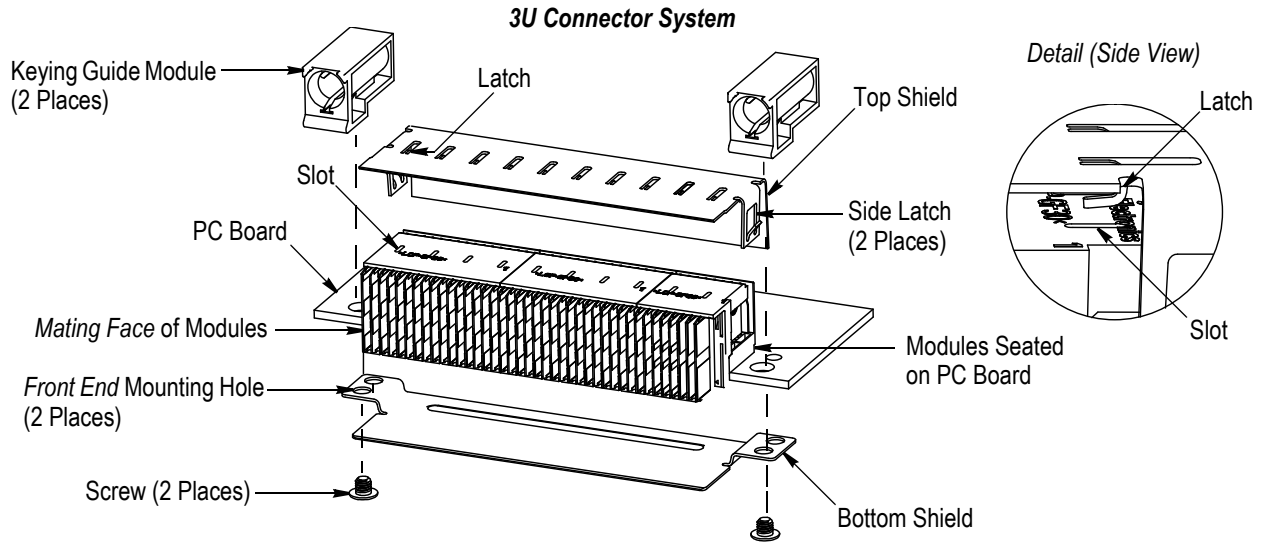


VPX (or VITA 46) Compliant. VPX is Virtual Path Cross-Connect. VITA is the VME International Trade Association.



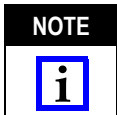
CONNECTOR SYSTEM SIZE	MULTIGIG RT RIGHT-ANGLE PLUG ASSEMBLY (Daughter Card Connector Modules)	SHIELD KIT	HARDWARE		
			END GUIDE	CENTER GUIDE	CENTER GUIDE SCREW
3U	2000875-1 and 2000877-1 or 2000878-1	2000874-2	1469492-[]	—	1410946-[]
6U		2000874-1		2000807-[] or 2000962-[]	1410946-[] ‡

‡ Use Screw -1 for top shield and for bottom shield, use Screw -1 if pc board thickness is less than 2.36 mm [.093 in.] and Screw -2 if pc board thickness is more than 2.36 mm [.093 in.].

Figure 1

1. INTRODUCTION

This instruction sheet covers installation of MULTIGIG Extreme standard 3U and 6U pc board connector systems. Component part numbers are given in Figure 1. For application requirements, refer to Application Specification 114-13056.



Dimensions in this instruction sheet are in metric units [with U.S. customary units in brackets]. Figures are not drawn to scale.

Reasons for reissue of this instruction sheet are provided in Section 5, REVISION SUMMARY.

2. DESCRIPTION

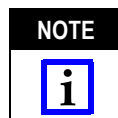
The connector system consists of an amount and mixture of stackable modules (the connector) that specifically meet customer requirements, shield kit (contains a top shield and bottom shield), and hardware (end guide, center guide, and screws).

3. INSTALLATION

Ensure that the pc board is prepared according to the customer drawing of the connector module, then proceed with following.

3.1. 3U Connector System (Refer to Figure 1)

1. Seat the modules onto the pc board using the tooling indicated in 114-13056. Make sure to seat the modules one at a time, one after the other; starting from the left or right screw hole (for the keying guide module) of the pc board.
2. Place the top shield onto the modules so that the latches align with the slots of the modules (see Detail in Figure 1). Ensure that the top shield is seated flat on the modules, then applying slight pressure, slide the top shield forward (toward the mating face of the modules) until the latches engage the slots.



It is normal to feel a slight resistance when sliding the top shield onto the modules before the latches engage.

3. Seat *one* of the keying guide modules (oriented in desired keying position) onto the pc board as described in 114-13056.
4. Place the bottom shield (with the installed modules and keying guide modules) onto the bottom of the pc board; aligning the mounting holes.

5. Install a screw through the *front end* mounting hole of the bottom shield, through the pc board hole, and into the mounting hole of the keying guide module. Tighten the screw to a maximum torque of 0.51 Nm [4.5 in.-lbs].

6. Seat the remaining keying guide module (oriented in desired keying position) onto the pc board, and install the remaining screw as described in Step 5.

3.2. 6U Connector System (Refer to Figure 2)

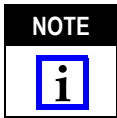
1. Seat the modules onto the pc board using the tooling indicated in 114-13056. Make sure to seat the modules one at a time, one after the other; starting from the left, the right, or the center screw hole (for the guide module) of the pc board.

2. Seat the center guide module onto the pc board.

3. Place the bottom shield (with the installed modules and center guide module) onto the bottom of the pc board; aligning the mounting holes.

4. Install a screw through the *front end* mounting hole of the bottom shield, through the pc board hole, and into the mounting hole of the center guide module. Tighten the screw to a maximum torque of 0.51 Nm [4.5 in.-lbs].

5. Place the top shield onto the modules so that the latches align with the slots of the modules (see Detail in Figure 1). Ensure that the top shield is seated flat on the modules, then applying slight pressure, slide the top shield forward (toward the *mating face* of the modules) until the latches engage the slots.



It is normal to feel a slight resistance when sliding the top shield onto the modules before the latches engage.

6. Install a screw through the hole in the center of the top shield and into the center guide module. Tighten the screw to the same torque.

7. Seat *one* of the keying guide modules (oriented in desired keying position) onto the pc board, and install a screw through the *front end* mounting hole of the bottom shield, through the pc board hole, and into the mounting hole of the keying guide module. Tighten the screw to the same torque.

8. Seat the remaining keying guide module (oriented in desired keying position) onto the pc board, and install the remaining screw as described in Step 6.

3.3. Inspection

Ensure that all hardware is fully secured. Ensure that each side latch of the top shield is contained under the ledge of its corresponding keying guide module.

4. REPLACEMENT AND REPAIR

Components are not repairable. DO NOT use any damaged components.

5. REVISION SUMMARY

Revisions to this instruction sheet include:

- Changed company name and logo
- Removed key hardware kits from and added guide hardware to Figure 1

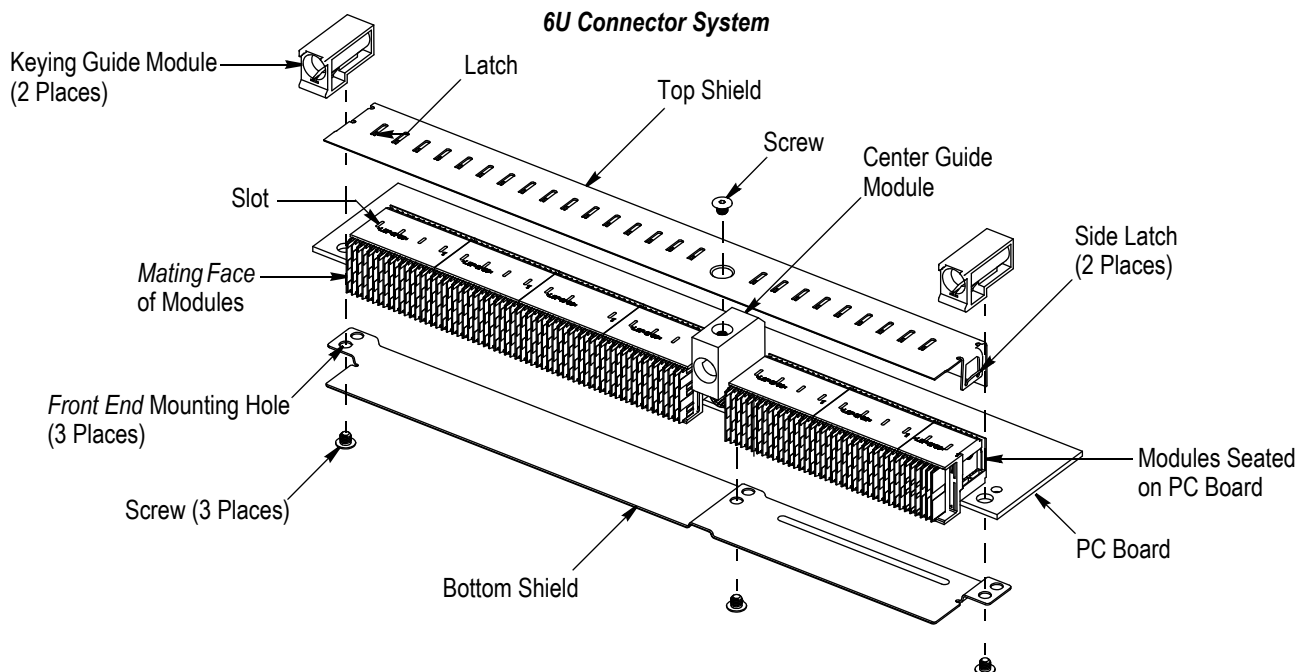


Figure 2