HDM and VHDM* Mixed Layout

Combining HDM and VHDM on daughtercard and backplane layouts provides these advantages:

- Optimizes the performance to connector cost ratio.
- Provides optimal power management and system control.
HDM and VHDM* Combined Layout Reference Dimensions

**HDM 6-Row and VHDM 6-Row**

- **Row A**
  - **HDM**: MAX 1.70mm
  - **VHDM**: MAX 1.70mm

**Daughter Card Placement**
(Tail Side Shown)

- **Row A (VHDM)**: 0.16mm Offset
- **Row A (HDM)**: 0.16mm Offset

**Backplane Placement**
(Component Side Shown)

- **Row A (VHDM)**: 1.95mm Offset
- **Row A (HDM)**: 1.95mm Offset

**Note:** For Backplane Header Placement, Align Row “A” Per These Drawings.

*HDM and VHDM are registered trademarks of Teradyne, Inc.*
HDM* Separable Interface Detail

HDM Signal Module Interface

Dual beam contacts with 50g nominal force each contact, with insertion force of 0.35N

HDM Power Module Interface

15.0A per blade and dual beam contacts with 50g nominal force per contact

* HDM is a registered trademark of Teradyne, Inc.