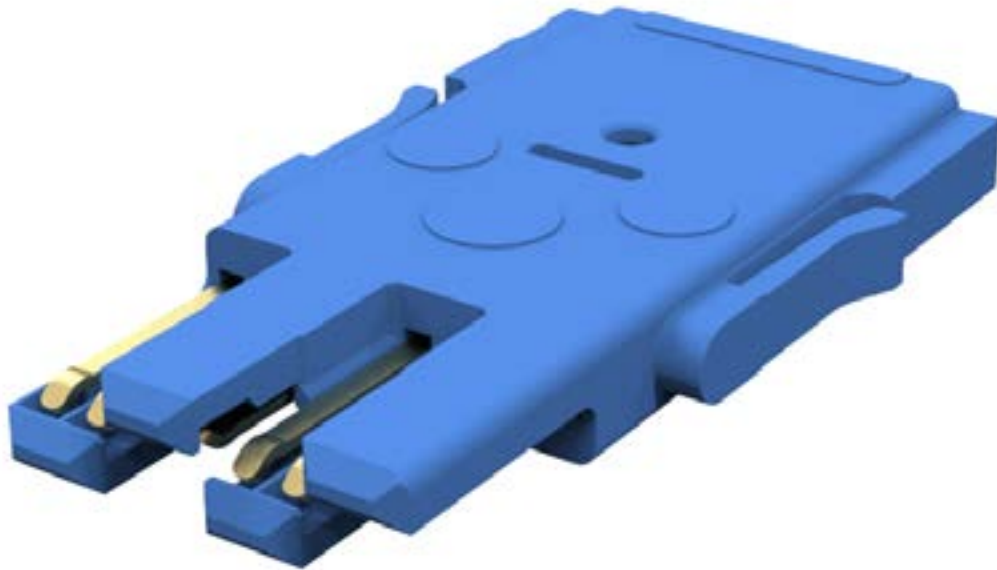


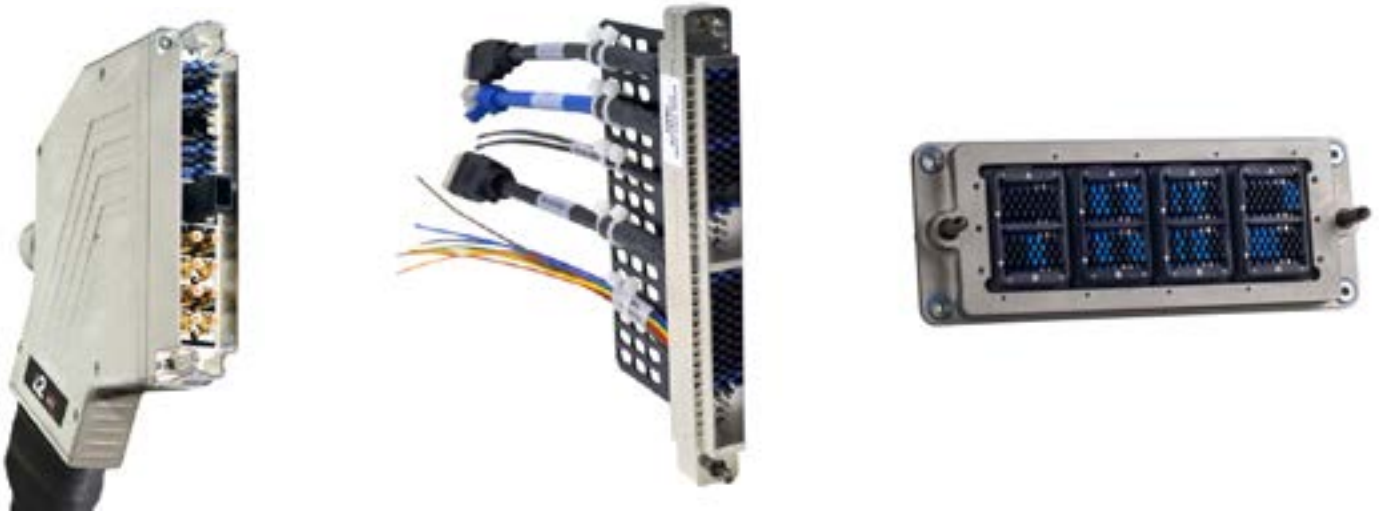
# VTAC HSD



## Features and Benefits

- Contacts work in iSeries, i2, and 90s Series connector modules
- Customize between 8-272 individual contacts
- 12.5+ Gbps per differential pair

- Tested and verified to 150,000 cycles without signal degradation
- Compatible with multiple HSD standards USB 5 Gbps (USB 3.0, USB 3.1 Gen 1, USB 3.2 Gen 1), SATA, eSATA, DisplayPort, HDMI, DVI, 12X Infiniband and more



VTAC HSD is part of the Snap-In-Modular (SIM) family. The SIM inserts use a proprietary polymer form factor which accept either VTAC HSD or QuadraPaddle patchcords. All SIM inserts can be used interchangeably within a single 90 Series SIM module, i2 MX connector, or iSeries module.

## Specifications

|  |  |
|--|--|
| <b>Data Rate</b>                           | 12.5+ Gpbs per differential pair                             |
| <b>Crosstalk</b>                           | -30 dB min   |
| <b>Characteristic Impedance</b>            | 100 +/- 10 ohms per differential pair                        |
| <b>Operating Voltage and Current</b>       | 3 amps maximum continuous (350V max)                         |
| <b>Contact Resistance</b>                  | 30 mOhms maximum per mated contact                           |
| <b>Insulation Resistance</b>               | 1000 MOhms minimum   |
| <b>Dielectric Withstanding Voltage</b>     | 1050 VDC rms minimum   |
| <b>Mating Force</b>                        | 16 oz maximum [454 g] per insert                             |
| <b>Insert Material</b>                     | Outer Shell – Blue or Black LCP<br>Male Contact – Alloy 7025 |
| <b>Contact Plating</b>                     | 50 $\mu$ " Au over 100 $\mu$ " Ni                            |
| <b>RoHS Directive 2011/65/EU Status</b>    | Compliant  |
| <b>REACH Article 33 Status</b>             | Compliant  |
| <b>ECHA Article 59 of Reach Regulation</b> | Compliant  |