

Direct Connect Cable System



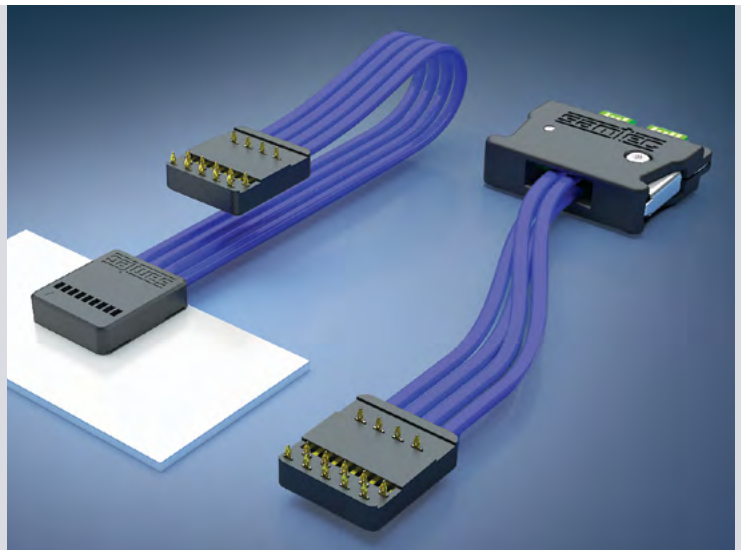
High Speed Press Fit Cable Assembly

Samtec's direct connect cable system is a cost effective solution for high speed board-to-board or flyover applications. The high retention press fit termination provides direct attach to the PCB eliminating the additional cost of board level connectors. This system supports and surpasses *PCIe® Gen 3 speed at 2 meters.

The 2,00 mm (.0787") pitch assembly (DCC Series) offers multiple End 2 options for increased design flexibility and is rated for performance up to 15 GHz at 7dB insertion loss (9 inches). Eye Speed® 32 AWG twinax cable with 100Ω differential pair signal routing is available in four or eight pairs; stitched grounds in development. In addition, this assembly features an ultra low 3 mm profile and four standard cable lengths to accommodate new and existing board designs.

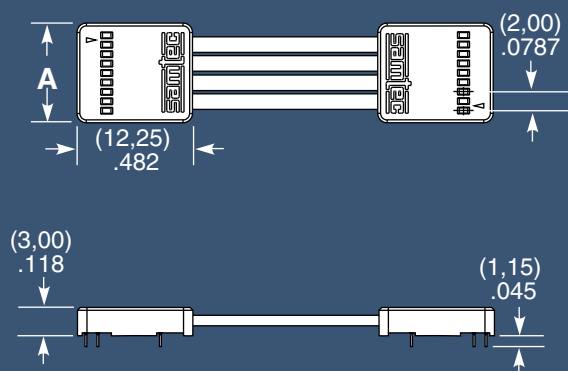
Features:

- No board mating connectors required
- High retention press fit termination directly to the PCB
- Multiple End 2 options: ECDP and other Samtec interconnects
- 32 AWG Eye Speed® twinax cable
- 2,00 mm (.0787") pitch
- 100Ω differential pair signal routing
- Performance up to 15 GHz
- Coplanar, right angle and parallel board-to-board applications
- Flyover applications simplify PCB design and limit signal degradation
- Extraction Tool



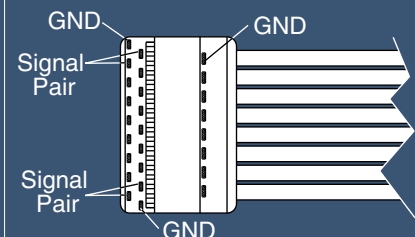
Assembly

Cable: DCC



| NO. OF PAIRS | A |
|--------------|--------------|
| -04 | (10,60) .417 |
| -08 | (18,60) .732 |

Sample Pin Mapping



*PCIe® is a registered trademark of PCI-SIG®.

For more High Speed Cable Solutions, please visit samtec.com/cable

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