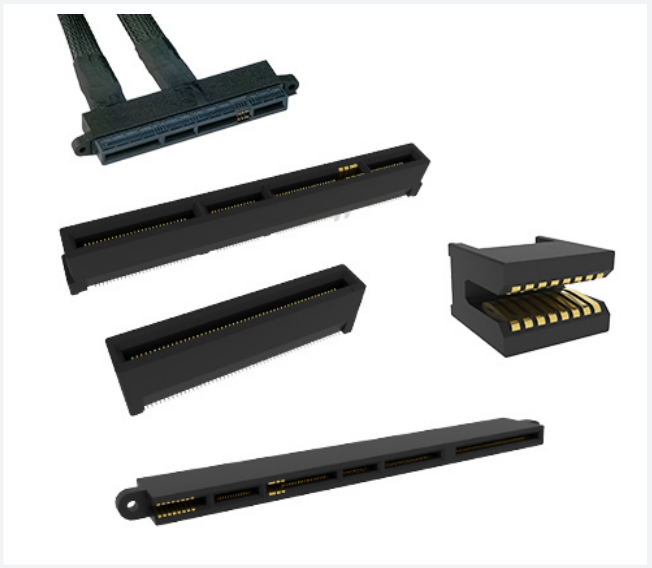
Hyper Cool Edge Connectors (SFF-TA-1037 PMM Connector)

MEETS SFF-TA-1037 SPECIFICATION

Amphenol's Hyper Cool Edge Connectors (SFF-TA-1037 PMM Connector) support the Pluggable Multi-purpose Module (SFF-TA-1034) with high-speed, sideband, and power.

- 0.6mm pitch connector with high-speed, sideband, and power
- Support xPU/CXL/NIC module for data center, server, storage, accelerator, AI, and machine learning applications
- Vertical, right angle, and straddle mount Board-to-Board connectors, including Panel Mount cable termination for Board-to-Cable applications are available
- High-Speed 32GT/s to 64GT/s PAM4, able to upgrade to 112GT/s PAM4
- 108 signal pins+ 156 signal pins with 2 power pin +2 power pins interface



TARGET MARKETS

FEATURES

- 4C+ EP receptacle supports X16 PCIe® lanes, sideband and 200W power
- 108-pin receptacle supporting an additional sixteen (16) Tx and Rx PCIe® lanes
- 2 pins power receptacle support up to an additional 400W
- Hot-pluggable connector
- Common clock with options for SRIS and SRNS support by both host and device

BENEFITS

- Supports different board-to-board/cable module applications like SSD, NIC, CXL
- Support XPU/CXL/Smart NIC application and power module
- Product portfolio meets standard BTB applications and BTC applications
- Support single-ended, high-speed diff pairs up to 64G PAM4. Upgradeable up to 112G PAM4

TECHNICAL INFORMATION

TARGET MARKETS/APPLICATIONS

XPU/CXL/NIC Module
Server & Storage
Accelerator
Artificial Intelligence (AI)
Machine Learning

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