



Electronics

## Serial Attached SCSI (SAS)

02/05 1773XXX

### DESCRIPTION

SAS is the newest generation of SCSI. The connector series will allow customers unprecedented flexibility in choosing the right class of storage device to meet their requirements. SAS is designed for PC's, mainstream servers and enterprise storage. It is the likely choice in environments requiring performance, scalability and reliability.

### APPLICATION

- Desktop / Desk side PC's
- Mainstream Servers
- Enterprise Storage Systems



### KEY FEATURES

- Point to point topology – Eliminate Hubs
- Supports dual porting capability, faster spindle speeds
- Transfer rate of up to 6 gigabit/sec
- Connectivity of 16k domain
- Flexibility – SAS devices and SATA devices are plug compatible  
SAS backplane accommodates both types of devices
- Allows for thinner cables – Better air flow through the chassis

### STANDARDS for SMALL FORM FACTOR (SFF) – T10 Technical Committee

- SFF – 8470 : External Plug and Receptacle (4x)
- SFF – 8482 : Unshielded Dual Port Serial Attached Connector (29P)
- SFF – 8484 : Multilane Unshielded Serial Attached Connector (2x and 4x)

### FOR MORE INFORMATION

#### Technical Support Center

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Internet: [www.tycoelectronics.com](http://www.tycoelectronics.com)

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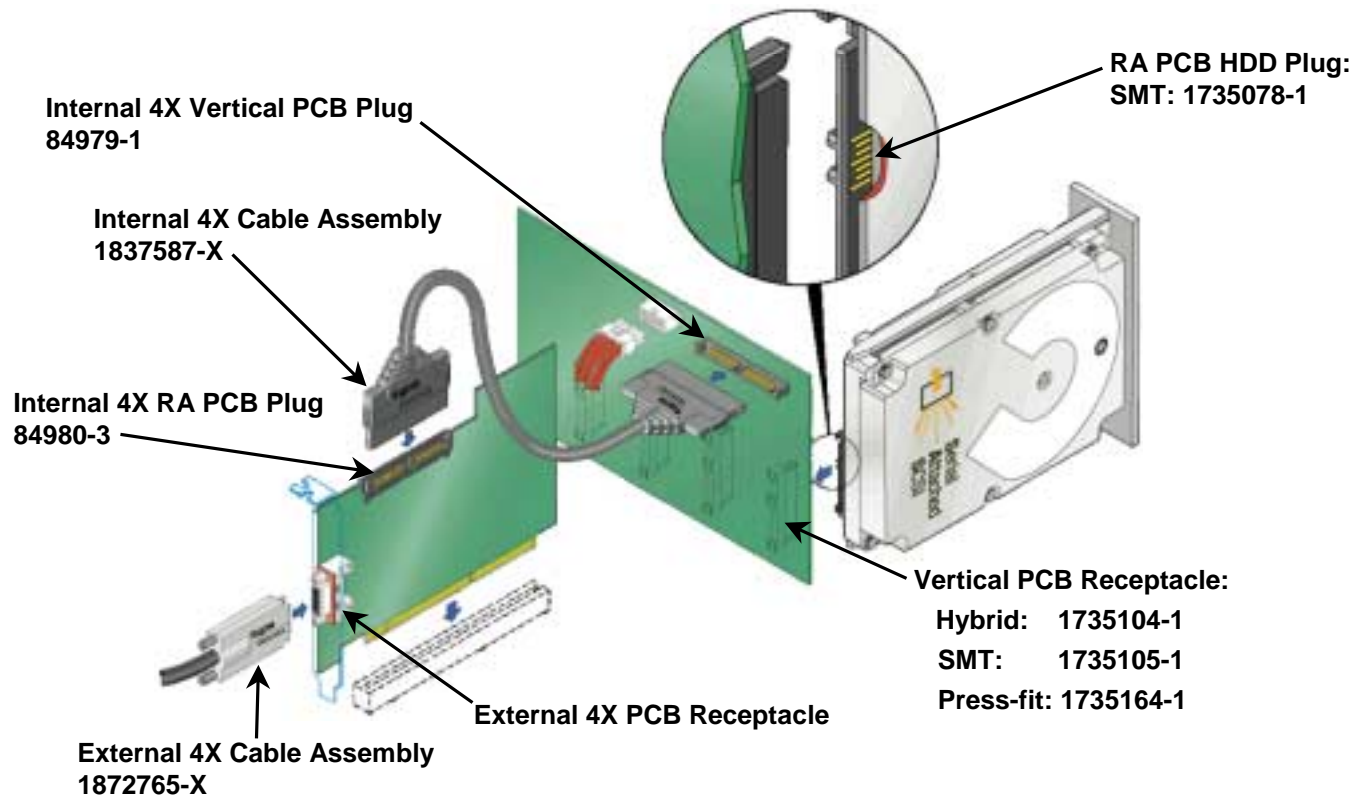
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New product

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## Internal Connectors

Part Number	Description
1735078-1	29 pos. R/A SMT Plug (for SAS Device)
1735104-1	29 pos. Vertical Hybrid Receptacle
1735105-1	29 pos. Vertical SMT Receptacle
84980-3, -4	32 pos. 4x R/A Through-Hole Plug
84979-1	32 pos. 4x Vertical Press-Fit Plug
1735164-1	29 pos. Vertical Press-Fit Receptacle
1735174-1	29 pos. R/A SMT Receptacle
1735113-1	19 pos. 2x Vertical Through-Hole Plug
1755115-1	19 pos. 2x R/A Through-Hole Plug

## Cables

Part Number	Description
1837587-x series	Internal 4x Cable Assemblies
1872765-X series	External 4x Cable Assemblies