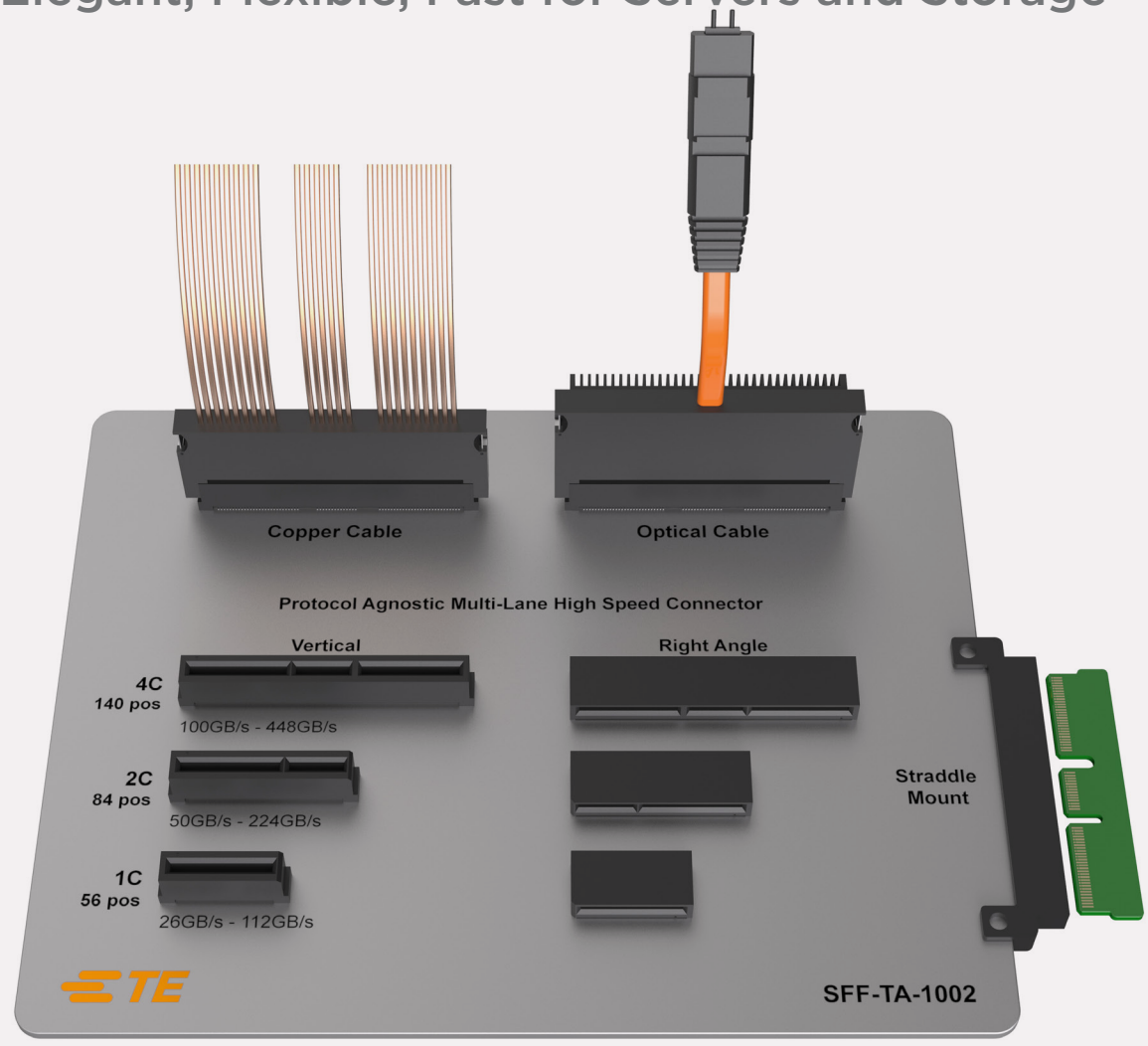
TE CONNECTIVITY'S SLIVER 2.0 CONNECTOR CHOSEN AS NEW STORAGE STANDARD

SFF-TA-1002 CONNECTOR

Elegant, Flexible, Fast for Servers and Storage



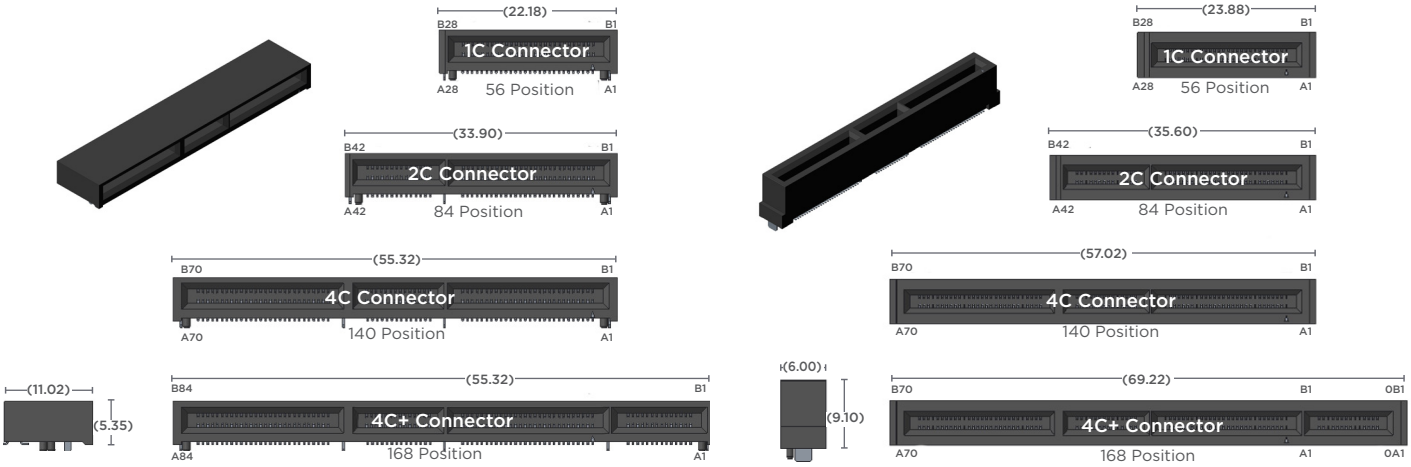
SLIVER 2.0 CONNECTOR FEATURES

- High density, hot pluggable, high performance and cost effective
- Protocol-agnostic multi-lane high speed connector
- Chosen as the next industry standard flash storage connector
- Proposed alternative or replacement to many form-factors including M.2, U.2, and PCIe
- Options available to connect to PCB card edge, cable or optics

te.com/sliver

SFF-TA-1002 SPECIFICATIONS

- Sliver connector chosen for performance, density, flexibility, and robustness
- Rated up to 56G PAM-4 (112G)
- Meets all current protocol performance requirements for PCIe Gen3/4 (8G & 16G), SAS-3/4 (6G, 12G, & 24G), Ethernet protocols (10G & 25G per lane), Infiniband (28G), and expected to meet performance for IEEE & OIF 56 Gbps, PCIE Gen5, and SAS5
- Sizing options include 1C (x4), 2C (x8), and 4C/4C+ (16) in both right angle, and vertical sizes. All module cards can plug into any alternate configuration by design. Non-standard variants are also available in X32 and X16 + high power
- Click on each standard below for more information on how one connector family can be used for many server, storage, network, and other data communication connectivity needs



REFERENCE APPLICATIONS

EDSFF / Intel Ruler

Reference Applications:

- Enterprise Storage & JBOF
- Supports SFF-TA-1006, 1007, 1008, 1009

TE Part Numbers (V & R):

X4	1C V	2327679-1
	1C RA	2327672-1
X8	2C V	2327678-1
	2C RA	2327671-1
X16	4C V	2327677-1
	4C RA	2327670-1

Orthogonal:

1C	1x1	2339207-1
1C	1x4	2337513-1
2C	1x1	2339208-1
2C	1x4	2337516-1

OCP NIC 3.0

Reference Applications:

- OCP pluggable NIC form factor
- X16 4C+: supports x8 and x16 large and small form factor NICs
- X16 4C: additional connector to support x24 and x32 large NICs

	RA	2336568-1
X16	Vertical	2327677-1
4C+	Straddle-Mount	2328694-1
	Mezzanine	TBD
	RA	2327670-1
X16	Vertical	2333799-1
4C	Straddle-Mount	2324490-1
	Mezzanine	TBD

GEN-Z

Reference Applications:

- PCIe riser card
- Storage and memory
- Hardware accelerators

TE Part Numbers:

8dp	IC V	2327679-1
	IC RA	2327672-1
16dp	2C V	2327678-1
	2C RA	2327671-1
32dp	4C V	2327677-1
	4C RA	2327670-1

OPEN COMPUTE PROJECT

Reference Applications:

- GP-GPU
- Flash Storage Carrier

TE Part Numbers:

X8	2C V	2327678-1
	2C RA	2327671-1
X16	4C V	2327677-1
	4C RA	2327670-1

Ultimate flexibility in applications, data rates and protocols