Frequently Asked Questions

Have you considered using M.2 in applications where you currently use PCI express Mini Card connectors?

M.2 was designed to meet both the current and future market needs. M.2 saves approximately 20% of PCB real estate, reduces connector height by 15%, and supports enhanced data rates compared to PCIe Mini Card connectors.

What standards and data rates are required by your application?

M.2 can support next generation data rates which include PCIe 3.0, SATA 3.0 and USB 3.0. As the market moves towards enhanced data rates, TE Connectivity is leading the market to take advantage of enhanced data rates.

What functionality will your module card provide and how do I know which key is required by my application?

TE's M.2 connectors are designed to support all 12 keys from A to M. Choosing the appropriate key depends on the module card that you will be using. It is important to note that there are no dual key M.2 connectors but TE's M.2 connectors can support dual key modules.

Is the module / add-in card either single or double-sided?

M.2 connectors support both single and double-sided module cards. However, if your application requires double-sided module / mobile add-in cards, the 3.2H, 4.2H and Midplane products can support this need.

What are the height constraints in your application?

If your application has a height constraint, TE understands your challenges. In order to support the growing need for slimmer solutions, TE provides a very low profile, 2.25mm height top mount SMT connector, as well as an offset Midplane connector that measures 1.85mm from the PCB to the top of the connector.

Miniature in size.
Big in possibilities.