

Series 6411 for PCI Express® M.2 Connector



Datasheet Link

<http://www.kyocera-connector.com/en/wp-content/uploads/2015/12/6411.pdf>

Or visit: www.avx.com

Scan Code for Web Page



Or visit: www.avx.com

Basic Overview

The 6411 series connectors are compatible with the PCI-SIG, PCI Express® M.2 specifications. Conventionally, different modules and connectors have been required to enhance functions of Wi-Fi, Bluetooth®, SSD, GPS and many others. The 6411 meets the requirements outlined by PCI-SIG to meet the growing universal need for faster information transmission. The PCI Express® M.2 specification supports multiple modules utilizing the same slot designed for each key. It corresponds to high-speed transmission such as PCIe (Gen.3), USB 3.0, SATA 3.0 and contributes to thinner and lighter notebook PCs and mobile PCs such as Ultrabook and tablet PCs. The 6411 series are available in various heights and with different keying options for module cards.

Positioning

For use in applications requiring stable high-speed data transfer between modules under the PCIe M.2 specifications laid out by PCI-SIG.

Applications

- Wi-Fi
- Near Field Communication
- Bluetooth
- WiGig
- Tablet/Notebook PCs
- Global Navigation Satellite Systems
- Solid State Drives

Top Selling Points

- 8 Gbps data transfer rate
- 12 Keying Options: A-H, J-M
- RoHS Compliant and Halogen Free

Unique Features

- “Midplane” option that inserts connector into a cut away portion of the PCB, reducing height
- Double-sided option for cards that have components on both sides
- Variable heights offered

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How to Order

Connector Type	Prefix	Series	Number of Positions	Variation Code	Plating Code	Keying Code	Packing Quantity
M 1.8 Midplane	24	6411	067	000	883	A, B, C, D, E, F, G, H, J, K, L, M	1000/reel
H 2.3 Single Sided	24	6411	067	101	894	A, B, C, D, E, F, G, H, J, K, L, M	1000/reel
H 3.2 Double Sided	24	6411	067	401	894	A, B, C, D, E, F, G, H, J, K, L, M	800/reel

EX. 24 6411 067 101 894B = H 2.3 Single Sided Card Edge Connector Type B Keying

Series Cross

AVX Series	Competitor	Competitor Series
6411	JAЕ	SM3
	Tyco	1-2199119-0

FAQs

Q: What does Double-Sided mean for the H 3.2 version?

A: Provides space to insert a card that may have components on both sides, as opposed to cards that typically have components on just the top of the PCB.

Q: What makes this Card Edge Connector different from others?

A: Competitors will supply very similar models because of the strict requirements laid out by PCI-SIG, but AVX has the only Card Edge that met the 8 Gbps transfer rate criteria.

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