

USB 3.2 TYPE-A GEN 2 VERTICAL RECEPTACLES

USB 3.2 Type-A Gen 2 vertical mount receptacles from TE Connectivity (TE) are the fastest USB Type-A connectors available in the marketplace at 10Gbps. Providing the faster data speeds required in All-In-One (AIO) devices, Internet of Things (IoT) devices, and high-performance storage devices, these connectors are suitable for consumer devices that require high data transfer speed in a compact form factor.

PRODUCT FACTS

- Data transmission: 10Gbps
- Durability: 5,000 cycles
- Housing PA9T / UL 94V-0 rated
- Shell: Stainless steel / nickel finish
- Contacts: Copper alloy / gold plated
- Insertion force: 35N (3.57 kg) maximum
- Extraction force: Initial: 10N (1.02kg) minimum
- Temperature range:
  - Storage: +10°C to +30°C
  - Operating: -55°C to +105°C

KEY BENEFITS

- Hot pluggable, permitting attaching or detaching peripherals without powering down or rebooting
- Backward compatible with previous generations of USB Type-A connectors
- SuperSpeed USB 10Gbps
- Superior power management of mass storage devices

APPLICATION NOTE

- USB 3.2 Gen 2 is a USB forum rebranding of USB 3.1 Gen 2 and USB 3.1

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- Landing Page

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PART NUMBERS

Part Number	Orientation	Board Mount	Shield Type	Housing Color	No. of Position	Contact Plating (Au)	No. of Ports
2439034-1	Vertical	Through hole	Board lock	Black	9	Gold flash	1
2439034-2	Vertical	Through hole	Board lock	Black	9	15 um	1
2439034-3	Vertical	Through hole	Board lock	Black	9	30 um	1
2438987-1	Vertical	Through hole	Straight leg solder	Black	9	Gold flash	1
2438987-2	Vertical	Through hole	Straight leg solder	Black	9	15 um	1
2438987-3	Vertical	Through hole	Straight leg solder	Black	9	30 um	1

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09/23

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