

ADAME TECH



HIGH SPEED USB4™
CONNECTORS & CABLES



Adam Tech's line of USB4 connectors and cables boast speeds up to 40Gbps, making them the fastest USB products in the industry. These parts are backwards compatible with the speeds of USB 3.2 and 2.0 Type-C. Other features include two-lane operation with existing USB Type-C cables, multiple data and display protocols, and the ability to simultaneously transfer both audio and video over the same connection.

FEATURES AND BENEFITS:

- Speeds up to 40Gbps
- Backwards compatibility with USB 3.2 and USB 2.0 Type-C
- Reversible USB Type -C
- Mating connectors and cables
- Right angle mount orientation connectors
- Through hole or surface mount connectors
- Double-ended USB Type-C plug cables
- USB-IF certified
- UL certified
- RoHS compliant

SPECIFICATIONS:

Material:

Insulator: Hi-temp thermoplastic, rated UL 94V-0
 Insulator color: Black
 Contacts: Copper alloy
 Shell: Stainless steel, nickel or gold flash plated

Plating:

Contact area: 30u" gold over nickel underplate
 Solder tails: Gold flash or matte tin over nickel underplate

Electrical:

Operating voltage range: 5 to 20V
 Current rating range: 3 to 7 Amp
 Contact resistance range: 30 to 40 mohms initial
 Insulation resistance: 100 Mohms min
 Dielectric withstanding voltage: 100 VAC for 1 minute

Mechanical:

Mating cycles: 10,000 insertions

Temperature Rating:

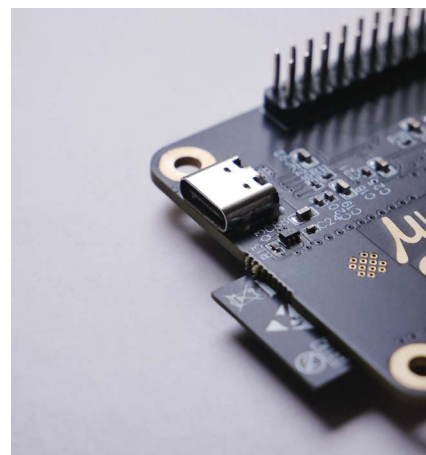
Operating temperature range: -55°C to +105°C

APPROVALS AND CERTIFICATIONS:

USB-IF
 UL Recognized File no. E224053

APPLICATIONS:

- Device power charging
- Device data transfer
- Device video and audio transmission
- Multi-media systems
- Computers and peripherals
- Consumer electronics



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