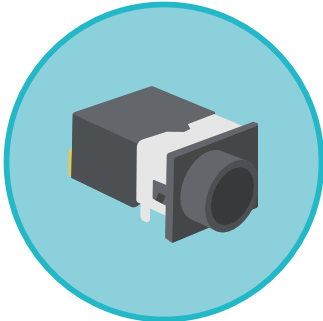


Interconnect

Connectors & Cable Assemblies

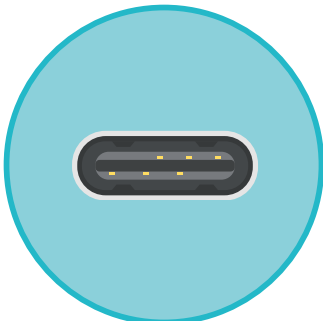
Technological advances are allowing individuals across the globe to connect like never before. Comprised of audio, circular, dc power, DIN, HDMI, memory card, modular, PCB pins, pogo pins, RCA, USB, and terminal block connectors as well as USB cables, circular cables, and ac power cords, our interconnect line aims to reduce the burden on the design engineer through support tools such as an advanced product search, CAD model library, and RoHS documentation. With reliable and proven solutions across a range of market segments, our interconnect products are allowing the world to connect in new ways.

Featured Tech ○○○○



Waterproof Interconnect Solutions

Designed to protect against moisture and other environmental contaminants, CUI Devices offers a range of audio, circular, dc power, and USB connectors with Ingress Protection (IP) ratings of IP67 or IP68. With a variety of configurations, our waterproof connector products give engineers additional flexibility when designing for industrial, outdoor, or any application where environmental factors may be a concern.



Power-Only USB Type C Connectors

By removing the data transfer pins, CUI Devices' power-only USB Type C connectors are a more cost-effective solution for designs where charging or power is the sole function. These USB Type C receptacles are available in horizontal or vertical orientations with 3 A current ratings and 20 V voltage ratings for up to 60 W of power delivery. As USB-C starts to become the global standard for charging around the globe, CUI Devices' power-only USB Type C connectors are an intriguing solution for engineers due to their lower cost and simplified design integration.

Engineering Tools



Resource Library

Gain access to a wide range of videos, blogs, ebooks, webinars, and more to assist in your next design.



CAD Model Library

Save time and resources by utilizing our library of free, ready-made 3D models and PCB footprints to help you to streamline the design process.



Connector Mating Tool

Our connector mating tool makes it simple for users to find compatible jacks, plugs, and receptacles with pre-filtered suggestions offered on each individual product page.

Global Stock Availability

Our network of global distribution partners provides you with quick and easy access to thousands of our interconnect products, ready to ship same day across the globe.



Interconnect Product Line



Audio

2.5, 3.5 & 6.35 mm Standards

- Jack, plug, receptacle & inline adapters
- Shielding & internal switch options
- Multiple color insulator options
- Waterproof models up to IP67



Circular & DIN

3 to 13 Contacts

- M8, M12, mini & standard circular formats
- Jack & plug connector types
- Vertical & horizontal orientations
- Waterproof models up to IP67



HDMI

HDMI 2.0 Standard

- Type A receptacles
- SMT, mid mount SMT, or through hole mounting styles
- Reliability as high as 10,000 mating cycles
- -40 up to 100°C operating temperatures



RCA

1 - 6 Ports

- Jack & plug connector types
- Numerous mounting styles
- Vertical & horizontal orientations
- Black, blue, green, orange, red, white & yellow color insulator options



Dc Power

1 to 13 A Current Ratings

- Jack, plug, power DIN & receptacle types
- Shielding & internal switch options
- 0.6 to 5.5 mm center pin diameters
- Waterproof models up to IP67



Modular

RJ10, 11, 12, 13 & 45 Types

- 4P4C, 6P2C, 6P4C, 6P6C, 8P8C & 8P10C position and contact options
- Single port, 1x2, 2x4, 2x6 & 2x8 ports
- RJ45s offer integrated magnetics, PoE, LEDs & 10/100 or 10/100/1000 speeds



Memory Card

SD, SIM & Smart Card

- SD, microSD, SIM, micro-SIM, nano-SIM & smart card connector types
- Push in/pull out, push in/auto eject out & hinged insertion styles
- Ultra-compact profiles as low as 0.7 mm



PCB Pins

Press Fit

- Single end or single end slotted
- Gold plated contacts
- Variety of length and pin size configurations
- 1.2 to 2.4 mm mounting hole diameters



USB

USB 2.0 to USB4 & Power-Only

- Plug & receptacle connector types
- A, B, Micro AB, Micro B, Mini AB, Mini B & C
- Reliability as high as 10,000 mating cycles
- Waterproof models up to IP68



Terminal Blocks

Up to 24 Pole Options

- Screw, pluggable, screwless & DIN rail types
- 2.54 to 10 mm pitches
- Multiple color options
- High temperature models up to 130°C



Cable Assemblies

Ac Power, Circular & USB Cables

- USB Type A, Type B, Micro B, Mini B & Type C plugs & receptacles
- M8 and M12 circular plugs
- Multiple country-specific power cords
- Multiple cable lengths & color options



Pogo Pins

Gold Plated Contacts

- SMT, wire mount, and through hole mounting
- Reliability as high as 10,000 mating cycles
- 2.5 to 14.9 mm working heights
- Variety of pad layouts and stroke configurations