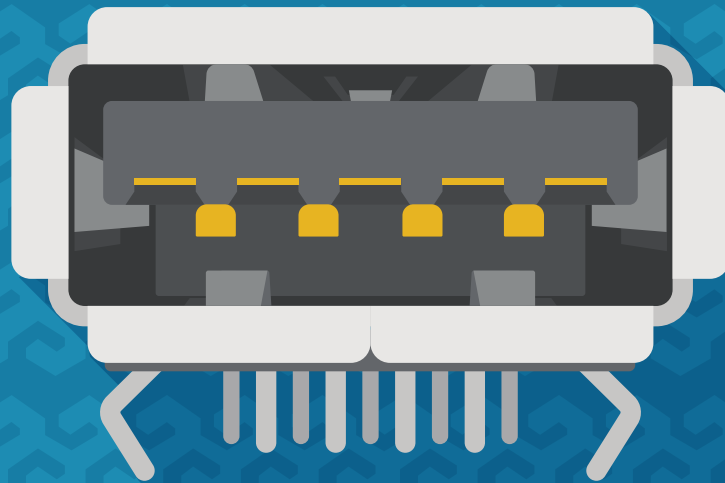


# ***Interconnect***

*Audio, Power & Signal Connectors*



# QUALITY CONNECTIONS, SIMPLIFIED

Accelerating technological advances are allowing individuals across the globe to connect like never before. Comprised of audio, dc power, USB, DIN, and RCA connectors, our interconnect line aims to reduce the burden on the design engineer through easy access to support tools such as an advanced product search, detailed 3D models, and complete 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.

## ENGINEERING TOOLS



### Parametric Search

With hundreds of audio, dc power, USB, DIN, and RCA connectors to choose from, utilize our online parametric search tool to quickly find and compare models based on your key specifications.



### 3D Models

CUI's library of ready-made 3D models helps to streamline the design process, saving you precious time and resources. Users are able to view and download 3D models in all major mechanical CAD formats free of charge.



### Connector Mating Tool

Available for all CUI interconnect products, our connector mating tool makes it quick and easy for users to find compatible jacks and plugs 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 interconnect products, ready to ship same day across the globe. This strong distribution presence provides our customers with peace of mind knowing that their project will be supported from prototype all the way to production by in-stock inventory and world-class supply chain programs.



# INTERCONNECT PRODUCT LINE



## Audio

### 2.5 & 3.5 mm Standards

- Jack & plug connector types
- Cable, mid mount SMT, SMT, through hole & panel mounting styles
- Vertical & horizontal orientations
- Available with or without shielding
- 0 ~ 3, SPDT & DPDT internal switch options
- Black, blue, green & pink color insulator options
- 2 ~ 6 conductors
- Heights as low as 3 mm
- Widths as small as 5 mm



## Dc Power

### 1 ~ 10 A Current Ratings

- Jack, plug & power DIN types
- Numerous mounting styles
- Vertical & horizontal orientations
- Shielding & internal switch options
- 12, 16, 18, 20, 24 Vdc voltage ratings
- 1 ~ 4 conductors
- Heights as low as 3 mm
- Widths as small as 5 mm
- 0.5 ~ 3 mm center pin diameters



## USB

### 2.0, 3.0 & 3.1 Standards

- Jack & plug connector types
- Cable, mid mount SMT, SMT & through hole mounting styles
- Vertical & horizontal orientations
- Black, blue & white color insulator options
- A, B, Micro AB, Micro B, Mini AB, Mini B & C USB types
- 3, 6, 15, 30  $\mu$ m plating thickness
- Operating temperature ranges up to -25 ~ 85°C
- Reliability as high as 10,000 mating cycles



## DIN

### 3 ~ 13 Contacts

- Jack & plug connector types
- Cable, panel mount, surface mount & through hole mounting styles
- Vertical & horizontal orientations
- Available with or without shielding
- 100 Vac voltage rating
- Mini & standard circular formats
- 0.3, 1 & 2 A current ratings



## RCA

### 1 ~ 6 Ports

- Jack & plug connector types
- Cable, panel mount, surface mount & through hole mounting styles
- Vertical & horizontal orientations
- Available with or without shielding
- Black, blue, green, orange, red, white & yellow color insulator options



## Quality Matters

*As an ISO 9001:2008 company, we start with an extensive product qualification process for all of our interconnect products that we release to the market, supported by a robust manufacturing management program. Our interconnect products are also developed using superior quality materials ensuring a highly reliable solution for your design. Additionally, we offer in-house failure analysis as well as on the ground quality engineering support in Asia.*



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