

# USB TYPE-C CONNECTOR

## Mid-Mount Hybrid Receptacle

### One Connector Solution for Data, Power and A/V

- Deliver data up to 10 Gbps, power up to 100W (at 20V) and audio/video (A/V) through a single connector
- Easily backwards compatible to other USB connectors using a converter cable or adapter

### Easy, Reliable Mating

- Features a reversible mating interface so the plug can be mated correctly the first time, every time

### High Speed Data Transfer

- Supports USB 2.0 (480 Mbps), USB 3.1 Gen 1 (5 Gbps) and USB 3.1 Gen 2 (10 Gbps)

### Industry Leading EMI Performance

- TE Connectivity (TE) provides distinctive EMI design on the back of the receptacle shell to help eliminate unwanted EMI leakage and provide enhanced performance over similar legacy products

### Ruggedized Design

- TE offers additional board retention features to provide enhanced performance in harsh environments

# USB Type-C Connector

## Mid-Mount Hybrid Receptacle

### USB Type-C connector is the next-generation solution for current and future USB applications.

This connector is designed to an industry standard that provides a slim profile small enough for handheld devices yet robust enough for industrial applications. Featuring a reversible mating interface, the receptacle is designed to accept a plug in any direction, enabling easy, reliable mating. This connector supports a variety of different protocols, and with the use of adapters it is backwards compatible to HDMI, VGA, DisplayPort and other types of connections from the single USB Type-C port.

### Applications

- Factory automation
- Industrial machinery
- Data centers
- Medical devices
- A/V digital switches
- Power packs and chargers
- Automotive infotainment
- Business equipment
- Lighting
- Tablets
- PCs and laptops
- Wearables
- Smart phones



### Part Number Information

Description	TE Part Number
USB3.1 TYPE-C REC MID-MOUNT 0.485 HYBRID	2129691-1

### [te.com/products/USBTypeC](http://te.com/products/USBTypeC)

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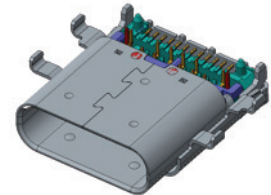
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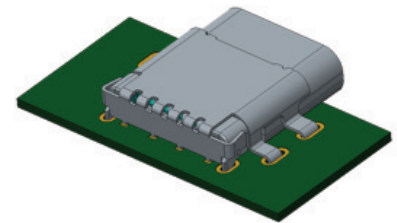
1-1773868-8 10/15 DND



Top of Receptacle



Bottom of Receptacle



Back of Receptacle

### Materials

- Contact: Copper alloy
- Housing: Thermo plastic, UL 94 V-0
- Shell: stainless steel

### Ratings

- Voltage rating: 30V max.
- Current rating:
  - VBUS pins: 5A max, GND pins: 6.25A
  - VCONN pins: 1.25A max.
  - Signal pins contact: 0.25A min.
- Temperature rating: -30°C to 85°C

### Specifications

- Product spec: 108-99061