

USB Type-C Connectors

Benefits

- Distinctive design on the back of the receptacle shell for industry leading EMI performance
- Enhanced board retention features for added durability
- IPX8 waterproof and IPX4 splash proof options available
- Available in one of the smallest dual row surface mount (SMT) footprints, saving valuable board real-estate.
- Provide one interconnect solution for data, power, and A/V
- Designed with a flippable and reversible mating interface
- Supports USB 2.0, USB 3.1 Gen 1 and USB 3.1 Gen 2
- Deliver power up to 100W at 20V
- Backward compatible to other USB connectors using converter cables or adaptors

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
USB Type-C Receptacle On Board Dual Row SMT, IPX8	2305018-2
USB Type-C Receptacle Mid-Mount 0.485 Hybrid	2129691-1
USB Type-C Receptacle Offset 0.65mm Dual Row SMT, Splash Proof	2295018-2
USB Type-C Receptacle Offset 0.65mm Dual Row SMT	1-2295018-2

te.com/products/USBTypeC

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New Waterproof Dual Row SMT Receptacle



Mid-Mount Hybrid Receptacle



Splash Proof Dual Row SMT 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 specs: 108-99061, 108-115109-2