



USB TYPE-C CONNECTORS

TE Connectivity (TE's) USB Type-C connectors adhere to industry standards, delivering a sleek, slim form factor for handheld devices while maintaining robust durability for industrial applications. With multi-protocol support and broad backward compatibility, a single USB Type-C port enables data transfer, rapid charging, and high-definition A/V output (HDMI/VGA/DisplayPort), providing a truly unified connectivity experience.

TARGET APPLICATIONS

Charge-Only Version

- Keyboards
- Wireless earbuds & accessories
- Power banks & charging docks
- Hubs and Adapters
- Portable medical devices

Low speed signal version

- Smartphones & tablets
- Printers & scanners
- IoT devices & sensors
- Basic industrial control systems

High speed signal version

- Laptops & ultrabooks
- External SSDs & NVMe drives
- 4K/8K monitors & docking stations
- VR/AR headsets & gaming consoles
- High-performance industrial automation

KEY BENEFITS AND FEATURES

Comprehensive Portfolios & Flexible Integration

- Multiple configurations (6-pin, 16-pin, and 24-pin options) with standard USB Type-C interface to meet the diverse needs
- Single-cable solution for data, power, and A/V transmission
- Flexible mounting: top, mid, vertical, and flag mount

Seamless Upgrades & Universal Compatibility

- Upgrade to full-featured USB Type-C receptacles with no board redesign required
- Backward compatible with USB 4.0, USB 3.0, USB 3.1 Gen 2, and USB 2.0 via adapters

Rugged Reliability

- IPX7/IPX8 waterproof and IPX4 splash-proof variants available
- Superior EMI shielding with a uniquely designed receptacle shell

Competitive Price & Fast Delivery

- Leveraging global manufacturing expertise for cost efficiency and rapid turnaround

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USB TPYE C CONNECTORS

PART NUMBERS

Part Number	Part description	USB Version	Number of Positions	Circuit Application	Connector & Housing Type	Sealable	IP Rating
2495142-1	USB Type-C Plug 24P	3.1 Gen 2	24	Power & Signal	Plug	No	No
2495154-1	USB Type-C 6P WATERPROOF DIP+SMT	2.0	6	Power	Receptacle	Yes	IPX8
2495155-1	USB Type-C Receptacle 16P WATERPROOF DIP	2.0	16	Power & Signal	Receptacle	Yes	IPX8
2495157-1	USB Type-C Receptacle 6P WATERPROOF DIP	2.0	6	Power	Receptacle	Yes	No
2498754-1	USB Flag Type-C Receptacle 16P	2.0	16	Power & Signal	Receptacle	No	No
2495150-1	USB Type-C Plug 12P	2.0	12	Power & Signal	Plug	No	No
2495151-1	USB Type-C Plug 12P	2.0	12	Power & Signal	Plug	No	No
2495152-1	USB Type-C Plug 12P	2.0	12	Power & Signal	Plug	No	No
2495698-1	USB Type-C Plug SMT MIDDLE MOUNT RA	2.0	24	Power & Signal	Plug	No	No
2495699-1	USB Type-C Plug 24P SMT VERTICAL MOUNT	2.0	24	Power & Signal	Plug	No	No
2495700-1	USB Type-C Plug G 24 SMT VERTICAL MOUNT	2.0	24	Power & Signal	Plug	No	No
2495701-1	USB Type-C Plug 24P VERTICAL MOUNT	2.0	24	Power	Plug	No	No
2495702-1	USB Type-C Receptacle 6P WATERPROOF IPX7	2.0	6	Power	Receptacle	Yes	IPX7
2495703-1	USB Type-C Receptacle 6P WATERPROOF IPX7	2.0	6	Power & Signal	Receptacle	Yes	IPX7
2495704-1	USB Type-C Receptacle 16P IPX7	2.0	16	Power & Signal	Receptacle	Yes	IPX7
2495705-1	USB Type-C Receptacle FEMALE 16P IPX7	2.0	16	Power & Signal	Receptacle	Yes	IPX7
2495708-1	USB Type-C Receptacle 16P IPX7	2.0	16	Power & Signal	Receptacle	Yes	IPX7
2495709-1	USB Type-C Receptacle 24P IPX7	3.0	24	Power & Signal	Receptacle	Yes	IPX7
2495710-1	USB Type-C Receptacle 24P IPX8	3.0	24	Power & Signal	Receptacle	Yes	IPX8
2495711-1	USB Type-C Receptacle 24P IPX8	3.0	24	Power & Signal	Receptacle	Yes	IPX8
2495712-1	USB Type-C Receptacle 24P IPX7	3.0	24	Power & Signal	Receptacle	Yes	IPX7
2495137-1	USB Type-C Plug 4.0	4.0	6	Power	Receptacle	No	No
2479774-1	USB Type-C Charge-only, 6 Pin, Top, 1u GF	2.0	6	Power	Receptacle	No	No

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Part Number	Part description	USB Version	Number of Positions	Circuit Application	Connector & Housing Type	Sealable	IP Rating
2479774-2	USB Type-C Charge-only, 6 Pin, Top, 3u GF	2.0	6	Power	Receptacle	No	No
2480843-1	USB Type-C Charge-only, 6 Pin, Mid, 3u GF	2.0	6	Power	Receptacle	No	No
2480790-1	USB Type-C Charge-only, 6 Pin, Vertical, Long	2.0	6	Power	Receptacle	No	No
2480803-1	USB Type-C Charge-only, 6 Pin, Vertical, Short	2.0	6	Power	Receptacle	No	No
2480842-1	USB Type-C Charge-only, 6 Pin, Vert, Long, Lock	2.0	6	Power	Receptacle	No	No

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