

Features:

- Tailored for emerging product designs
- Similar size to USB 2.0 Micro-B
- Reversible plug orientation & cable direction
- Extended 5A current ranges plus USB power delivery
- Designed to establish future USB performance needs
- High speed up to 10 Gbps

Overview:

Amphenol's USB type-C connectors, designed for emerging product designs are fully compliant to the newest Type-C specifications. The usability for these low profile connectors is enhanced by offering reversible plug and cable directions. The connectors also support scalable power charging by extending the 5A current ranges plus USB power delivery.

Applications:

Mobile Devices

- MP3 & music players
- Mobile phones
- Tablets, PCs, notebooks
- Portable charging bases
- Memory storage

Automotive

- GPS systems/navigation
- Driver assistance systems
- Infotainment systems

Consumer

- Copiers, printers, scanners
- Digital cameras, video cameras
- Digital & DVD media players
- LCD & TV panels
- Set top boxes

Telecommunications

- Handsets
- ISDNs
- PBXs



To learn more about USB Type-C connectors:

Technical Characteristics:

Components	Materials
Contact	Copper Alloy
Shell	Stainless steel
Housing	High temperature polymer UL94V-0
Components	Plating
Contacts	Selective plating in contact area, solder tail matte tin over nickel; see drawing for more details
Shell	Nickel plating
Coplanarity	0.08 Max

Ordering Information:

Part Number

3D Model

12401610E4#2A

Right angle, Dual row, SMT type



12401548E4#2A

Right angle, Dual row, Hybrid type



12401598E4#2A

Right angle, Hybrid type



12401562E4#2A

Overmold plug



Part Number

3D Model

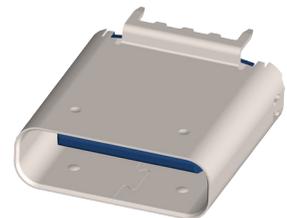
12401544E4#2A

Mid-mount, Dual row, SMT type



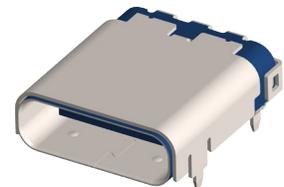
12401661XX#2A

Vertical, SMT type



12401722E4#2A

Right angle, Dual row, SMT type



12401698E4#2A

Mid-mount, Dual row, SMT type



*Please visit www.amphenolcanada.com to find drawings for other products in this series.

To learn more about USB Type-C connectors: