

## 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
<b>Coplanarity</b>	<b>0.08 Max</b>

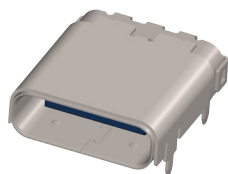
## Ordering Information:

### Part Number

### 3D Model

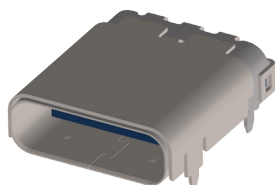
**12401610E4#2A**

*Right angle, Dual row, SMT type*



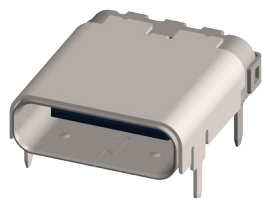
**12401548E4#2A**

*Right angle, Dual row, Hybrid type*



**12401598E4#2A**

*Right angle, Hybrid type*



**12401562E4#2A**

*Overmold plug*

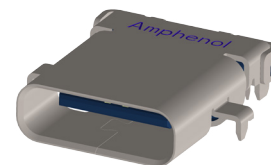


### Part Number

### 3D Model

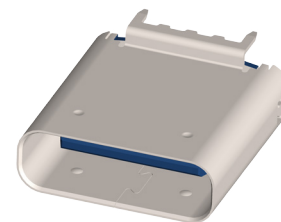
**12401544E4#2A**

*Mid-mount, Dual row, SMT type*



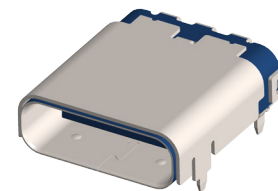
**12401661XX#2A**

*Vertical, SMT type*



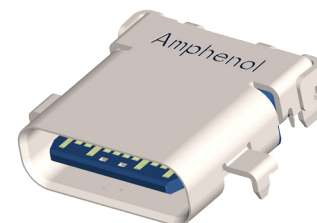
**12401722E4#2A**

*Right angle, Dual row, SMT type*



**12401698E4#2A**

*Mid-mount, Dual row, SMT type*



\*Please visit [www.amphenolcanada.com](http://www.amphenolcanada.com) to find drawings for other products in this series.

To learn more about USB Type-C connectors:

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