

USB Type-C Connectors



Stewart Connector's USB Type-C connectors are designed to meet the ever-growing demand for small, yet reliable I/O connectors that comply to Universal Serial Bus standards. Stewart Connector's USB Type-C jacks have a slim and robust design which offers PCB savings while enabling high-frequency mating. USB Type-C connectors allow for reversible mating interface, allowing for easy and reliable mating of the plug to jack in any plug direction.

Features & Benefits

- Configurations that reach USB 4.0, USB 3.2, and USB 3.1 available
- All configurations are backwards compatible with lower USB speeds
- Operating voltage of 20 V
- Packaged in tape and reel for pick and place operations
- Slim design helps maximize PCB real-estate

Applications

• IoT applications	• PC's & laptops
• Data centers	• Handheld devices & wearables
• Lighting	• Business equipment
• Tablets	• Smart phones

Part Number	Performance	Orientation	Ports	Shielding	PCB Thickness	
SS-52400-001	USB 3.2	Top Mount	1	Yes	-	-
SS-52400-002	USB 3.1	Horizontal	1	Yes	0.039 in	1.00 mm
SS-52400-003	USB 3.1	Horizontal	1	Yes	0.063 in	1.60 mm
SS-52400-005	USB 4.0	Horizontal	1	Yes	0.047 in	1.20 mm
SS-52400-006	USB 4.0	Vertical	1	Yes	-	-
SS-52400-008	USB 3.2	Flag	1	Yes	0.070 in	1.80 mm