

# 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. The USB Type-C connectors can achieve 10Gbps data rates and a current carrying capacity of 5.0A. 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

- Operating temperature of -40°C to 105°C
- Hybrid pin design with both through hole and SMT pins
- Supports USB 2.0 and USB 3.1
- Operating voltage of 20V
- Packaged in tape and reel for pick and place operations
- Slim design helps maximize PCB real-estate

## Applications

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

## Part Number Selection Guide

Part Number	Orientation	PCB Thickness	
		in	mm
SS-52400-002	Horizontal	0.039	1.00
SS-52400-003	Horizontal	0.063	1.60