IP67 USB Type-C Connector

Stewart Connector introduces the IP67 USB Type-C Connector. This IP67 rated USB Type-C connector supports USB 3.1 Gen 1 and Gen 2 to meet 10Gbps. USB Type-C connectors allow for a reversible mating interface, providing an easy and reliable mating of the plug to jack in any plug direction. USB Type-C connectors are growing in popularity in new and emerging products, introducing the need for a connector that can support high-speed transmissions of audio and video signal output in harsh environments.

Features & Benefits

- Mid-surface mount design feature
- Reflow solder compatible
- Packaged in tape and reel for pick and place operations
- Current carrying capacity of 5A
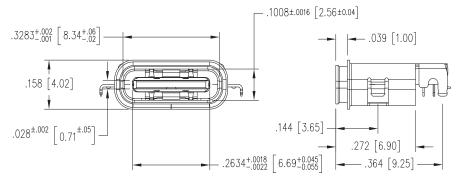- Supports USB 3.1 and is backwards compatible with USB 2.0

Applications

- Medical devices
- Industrial environments
- Military communication
- Renewable energy industry
- Rugged computing equipment

Part Numbers

Part Number	IP Rating	Operating Temperature	Performance Speed	PCB Height
SS-52400-004	IP67	-40°C – 80°C	USB 3.1	0.012 in (0.30 mm)

Part Drawing