

IP67 USB Type-C Connector

Harsh Environment Series



Stewart Connector introduces IP67 USB Type-C Connectors. These IP67 rated USB Type-C connectors support USB 3.0, USB 3.1 and USB 3.2, Gen 1 and Gen 2. 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

- Reflow solder compatible
- Current carrying capacity of 5 A
- SS-52400-004:
 - Mid-surface mount design feature
 - Packaged in tape and reel for pick and place operations
- SS-52400-012:
 - Vertical PCB mount
 - Packaged in tape and reel for pick and place operations
- SS-52400-007:
 - Bulkhead mount
- 67U3CD-XXXM-K:
 - USB C 3.1 IP67 male cable designed to mate with SS-52400-007

Applications

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

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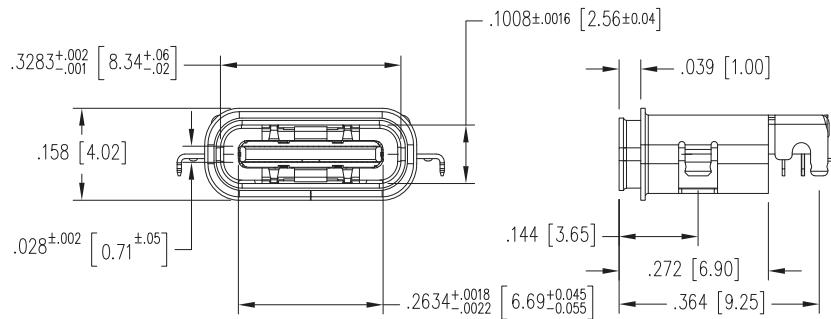
Stewart Connector

Connectors

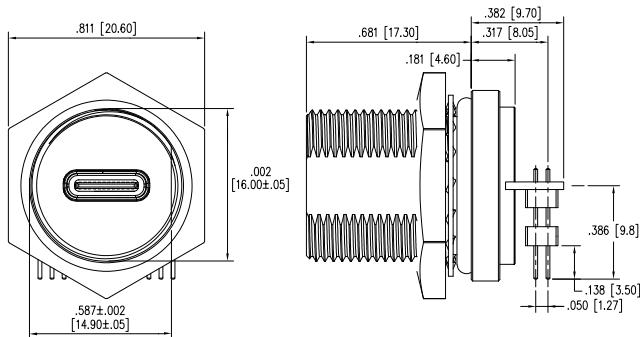
Part Number	IP Rating	Operating Temperature	Performance Speed	PCB Height
SS-52400-004	IP67	-40°C to +80°C	USB 3.1	0.012 in (0.30 mm)
SS-52400-007	IP67	-30°C to +80°C	USB 3.2	0.012 in (0.30 mm)
SS-52400-012	IP67	-25°C to +85°C	USB 3.0	0.012 in (0.30 mm)

Mechanical Drawings

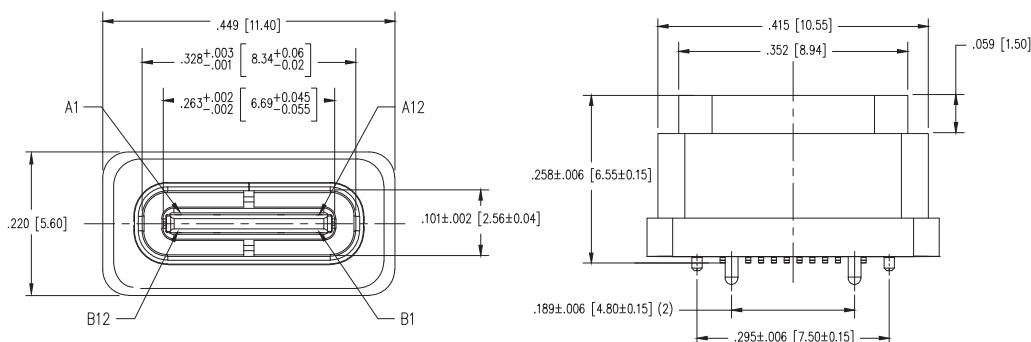
SS-52400-004



SS-52400-007



SS-52400-012



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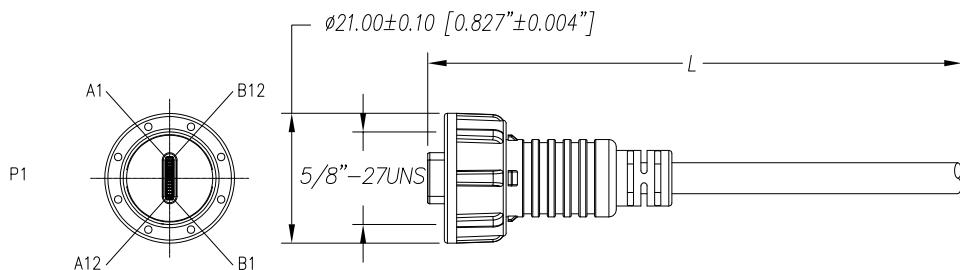
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Cable Assemblies

Part Number	IP Rating	Performance Speed	Description	Length
67U3CD-010M-K	IP67	USB 3.1	USB Type C Male to Blunt Cable Assembly	1 m
67U3CD-030M-K	IP67	USB 3.1	USB Type C Male to Blunt Cable Assembly	3 m

Mechanical Drawing

67U3CD-XXXXM-K

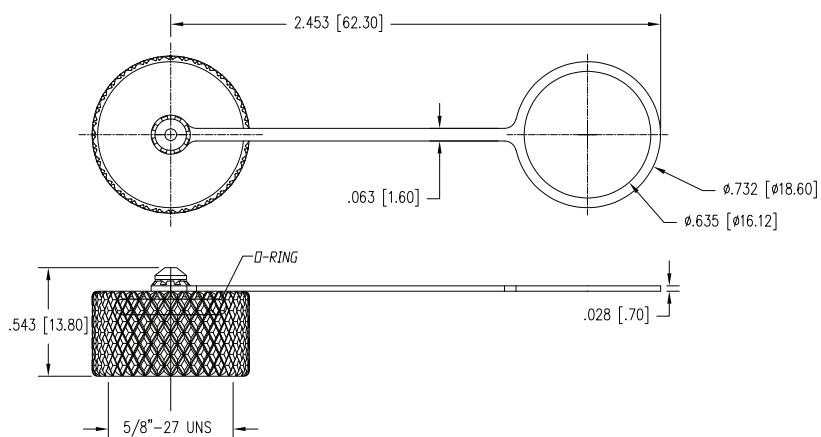


Accessories

Part Number	IP Rating	Type	Description
SS-52400-011	IP67	Dust Cap	Metal Cap 5/8" with Tether for connector PN: SS-52400-007

Mechanical Drawing

SS-52400-011



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Specification subject to change without notice.

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