

MAXIMUM SOLUTIONS

Mill-Max Offers USB 3.1 Type C Vertical SMT Receptacle



Mill-Max has added the [Vertical SMT SuperSpeed Universal Serial Bus 3.1, Type C](#) to its line of USB IO Sockets. This receptacle is 2X faster than USB 3.0 with more efficient data transfer, higher through-put and improved I/O power efficiency. Mill-Max already carries the USB 3.1 Top Mount and Mid-Mount style receptacles.

Features:

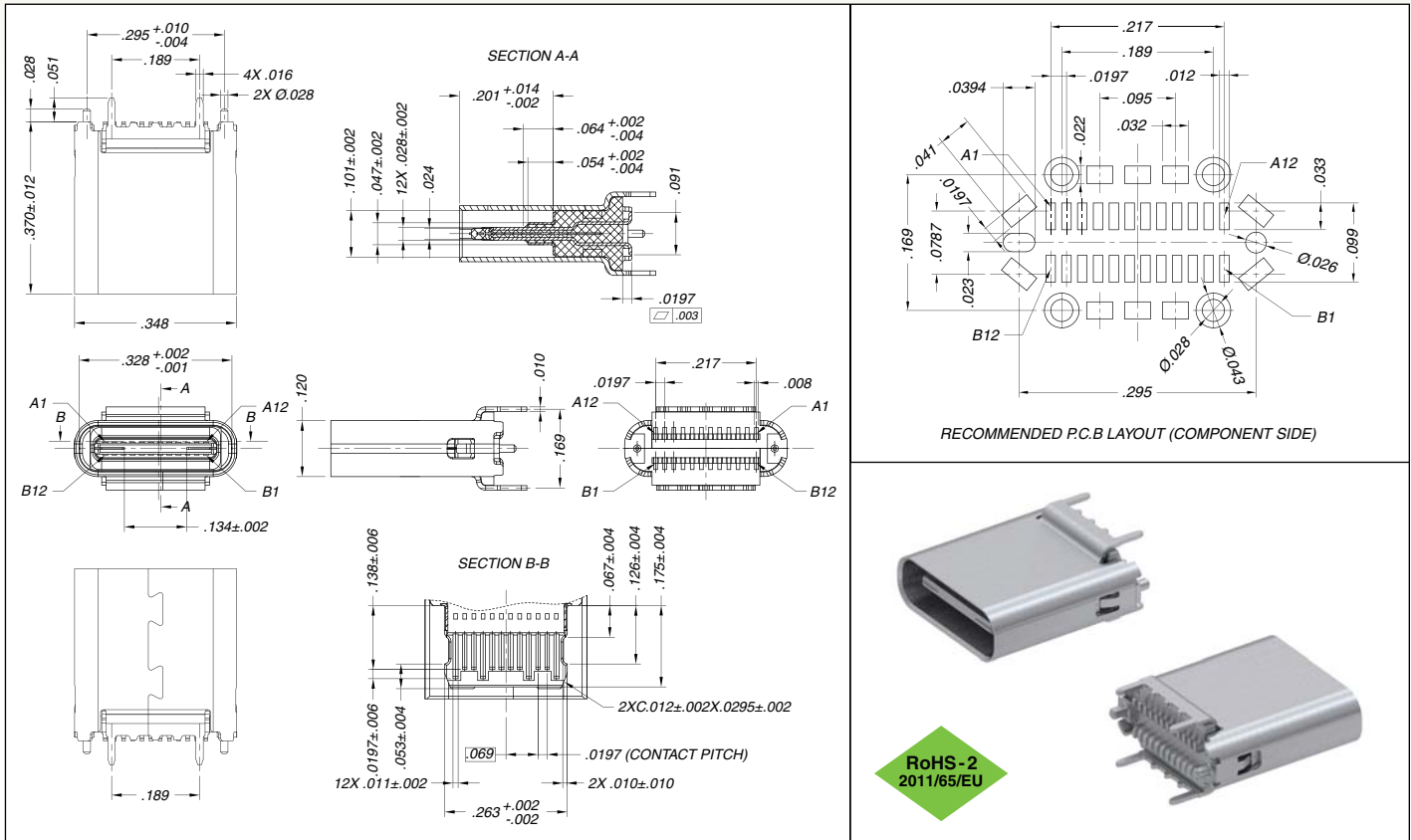
- USB 3.1 Vertical Surface Mount
- Full metal housing with enhanced EMI/RFI prevention
- Reversible USB Type C Connector. The type C connector style has no polarization so cables, with type C plugs, may be connected regardless of orientation.
- 2X faster than USB 3.0 (up to 10 Gbps) with more efficient data transfer, higher through-put and improved I/O power efficiency.
- Maintains backward compatibility with previous USB versions
- Provides optimized power efficiency to reduce drain on portable device batteries.
- For Storage, Smartphone, Tablet, Notebook, Docking, Automotive and Home Entertainment
- Packaged in Trays: 100 pieces per tray

Mill-Max also carries USB SMT and through-hole, Types A and B, compatible with USB 1.0 and 2.0 specifications; USB 3.0 through-hole mount sockets, Types A and B receptacles; USB 3.0 Micro-B SMT Sockets, Type B Receptacles and Mini USB SMT Sockets, Types A and B.

For more information, please visit: www.mill-max.com/PR669.

(10/16, PR669)

SERIES 898 • UNIVERSAL SERIAL BUS 3.1 TYPE C • VERTICAL SURFACE MOUNT



Technical Specifications

Materials:

Terminals: Copper Alloy, Tin-Plated
 Contacts: Copper Alloy, 30 μ " Gold-Plated
 Casing and Shield: Stainless Steel
 Insulator material: High temperature thermoplastic rated UL94V-0

General Specifications:

Temperature Range:
 Operating: -40°C to +85°C
 Nominal: +20°C

Electrical:

Voltage: 50VAC (rms)
 LLCR: 40m Ω max. (initial), Δ 10m Ω (Test cond. 20mV, 100mA)
 Dielectric Strength: 100VAC
 Insulation resistance: 100M Ω min.
 Current Rating: 5A for VBUS pin, 1.25A for VCONN pin

Mechanical:

Durability: 10,000 cycles
 Insertion force: 5-20 Newtons
 Extraction force: 8-20 Newtons after test

ORDERING INFORMATION

Vertical Surface Mount Type C Receptacle

898-43-024-00-310002

(Packaged in trays: 100 pieces per tray)

- USB 3.1 Vertical Surface mount, Type C
- Full metal housing with enhanced EMI/RFI prevention
- Reversible USB Type C Connector
- 10Gbps Data rate
- 2X faster than USB 3.0 with more efficient data transfer, higher through-put & improved I/O power efficiency
- For Storage, Smartphone, Tablet, Notebook, Docking, Automotive and Home Entertainment