

USB1086

Product Release



GCT

**USB Type A Vertical Receptacle
Rated to 20,000 mating cycles**

www.gct.co

Vital Stats

USB1086 is a vertically-mounted standard USB Type A connector, and has one of the **highest mating cycles available** in the market today, utilising a **higher grade stainless steel shell** to **enhance durability and strengthen retention forces**.

USB

Type A

Operating Temp.

-40 to +85°C

USB Specification

3.0

Gender

Socket

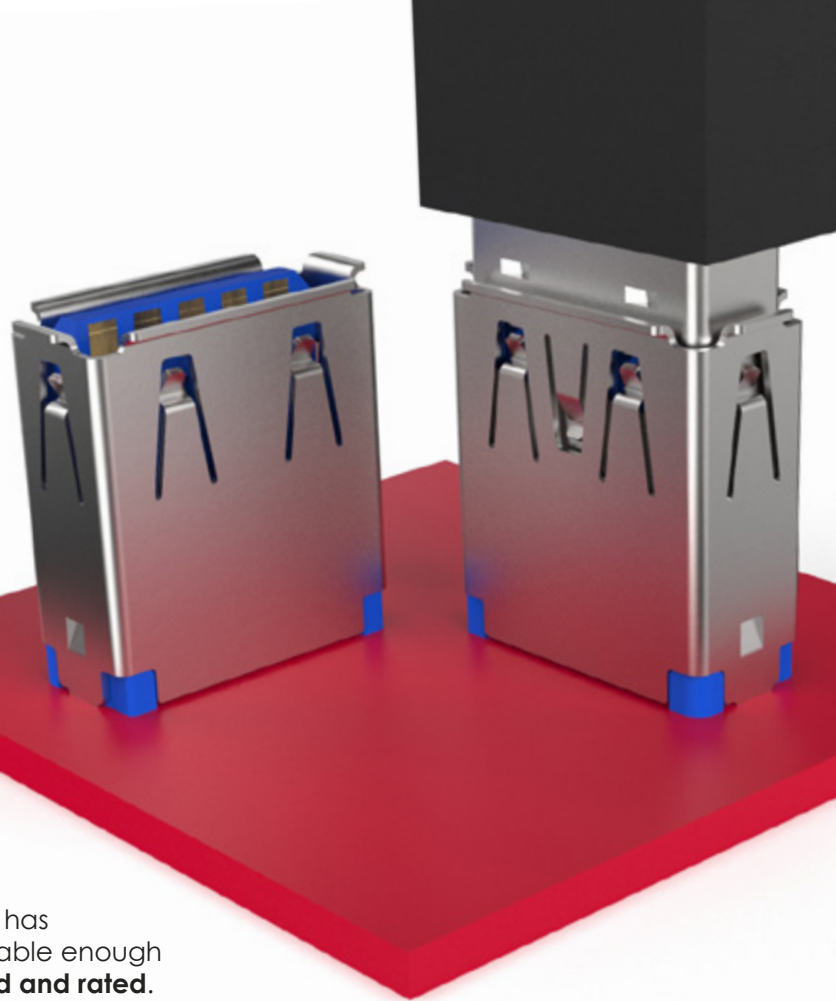
Mating Cycles

20,000

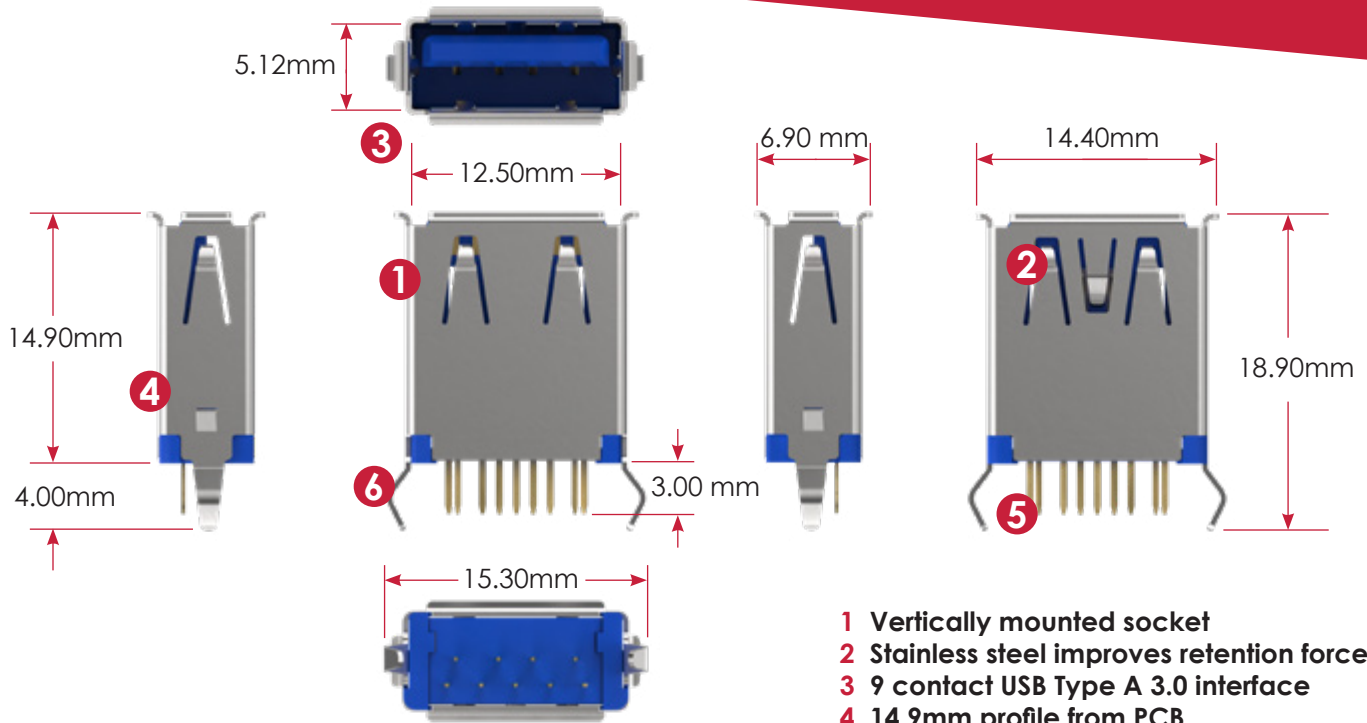
Shell

High Grade SUS

Where charging is used as the primary function for a USB connector, it's not surprising to see repeated mating and un-mating going over and above these numbers, especially for use in high traffic applications such as public charging points. **GCT** has engineered a set of full-sized USB connectors durable enough to **withstand over 20,000 cycles, thoroughly tested and rated**.



Plan View



- 1 Vertically mounted socket
- 2 Stainless steel improves retention force
- 3 9 contact USB Type A 3.0 interface
- 4 14.9mm profile from PCB
- 5 9 Through-hole solder tails
- 6 2 Sprung PCB shell stakes

gct.co/connector/usb1086

USB 3.0 Range



USB1075

- Horizontal top-mount standard USB Type A socket
- Blue insulator to denote USB superspeed and reliability
- Nickel plated copper shell rated for use between -55°C & +85°C
- Tested to 5000 mating cycles



USB1100

- Dual stack standard USB Type A socket
- Double the connections in the same PCB footprint
- 4 stainless steel shell stakes for strong attachment to PCB
- Tested to 5000 mating cycles



USB1115

- Standard USB Type A socket with cutaway shell
- 5.4mm profile slimline design and mid-board mounted
- No mating-face lead in for panel-flush finish
- Tested to 5000 mating cycles

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