



Mating Cycles USB Type-C®

Key features

- > Tested to 20,000 mating cycles – **2x the industry standard**
- > 6-Pin versions for Power Only applications
- > 16-Pin versions for USB2.0 applications
- > 24-Pin versions for USB3.2 Gen 2 applications
- > 16 & 24-Pin versions rated to 240W for Power Delivery

Connect, Disconnect, Repeat...

Avoid the frustration of product failure with GCT's range of high reliability USB Type-C connectors rated at 20,000* cycles which is twice the industry standard.

Available in 6, 16 & 24-Pin variants to suit power only, USB2.0 and USB3.2 Gen 2 applications respectively, the range includes horizontal and vertical options with most parts having multiple shell stake lengths to ensure reliable PCB retention.

Additionally, USB4081, USB4105, USB4145, USB4160 & USB4200 series are rated to 240W for Power Delivery applications.

Product Spotlight



	USB4125	USB4135	USB4140	USB4175	USB4105	USB4145	USB4081	USB4160	USB4200
USB Version	Power Only	Power Only	Power Only	Power Only	2.0	2.0	3.2 Gen 2	3.2 Gen 2	3.2 Gen 2
Gender	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle
No. Of Contacts	6	6	6	6	16	16	24	24	24
PCB Orientation	Horizontal	Horizontal	Vertical	Vertical	Horizontal	Vertical	Horizontal	Vertical	Flag
PCB Mount	Top	Top	Top	Top	Top	Top	Top	Top	Top
Shell Stakes	TH	SMT	TH	TH	TH	TH	TH	TH	TH
PCB Pin Type	SMT	SMT	SMT	SMT	SMT	SMT	SMT	SMT	SMT
Power Rating	60W	60W	60W	60W	240W	240W	240W	240W	240W
Mating Cycles	20,000*	20,000*	20,000*	20,000*	20,000*	20,000*	20,000*	20,000*	20,000*

*20,000 cycles at a rate of 500+/-50 per hour in accordance with EIA-364-09 (plug replaced every 10K cycles)