



Key features

- > 48V @ 5A for 240W Power Delivery (PD)
- > Male and female PCB mount
- > Horizontal and vertical mount options
- > 16-Pin variants for USB2.0 applications
- > 24-Pin variants for USB3.2 Gen 2 applications
- > 20,000* mating cycle options

Maximise your power. Minimise your cost

With devices demanding more power and faster charging capabilities GCT's 48V, 5Amp, 240W USB Type-C rated connectors are a huge leap forward from the previous 100W maximum. USB-PD allows devices to communicate with each other before transmitting and receiving power so they can take, and/or deliver, only what is needed. GCT's 240W rated socket and plug products are available in 16-pin and 24-pin formats to meet USB2.0 and USB3.2 Gen 2 specifications respectively. Horizontal and vertical options are also available in multiple shell stake options to maximize PCB retention for popular PCB thicknesses.

Product Spotlight



	USB4105	USB4110	USB4120	USB4145	USB4520	USB4081	USB4200	USB4160	USB4155
USB Version	2.0	2.0	2.0	2.0	2.0	3.2 Gen 2	3.2 Gen 2	3.2 Gen 2	3.2 Gen 2
Gender	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Plug
No. Of Contacts	16	16	16	16	16	24	24	24	24
PCB Orientation	Horizontal	Horizontal	Vertical	Vertical	Horizontal	Horizontal	Flag	Vertical	Horizontal
PCB Mount	Top	Top	Top	Top	Mid	Top	Top	Top	Edge
Shell Stakes	TH	SMT	TH	TH	TH	TH	TH	TH	TH
PCB Pin Type	SMT	SMT	SMT	SMT	SMT	SMT	SMT	SMT	SMT
Mating Cycles	20,000*	10,000	10,000	20,000*	20,000*	20,000*	20,000*	20,000*	10,000
Power Rating	240W	240W	240W	240W	240W	240W	240W	240W	240W

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