



## 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 Power Delivery (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 maximise PCB retention for popular PCB thicknesses.

## Key features

- > 48V @ 5A for 240W Power Delivery
- > 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

## 16-Pin Product Spotlight



	USB4085	USB4105	USB4110	USB4120	USB4145	USB4500	USB4505	USB4510	USB4520	USB4800
<b>USB Version</b>	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
<b>Gender</b>	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle
<b>No. of Contacts</b>	16	16	16	16	16	16	16	16	16	16
<b>PCB Orientation</b>	Horizontal	Horizontal	Horizontal	Vertical	Vertical	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal
<b>PCB Mount</b>	Top	Top	Top	Top	Top	Mid	Mid	Mid	Mid	Top
<b>Shell Stake Type</b>	Thru-hole	Thru-hole	SMT	Thru-hole	Thru-hole	Thru-hole	Thru-hole	Thru-hole	Thru-hole	Thru-hole
<b>PCB Pin Type</b>	Thru-hole	SMT	SMT	SMT	SMT	SMT	SMT	SMT	SMT	SMT
<b>Mating Cycles</b>	20,000*	20,000*	10,000	10,000	20,000*	10,000	10,000	10,000	10,000	10,000
<b>Power Rating</b>	240W	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)

## 24-Pin Product Spotlight



	USB4056	USB4070	USB4080	USB4081	USB4115	USB4151	USB4155	USB4160	USB4200	USB4525
<b>USB Version</b>	3.2 Gen 2	3.2 Gen 2	3.2 Gen 2	3.2 Gen 2	3.2 Gen 2	3.2 Gen 2	3.2 Gen 2	3.2 Gen 2	3.2 Gen 2	3.2 Gen 2
<b>Gender</b>	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Plug	Plug	Receptacle	Receptacle	Receptacle
<b>No. of Contacts</b>	24	24	24	24	24	24	24	24	24	24
<b>PCB Orientation</b>	Horizontal	Vertical	Horizontal	Horizontal	Vertical	Vertical	Horizontal	Vertical	Flag	Horizontal
<b>PCB Mount</b>	Top	Top	Top	Top	Top	Top	Edge	Top	Top	Mid
<b>Shell Stake Type</b>	Thru-hole	Thru-hole	Thru-hole	Thru-hole	Thru-hole	Thru-hole	Thru-hole	Thru-hole	Thru-hole	Thru-hole
<b>PCB Pin Type</b>	Hybrid	SMT	SMT	SMT	SMT	SMT	SMT	SMT	SMT	SMT
<b>Mating Cycles</b>	10,000	10,000	10,000	20,000*	10,000	10,000	10,000	20,000*	20,000*	10,000
<b>Power Rating</b>	240W	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)