USB3.2 GEN2 SERIES

GCT

FEATURES/SERIES	USB4050	USB4055	USB4056	USB4060	USB4065	USB4070	USB4080	USB4115	USB4151	USB4155
USB Version	3.2 GEN2	3.2 GEN2	3.2 GEN2	3.2 GEN2	3.2 GEN2	3.2 GEN2	3.2 GEN2	3.2 GEN2	3.2 GEN2	3.2 GEN2
Gender	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Plug	Plug
No. of Contacts	24	24	24	24	24	24	24	24	24	24
PCB Orientation	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Vertical	Horizontal	Vertical	Vertical	Horizontal
Contact Pin Type	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid	SMT	SMT	SMT	SMT	SMT
Shell Stake Type	Thru-hole	Thru-hole	Thru-hole	Thru-hole	Thru-hole	Thru-hole	Thru-hole	Thru-hole	Thru-hole	Thru-hole
Profile Height	3.42mm	3.46mm	3.31mm	3.42mm	3.46mm	10.50mm	3.16mm	9.25mm	11.10mm	2.90mm
PCB Mount Position	Mid	Top	Top	Mid	Top	Top	Top	Top	Top	Edge
Mid Mount offset	1.37mm	-	-	1.37mm	-	-	-	-	-	-
Shell Stake Length Std	0.60mm	1.20mm	1.15mm	0.60mm	1.20mm	1.30mm	0.50mm	1.15mm	1.25mm	0.90mm
Shell Stake Length Opt	-	-	1.40mm	-	-	-	-	-	-	-
Contact Plating	30μ" gold	30μ" gold	3μ" gold	30μ" gold	30μ" gold	30μ" gold	3μ" gold	3μ" gold	Gold Flash	3μ" gold
Current Rating	5A	5A	5A	5A	5A	5A	5A	5A	5A	5A
Mating Cycles	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000

Fully Featured 24 Pin USB Type C

Our Type-C connections are the next-generation solution for current and future USB applications. With industry standard design they're small enough for portable devices and small household appliances while also being durable enough for industrial applications. All GCT's Type C products have a reversible interface that can receive a mating half from any direction, making mating simple and reliable.
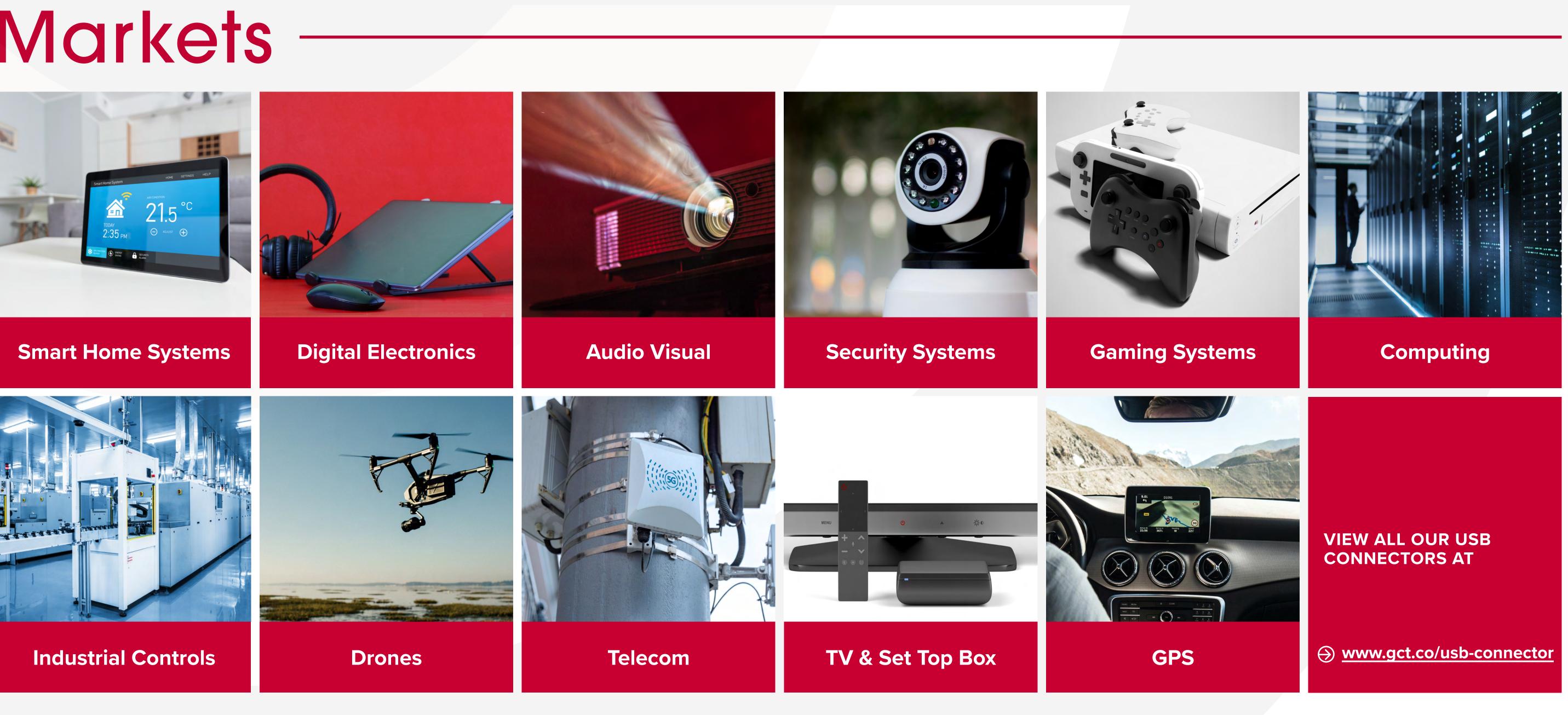
The 24 pin variants support a number of protocols, and it can be used to connect to HDMI, VGA, DisplayPort, and other types of connections from a single USB Type-C port with the use of adapters. Selected GCT products have a single piece drawn shell which reduces unwanted EMI leakage.
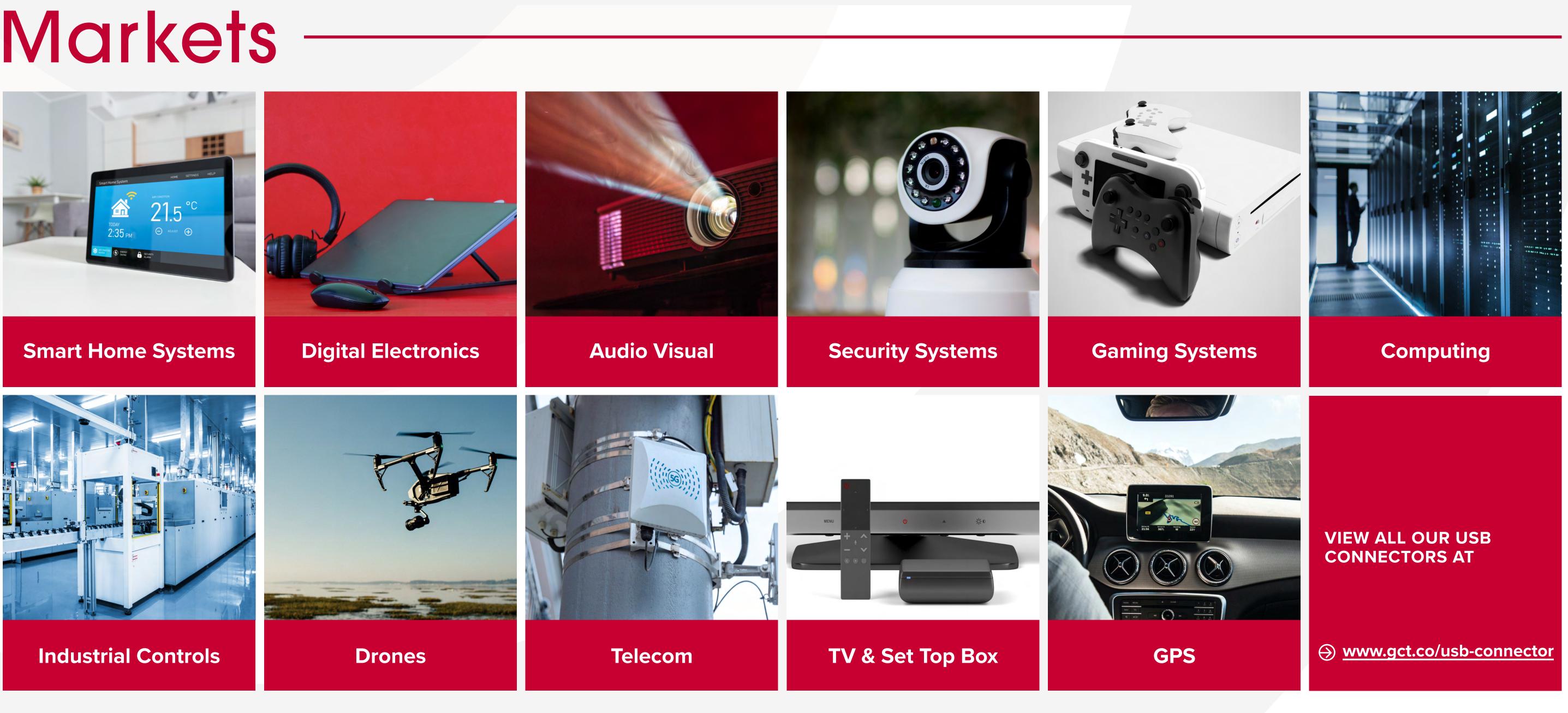
Markets

Smart Home Systems

Digital Electronics

Audio Visual

Security Systems

Gaming Systems

Computing

Industrial Controls

Drones

Telecom

TV & Set Top Box

GPS

VIEW ALL OUR USB CONNECTORS AT

www.gct.co/usb-connector

USB2.0 AND POWER ONLY SERIES

GCT

FEATURES/SERIES	USB4085	USB4105	USB4110	USB4120	USB4500	USB4505	USB4510	USB4520	USB4125	USB4130	USB4515
USB Version	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	Charging Only	Charging Only	Charging Only
Gender	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle
No. of Contacts	16	16	16	16	16	16	16	16	6	6	6
PCB Orientation	Horizontal	Horizontal	Horizontal	Vertical	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Vertical	Horizontal
Contact Pin Type	Thru-hole	SMT	SMT	SMT	SMT	SMT	SMT	SMT	SMT	SMT	SMT
Shell Stake Type	Thru-hole	Thru-hole	SMT	Thru-hole	Thru-hole	Thru-hole	Thru-hole	Thru-hole	Thru-hole	Thru-hole	Thru-hole
Profile Height	3.46mm	3.31mm	3.26mm	6.50mm	3.16mm	3.16mm	3.16mm	3.16mm	3.16mm	6.50mm	3.16mm
PCB Mount Position	Top	Top	Top	Top	Mid	Mid	Mid	Mid	Top	Top	Mid
Mid Mount offset	-	-	-	-	0.80mm	1.00mm	1.60mm	2.10mm	-	-	1.60mm
Shell Stake Length Std	2.10mm	0.95mm	-	0.95mm	0.70mm	0.80mm	0.70mm	0.85mm	1.00mm	1.20mm	0.75mm
Shell Stake Length Opt 1	-	0.60mm	-	-	-	-	-	-	1.90mm	-	-
Shell Stake Length Opt 2	-	1.20mm	-	-	-	-	-	-	-	-	-
Contact Plating	Gold Flash	Gold Flash	Gold Flash	3µ" gold	3µ" gold	3µ" gold	3µ" gold	3µ" gold	Gold Flash	Gold Flash	3µ" gold
Current Rating	3A	5A	5A	5A	5A	5A	5A	5A	3A	3A	5A
Mating Cycles	10000	10000	10000	10000	10000	10000	10000	10000	20000	10000	10000

USB4110: **FULL SMT**

Cost effective Type C for USB2.0 & Power Only applications

The GCT 6 and 16 pin range provides the fast charging capabilities of USB Type C at a cost-effective price. For applications where USB2.0 or charging is the primary function for the connection, the range truly makes Type C a real option over other popular USB types.

Here you will find the current USB Type C connectors within this range, with more versions to follow shortly.

You can find out more about each connector by visiting our website at www.gct.co. Here you will have access to a broad range of resources for each product including datasheet, product specifications and 3D models to download.

Markets

EPoS Terminals

Portable Electronics

VR Equipment

Home Automation

Gaming Peripherals

Electronic Signage

Dental Equipment

Satellite Navigation

Breathalyzers

IT Peripherals

Audio Equipment

VIEW ALL OUR USB CONNECTORS AT

www.gct.co/usb-connector