CX SERIES USB TYPE-C:
Designed for Industrial Challenges

Not all USB Type-C connectors are built for industrial use.

The CX Series delivers ruggedized solutions for engineers facing challenges like:

- High-vibration environments – Secure mounting options, including THR and hybrid designs, ensure long-term reliability.
- Exposure to dust & moisture – IPX8-rated options provide protection in harsh conditions.
- Limited PCB space – Compact, low-profile designs optimize real estate without sacrificing performance.
- Data & power demands – Options supporting up to 20Gbps and 6A meet industrial connectivity needs.

Find the Right Fit for Your Design
Use the chart below to compare mounting types, speeds, and current ratings at a glance.

						Variations						
Part No.	1 CX70M-24P1	2 CX90MWD2-24P	3 CX90MWD2G-24P	4 CX90MWP1-24P	5 CX90MW6-16P	6 CX90M-16P	7 CX80B1-24P	8 CX90B1-24P	9 CX90B1B-24P	10 CX90B2-24P	11 CX90B-16P	12 CX90BW-16P
PCB Mounting Type	Mid-Mount						Top-Mount					
Mounting Method	Right-Angle Hybrid (SMT+THR)	Right-Angle (SMT Double-row)			Right-Angle (SMT Single-row)		Vertical (SMT)	Right-Angle (SMT Double-row)			Right-Angle (SMT Single-row)	
No. of Pos.	24pos.				16pos.		24pos.					
Transmission Speed	5Gbps				480Mbps		20Gbps / USB4 Gen.2x2				480Mbps	
Rated Current	5A				6A		5A					6A
Product Image		IPX8	IPX8	IPX8	IPX8							IPX4
Remarks	Space-Saving 8.35mm*2 Depth TID No. 5,200,000,077	Without Gasket	With Gasket	Plastic Shell Screw Mounting Design	Screw Mounting Design With Gasket	Space-Saving	Low Profile TID No. 5,200,000,701	Robust Shell Through-Hole Height : 0.6mm TID No. 5,200,000,499	Robust Shell Through-Hole Height : 1.2mm TID No. 4626	Enhanced THR Design	Space-Saving	With Gasket

*2 **CX70M-24P2** (7.95mm depth) is also available.

Need a sample?
Scan the QR code to request one today!

CLICK HERE
FOR MORE INFORMATION

For additional information please go to
www.hirose.com/product/series/CX
Specifications herein are subject to change without notice.
Contact Hirose for latest specifications, drawings, or availabilities.

STAY CONNECTED