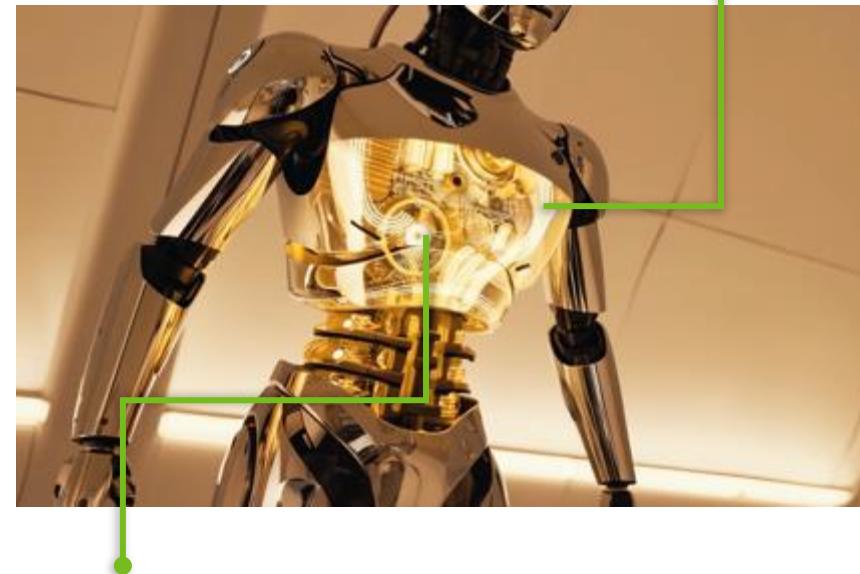


Hirose Connectors for Torso



Battery Management System

FFC/FPC
Center lock



TB4 Series

Torso

Rugged Type-C
USB(10Gbps), DP1.4



AU1 Series

USB Type-C
5A Waterproof



CX Series

Floating B-to-B
Height variation
8.0~30.0mm



FX23 Series

Small, Robust
I/O for Ethernet



IX industrial

Wide Variation
Height 1.5-4.0mm



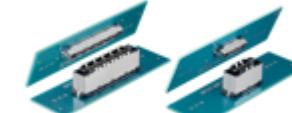
DF40 Series

Power Supplies
30A. 7.92mm pitch



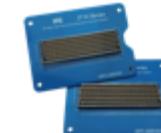
DF22 Series

Floating BtoB
H=21.0mm, +Shielded



KP27F Series

High Speed BGA
56/112 Gbps



IT14 Series

0.5mm size W-B
2.0mm pitch



ZE05 Series

0.5mm size W-B
2.0mm pitch, shock



ZH05 Series

Click here to
request a sample

Click on the product for
more information

Torso Connector Recommendations: Here's Why



AU1: Rugged USB connector supporting USB 3.2 Gen 2 (10 Gbps), designed for high-temperature and high-vibration environments. Multiple mounting orientations, two keying options, and a PCB-friendly design support reliable integration in motion-intensive systems.

CX Series (USB Type-C): USB Type-C connector family offering a wide range of options, including high-speed data, high current, lightweight, and waterproof variants. Supports flexible system design across compact, rugged, and environmentally exposed applications.

DF22: Compact high-power wire-to-board connector with positive locking for secure mating. Color-coded housings support circuit identification, with optional retainer/TPA available to enhance wire retention and assembly reliability.

DF22B: Branch connector within the DF22 series designed for high-voltage and high-current wire harnesses. The branching structure provides flexibility in harness routing and supports convenient service access.

DF40G: Shielded variant of the DF40 series board-to-board connector. Added shielding improves EMI performance while retaining support for high-speed signal transmission in dense PCB layouts.

FX23: Floating hybrid board-to-board connector integrating power contacts and high-speed signal transmission up to 16 Gbps. Designed for high-temperature operation with strong resistance to shock and vibration, supporting mechanically dynamic assemblies.

IT14: High-speed board-to-board connector rated for PAM4 transmission up to 112 Gbps. Low-profile 5.0 mm height supports compact designs requiring very high data rates.

ix Industrial™: IEC-standard interface for Ethernet and general I/O, supporting shielded high-speed transmission up to 10 Gbps. Compact, robust design with optional waterproof versions and easy field termination for distributed system architectures.

KP27F: Floating hybrid connector supporting up to 3 A power and 8 Gbps signal transmission. Integrated shielding reduces noise emission and improves immunity, supporting stable performance in dense and motion-prone environments.

TB4: FFC/FPC connector with center-lock mechanism for increased retention. Designed to maintain reliable connections under vibration and shock in harsh operating conditions.

ZE05: Compact wire-to-board connector offering high vibration and shock resistance with thermal reliability up to 125 °C. Includes an optional retainer/TPA to improve wire retention and long-term connection stability.

ZH05: Compact wire-to-board connector with high vibration and shock resistance and thermal reliability up to 125 °C. Integrated short-circuit prevention enhances safety and connection reliability in power-critical applications.