

# Hirose Connectors for Lower Body

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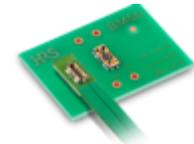
## Lower Body

Narrow Hybrid  
W=1.90mm, 5A



BK13 Series

High current  
15A power



BM50 Series

Power W-to-B  
30A



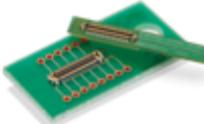
DF22/22B Series

Positive Lock W-to-B  
Pitch=2.0mm



DF51/51K/51B Series

Narrow Hybrid  
Width=1.7mm, 5A



BM28 Series

Power, vertical, float  
25A, 3.81mm pitch



FX30B Series

Wire to Wire  
Waterproof, 5A



DF62W Series

# Lower Body Connector Recommendations: Here's Why



## **BK13**

Micro board-to-board hybrid connector supporting up to 5 A power and high-speed signal transmission, including MIPI D-PHY. Multiple stacking heights and pin counts support layout flexibility, while the fully armored design, strong PCB retention, and wide self-alignment range improve durability and assembly tolerance.

## **BM28**

Micro board-to-board hybrid connector combining up to 5 A power delivery with USB4 Gen 2 (10 Gbps) signal support. Designed to save space while maintaining robustness through metal-covered guidance ribs and a reliable two-point contact structure.

## **BM50**

Compact hybrid connector supporting both signal transmission and high current up to 15 A.

## **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 enables convenient service access without redesigning the primary power path.

## **DF51B**

Branching variant of the DF51 series that supports flexible wire harness layouts. Designed to improve serviceability and simplify power distribution in systems with modular or distributed wiring requirements.

## **DF62W**

In-line waterproof connector optimized for small spaces. Slim housing with smooth contours minimizes required spacing while providing environmental protection for compact, moisture-exposed applications.

## **FX30B**

High-power board-to-board connector supporting up to 25 A at 600 V in multiple orientations. Designed with misalignment absorption to allow use alongside adjacent signal connectors, supporting mixed power-and-signal architectures.