



ERNI's iBridge Ultra is a 2mm pitch Single Row Connector that carries up to 8A per contact. Miniaturized, robust and powerful, connections are assured with dual locking sides and TPA.

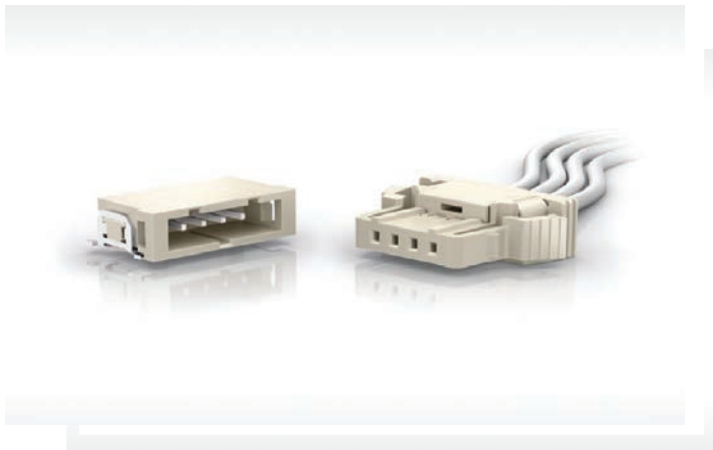
Click here or scan the QR code to launch the iBridge Ultra video



**or type this URL into your browser
<https://rebrand.ly/ERNI-iBridgeUltra-Video-E>**

SAFETY FIRST: CUSTOM DESIGN FOR DEMANDING APPLICATIONS

- secure connection for even the harshest environments
- high currency carrying with up to 8 A rating per contact
- double-sided interlocking plus a secondary locking of the crimp contacts in the housing (TPA)
- polarity reversal protection design
- USCAR2 and USCAR21 tested
- single row, tin plated, 2 mm pitch connectors for standard and some non-standard cable sizes
- vertical & right angle males; 180 inline females
- iBridge Ultra is UL certified



Pitch	2.0 mm
No. of Pins	2, 3, 4, 5, 6, 8, 10, 12
Termination	male: SMT, Solder; female: Crimp
Current rating (A)	up to 8 A per contact at 20 °C
Temperature range	-40 °C to 100 °C
Automotive Standard	Specifications are tested according to requirements of USCAR-2 and USCAR-21
Wire cross section	AWG 22 \triangleq 0.35 mm ² , AWG 24 \triangleq 0.22 mm ²

APPLICATIONS (not limited to)

Automotive (Drives, Headlights & BMS)
Tele & Data-communication
Medical
Instrumentation
Automation
Construction & Agriculture

For more information on iBridge Ultra or any ERNI connectors, please contact your ERNI Sales Manager or ERNI Manufacturing Rep and speak to a connector specialist about ERNI's iBridge Ultra