

With this expansion, the ERNI MiniBridge product line opens the door for several additional fields of application. The PCB cable system is predestined for the connection of decentral function units such as front plate displays, buttons, motors, fans or fuses. The target sectors are the automotive industry, industrial automation, aircraft industry, mechanical engineering, medical technology and consumer electronics.

With the MiniBridge female connector, cable connections could previously be created from PCB to PCB. Now this point-to-point connection can be made within the cable run.

This offers additional advantages. Previously, a PCB connection was required on at least one side of the cable. But now this connection can be omitted due to space or assembly reasons, for example. Units of a device must often be preassembled in such a way that a PCB is no longer accessible. Or alternatively, these are connections that manage without a PCB.

Solution: The MiniBridge cable-to-cable connection

ERNI offers both an IDC female connector and an IDC male connector for this cable connection; these are designed for the connection of flat cables or discrete wires.

Features

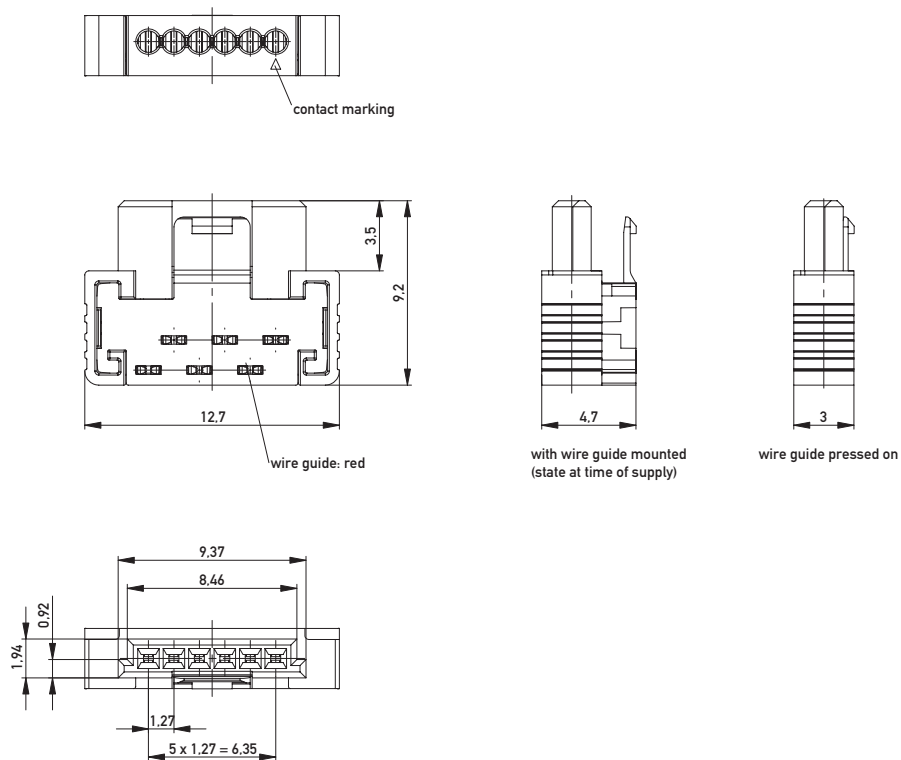
- Pitch 1.27 mm
- Number of pins: 6
- High current carrying capacity, depends on cable used, e. g. AWG 26 > 3.7 A per contact @ 20 °C, limit temp. 125°C
- Termination: IDC, flat cable AWG 26, 7 stranded wires
IDC, discrete wire AWG 30, 7 stranded wires
- Modules: Female connector, 180° cable outlet
Male connector, 180° cable outlet
- Interlocking: Female connector red - unlockable only with tool (high vibration/shock load)
Female connector black - unlockable without tool (lower vibration/shock load)
- Tray packaging
- Standard and customized cable assemblies available from ERNI

MiniBridge® Cable-to-Cable Connection

Dimensional Drawings



Female Connector



Male Connector

