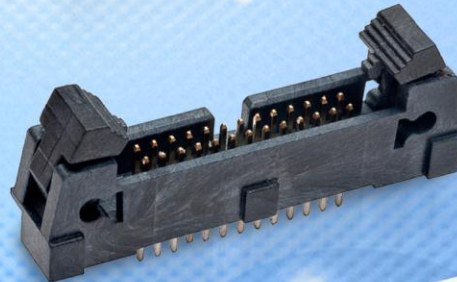
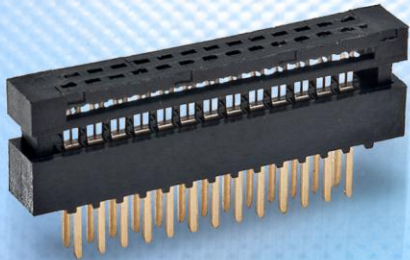
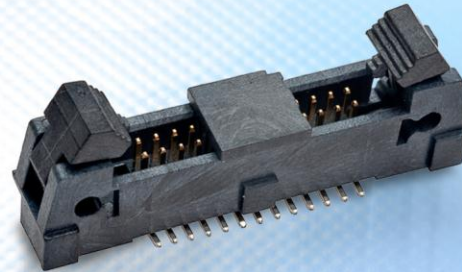
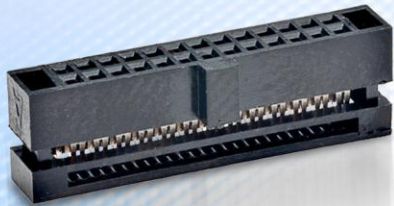
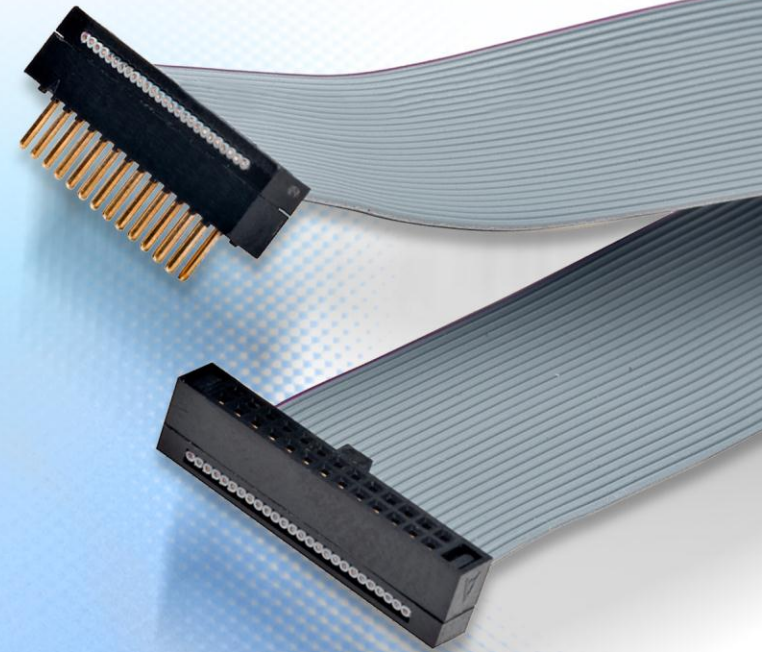


ARCHER

1.27mm Pitch Connectors



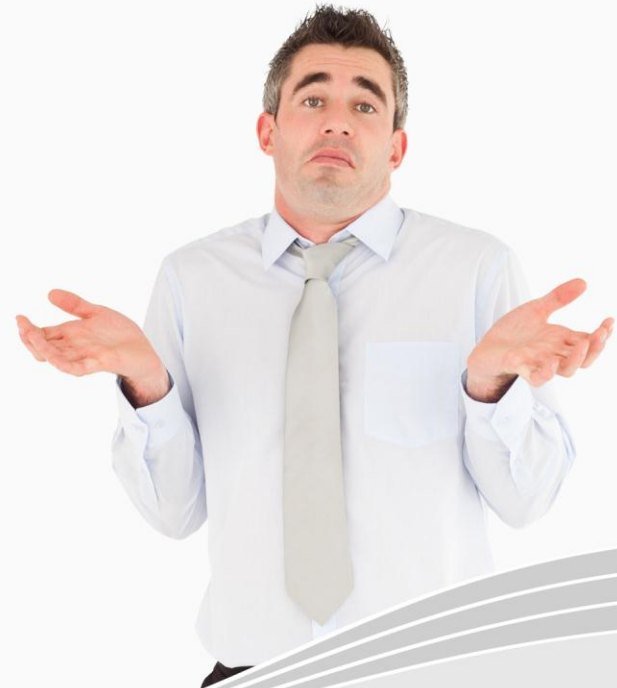
HARWIN

Today's Interconnection Challenges

- Today's Hardware and PCB Designers are faced with many connector challenges

ARCHER 

Provides an effective solution



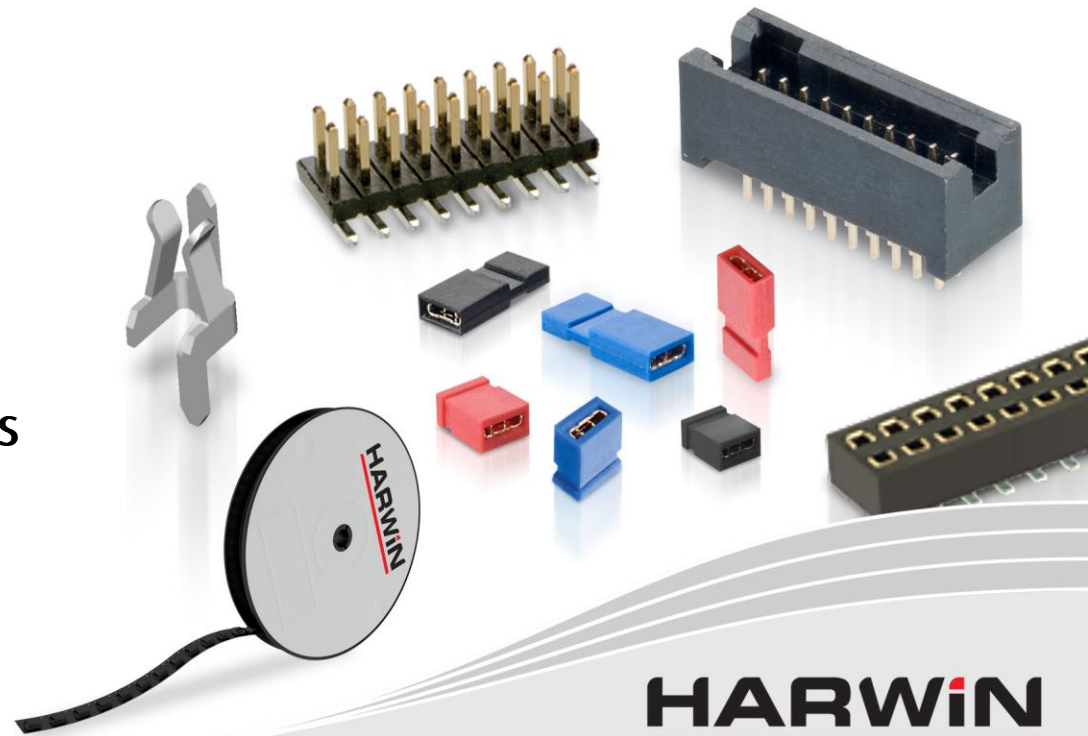
HARWIN

Today's Hardware and PCB Designers are faced with many connector challenges: - Smaller design envelope - Limited PCB space
- Increased functionality.

Designers & Manufacturers are looking for: - Low cost - Small size connectors - Design flexibility; Board-to-Board, Cable-to-Board
- Wide range of sizes - Auto-assembly friendly

Archer Design Features

- 1.27mm pitch
- Through-board and SMT
- Vertical and Horizontal
- Wide range of styles and sizes

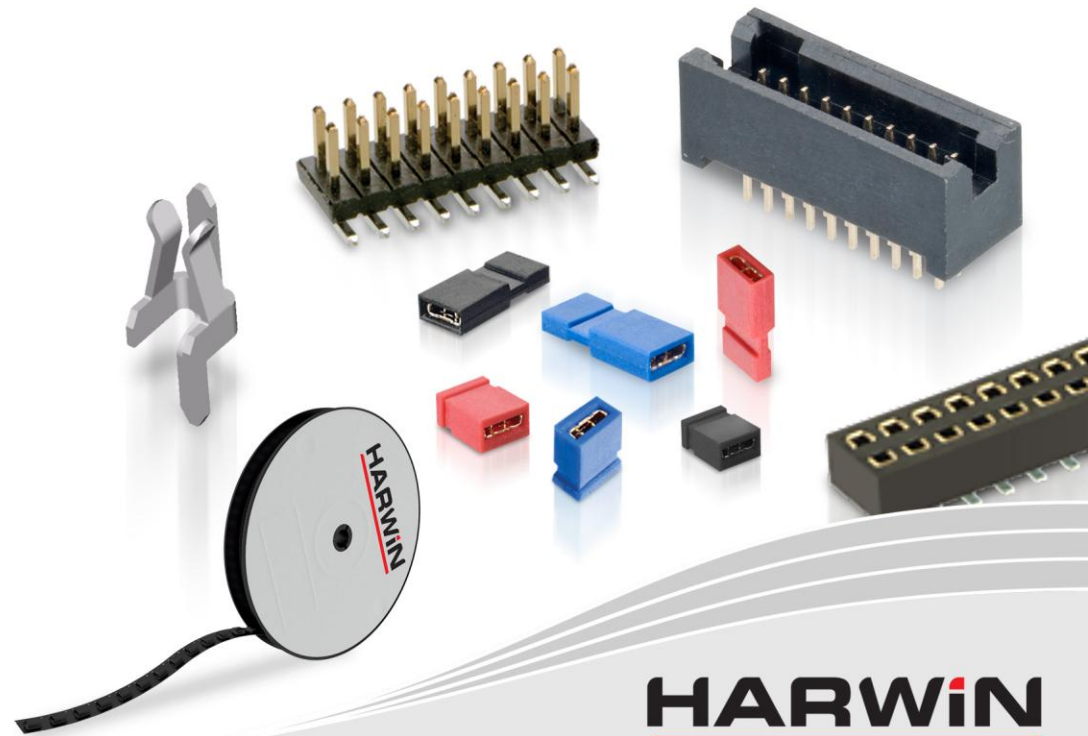


Archer connectors are Space Saving, with a Dual Beam contact for reliability. The range consists of Board-to-Board connectors, Jumpers and an IDC Cable connector system.

The range is Auto-Assembly friendly, with many varieties available in tape and reel packaging.

Performance Characteristics

1 Amp
per contact



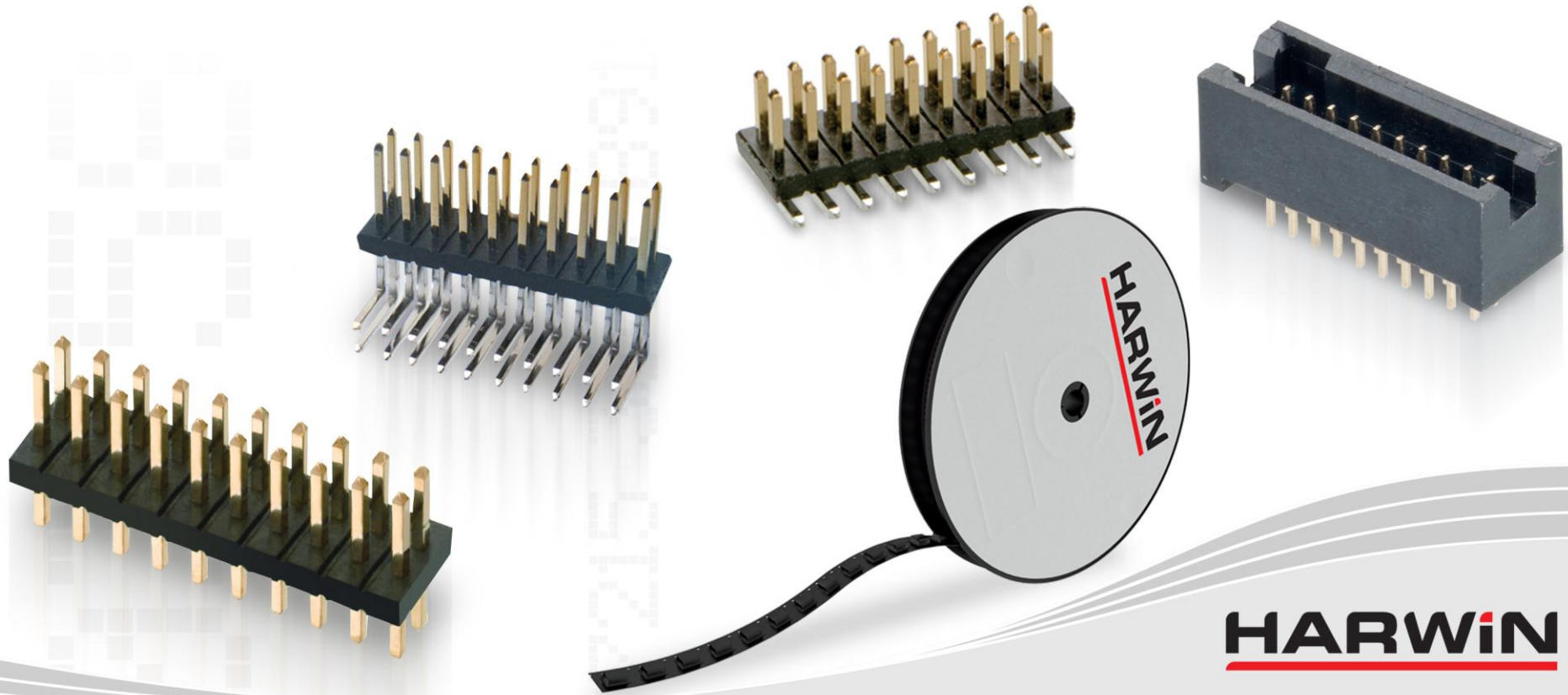
HARWIN

Other Performance highlights include:

- Voltage Proof = 1,000V AC (typical)
- Operating Temp = -40°C to +105°C
- Contact Resistance = 30mΩ max
- Insulation Resistance = 500MΩ min (connectors)

[Click Here for Full Specifications](#)

1.27mm Pitch Headers

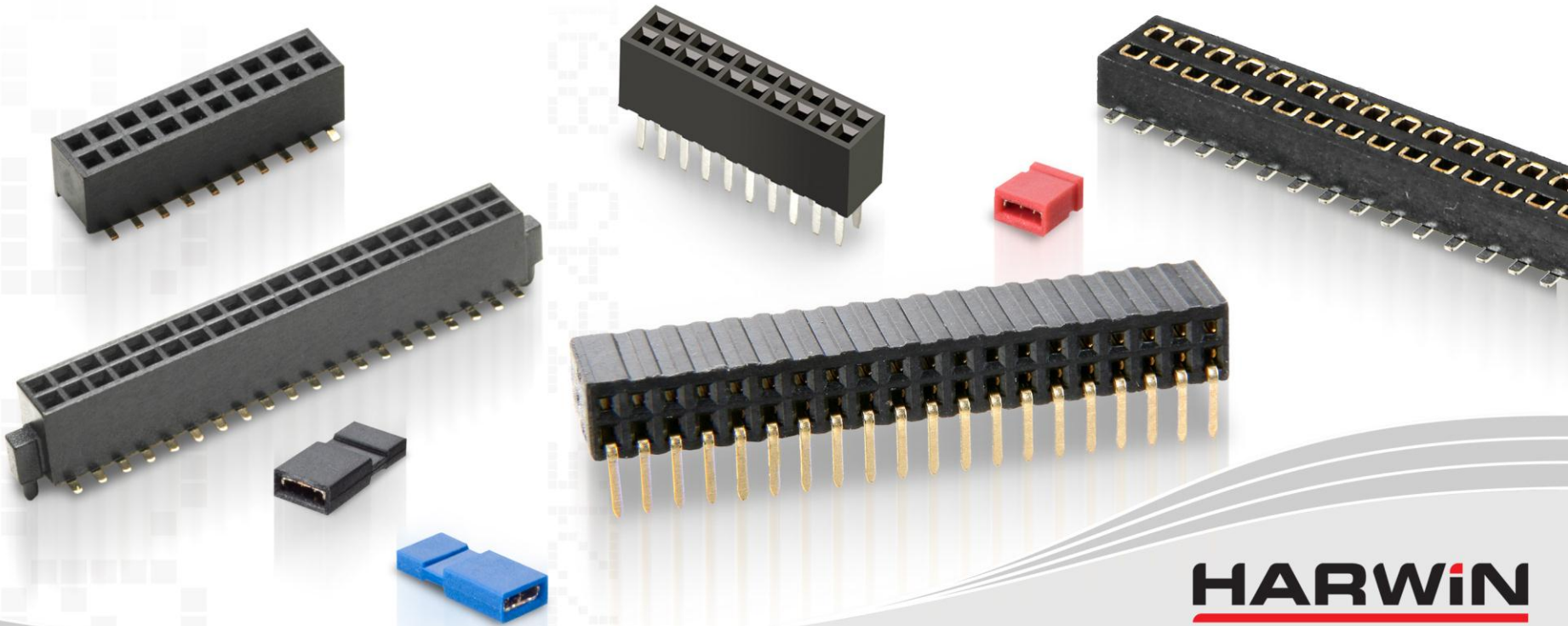


HARWIN

Pin headers (Male) are available in a variety of styles and formats, including:

- Up to 40 contacts per row, in Single and Dual row series
- Through-hole and SMT, in Horizontal, Vertical and Extended orientations – SMT also available in Tape & Reel for Auto-placement
- Shrouded & Polarised versions

1.27mm Pitch Sockets



HARWIN

Sockets (Female) are also available in a variety of styles and formats, including:

- Up to 40 contacts per row, in Single and Dual row series
- Through-hole and SMT, in Horizontal and Vertical orientations – SMT also available in Tape & Reel for Auto-placement
- Shrouded & Polarised versions
- Jumper Sockets for added programming options, with or without handle in a variety of colours

IDC Products

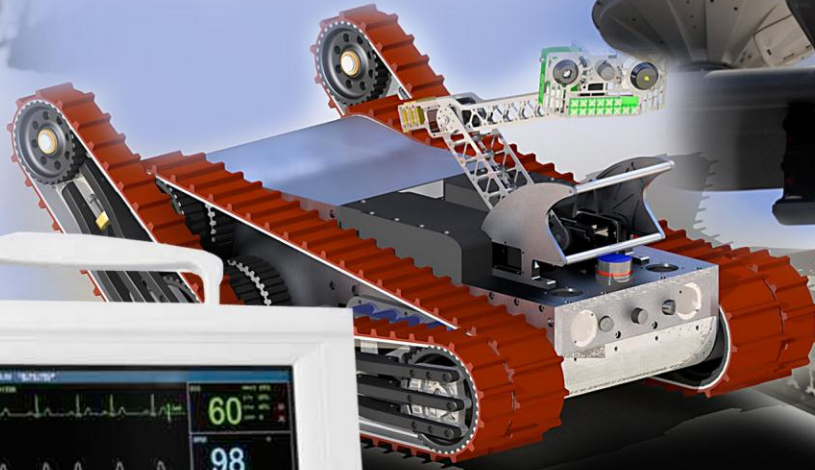


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The IDC range of connectors consist of a selection of:

- Latched Headers in in PC Tail and SMT configurations (SMT available in Tape and Reel)
- IDC cable connectors in both Socket and DIP Transition styles
- Socket-to-Socket and DIP-to Socket Cable assemblies **stocked in depth**, in 150mm and 300mm lengths

Markets and Applications



Instrumentation Applications



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Electronic Equipment often has multiple PCBs within a small enclosure space. Products need a reliable and cost-effective 1.27mm pitch board-to-board or cable-to-board connector system, such as Archer. Typical applications include:

- Navigation Systems, Sonar Displays
- Test Equipment (bench test and within a production environment)
- Medical Diagnostic equipment, such as X-Ray machines

Hand-Held Applications



HARWIN

Hand-held test and diagnostic equipment is the ultimate in premium PCB space, but connector systems still need to be reliable – Archer delivers in these applications:

- Radio Communications Equipment
- Test and Diagnostic equipment for on-site and off-site maintenance
- Navigation devices (Hand-held GPS systems)
- Portable Medical Devices

Industrial Control Applications



HARWIN

Space saving can offer rewards with smaller and lighter equipment modules. Archer connectors give excellent reliability in a small footprint, for applications such as:

- Industrial Process Control Equipment
- Drive Controllers , such as Assembly Robots and Conveyor Systems
- Computer and Peripheral devices, Telecoms & Broadcast equipment (IDE Hard Drives, Disk Drives & Controllers, Additional RAID Systems, ISDN equipment, Networking systems)

Targeting Designers' Needs

- Industry Standard Performance
- Wide Product Range
- Competitive Pricing
- Complete Connector & Cable Solution



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Archer 1.27mm Pitch Connectors

Any Questions?

The Harwin Team is happy to help, please contact us!

- Live Help (on the [Harwin website](#))
- E-mail – technical@harwin.com
- Telephone – [click here](#) for the contact details for your region

