

Product Snapshot

HARWIN

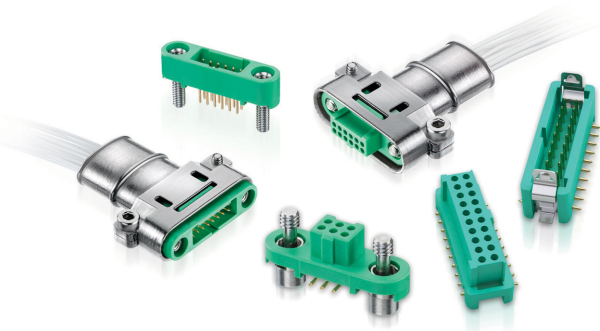
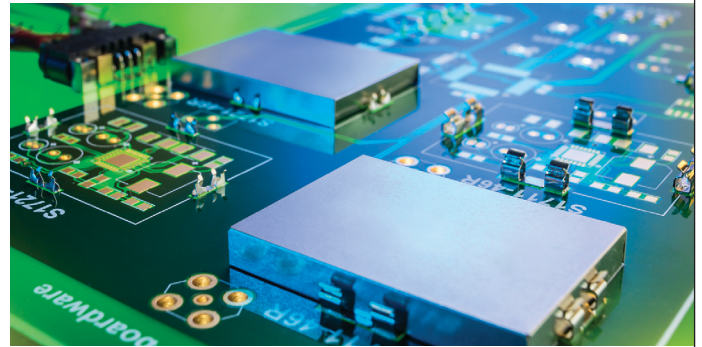
Harwin is a manufacturer of hi-rel interconnect components and SMT board hardware with an enviable reputation for high quality and exceptional customer service.

Products include: High-Reliability devices; RFI & PCB Hardware; and an extensive range of industry standard interconnection solutions.

EMC Shielding

Easy-to-use Shielding Solutions

- ❖ Surface mount components for simple BLS (Board Level Shielding)
- ❖ Removable and replaceable Shield Can system to eliminate secondary solder operations and damaging rework
- ❖ Award-winning Shield Can Kit; make your own custom can, ideal for prototyping and test
- ❖ Comprehensive range of Spring contacts, including Positive Stop and Multi-Directional



Gecko Connectors

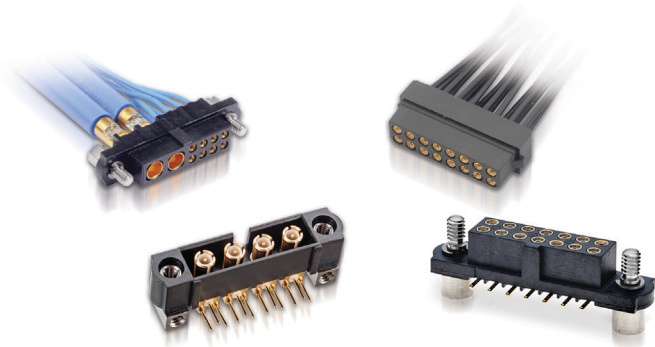
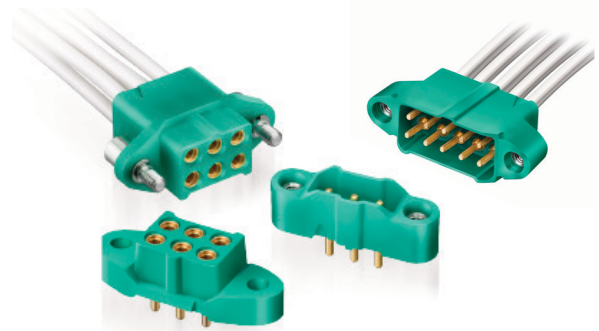
1.25mm Pitch High-Reliability Connectors

- ❖ Multiple award-winning connector system
- ❖ 2.8A per contact in isolation, 2A per contact simultaneously
- ❖ Resists shock at 100G, and vibration at 20G
- ❖ Withstands extreme temperatures of -65°C to +150°C
- ❖ High performance patented four-finger contact
- ❖ Manufactured from environmentally-friendly materials

M300 Connectors

3.00mm Pitch High-Reliability Connectors

- ❖ Up to 10A or up to 5A per contact versions
- ❖ Resists shock at 100G and vibration at 10G, and extremes of temperature up to 175°C
- ❖ Choice of 3 contacts in single row, or 6 contacts in double row
- ❖ Cable-to-Cable, Cable-to-Board or Board-To-Board configurations
- ❖ Manufactured from environmentally-friendly materials



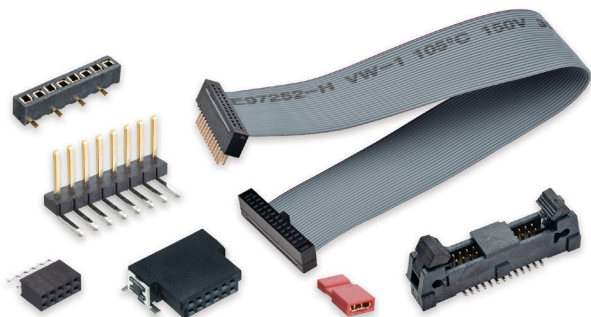
Datamate Connectors

2.00mm & 4.00mm Pitch High-Reliability Connectors

- ❖ 3A to 8.5A per contact achieved with high-performance 4 or 6 finger contacts
- ❖ Resists shock at 100G and vibration at 10G
- ❖ Latches or jackscrews provide secure connections
- ❖ Proven history in Aerospace, Industrial controls, Oil & Gas, etc.
- ❖ Ideal for COTS applications
- ❖ Mixed technology versions available with high power (40A) and coax (6GHz) variations

Harwin Europe
Portsmouth, Hampshire, UK
T: +44 (0) 23 9231 4545

E: technical@harwin.com
For free evaluation samples visit: www.harwin.com



Connectors

Industry Standard Connectors starting at 1.00mm Pitch

- ❖ Industry-standard Board-to-Board and Cable-To-Board connectors
- ❖ Pitch options from 1.00mm to 2.54mm
- ❖ IDC ribbon cable connectors and cable assemblies available
- ❖ Dual entry and surface mount options
- ❖ Complimentary range of Jumper sockets
- ❖ Archer Kontrol (1.27mm pitch) for additional rugged board-to-board industrial applications

Circular Connectors

Durable RoHS-Compliant Connectors to MIL-DTL-5015

- ❖ COTS alternative circular connectors for exposed Cable-to-Cable connections
- ❖ IP rated for environmental protection
- ❖ Rugged construction for durable performance
- ❖ Threaded and polarised coupling system; solder terminations
- ❖ Pin and Socket contacts can be specified in either side of mating connectors



PCB Sockets

PC Board and IC Package Sockets

- ❖ Individual turned sockets, modular strip and IC packages all utilising 4 and 6 finger contact clips
- ❖ Surface mount 2 and 3 finger contacts for ultra-low profile requirements
- ❖ Allows the user to make highly reliable connection between their PCB and a pluggable device
- ❖ Excellent reliability in extremes of temperature and vibration
- ❖ Proven track record in high-end applications



Spring Loaded Contacts

Test Probes and Turned Spring Contacts

- ❖ ATE Test probes for PCB test; variety of head styles, probe size and probe travel length for varied test requirements
- ❖ Individual Pogo Pins, utilising incorporated springs for maximum number of operational cycles



PCB Hardware

Accessories for PCB production and function

- ❖ Designers have a choice of connection and hardware solutions from stock
- ❖ Surface mount solutions for simplifying production processes and eliminating secondary operations
- ❖ Spacers available in a range of styles and materials with metric lengths and screw threads
- ❖ Removable and fixed links in throughboard and SMT styles

