

Rectangular Connectors Introduction

Durable, rugged double-row high performance connection systems, designed to meet the tough challenges of industrial application environments and cost requirements.

These rectangular connectors are supplied in a choice of contact pitches - 1.27mm pitch for board-to-board & cable-to-board (Archer Kontrol), or 2mm pitch for cable-to-board (M225 Series). Shrouded and polarized connector bodies help withstand lateral and twisting forces, and protect unmated connector contacts.

- ❖ Increased operating temperature range: -55°C to +125°C
- ❖ Stocked in depth across Harwin's authorized distributor network

Durable Industrial Rectangular Connectors provide an excellent connection system for a variety of demanding industrial environments.

- ❖ Industrial: factory and mobile machinery, control panels and sub-systems, drives, robotics and other automation
- ❖ Instrumentation: test equipment and portable hand-held devices
- ❖ Site Control: remote control devices, ground and machinery monitoring
- ❖ IOT installations, dataloggers, trackside monitoring equipment, vehicle control systems

Archer Kontrol

- ❖ Current rating of 1.2A per contact
- ❖ Vertical and Horizontal options in both male and female connectors - board-to-board connection for parallel/mezzanine with variable stacking heights, motherboard to daughterboard, or coplanar/edge-to-edge PCB layouts
- ❖ Ready-made IDC cable assemblies, double ended with latching female connectors

M225 Connectors

- ❖ Current rating of 3A per signal contact (all electrically loaded; 3.3A per individual contact)
- ❖ Cable-to-board connection, with vertical PCB mounted male
- ❖ Female crimp contacts on continuous strip for automated crimping
- ❖ Simple locking mechanism - push fixing pin fully home to expand and lock the rubber collar into the male connector

