

## 3M™ Mini Stack Connector Series

Less wiring time.  
Reduced board footprint.

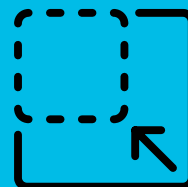
The 3M™ Mini Stack Connector Series may be small, but it's a tremendous time- and space-saving solution for sensor wiring in automated manufacturing equipment. It provides the simple, reliable termination process of an IDC, helping save as much as 60% in sensor wiring time vs. standard crimp-style connectors. Miniature wiremount sockets and boardmount headers also help reduce board footprint by 30% vs. the 3M™ Mini-Clamp Connector Series.

### 3M™ Mini Stack Connector Series includes:

- 3M™ Mini Stack Connector Wiremount Socket 3S5 Series
- 3M™ Mini Stack Connector Boardmount Header 3S6 Series
- 3M™ Mini Stack Connector Hand Tool
- 3M™ Mini Stack Connector Interface Unit 3ST Series
- 3M™ Mini Stack Connector Junction Header 3S8 Series

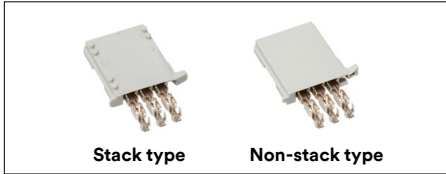


**60%**  
less wiring time



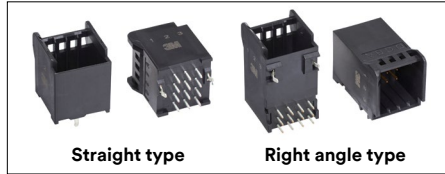
**30%**  
reduced board  
footprint

## 3M™ Mini Stack Connector Series: Make faster, more efficient connections in sensor wiring



### 3M™ Mini Stack Connector Wiremount Socket 3S5 Series

- Highly reliable double IDC termination
- No wire stripping
- Terminates 2 to 4 wires in single action
- Stackable into blocks of 3 or 4 for easy mating and unmating



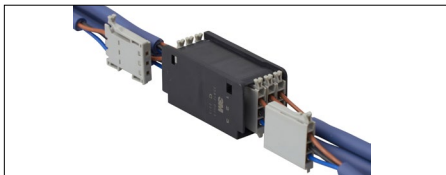
### 3M™ Mini Stack Connector Boardmount Header 3S6 Series

- Compact design helps reduce board footprint by 30% vs. 3M™ Mini-Clamp Connector Series
- Fixed tabs prevent lifting and secure board fixation
- Mates with up to 4 stacked wiremount sockets in one action
- Center latch makes it easy to unplug wiremount sockets



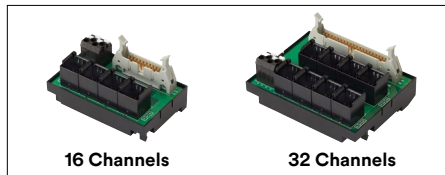
### 3M™ Mini Stack Connector Hand Tool

- Required tooling with the 3M Mini Stack Connector Series
- Enables IDC termination with 3M Mini Stack socket 3S5 series
- Compact and ergonomically designed



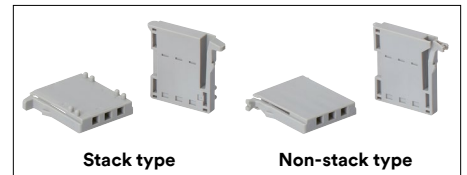
### 3M™ Mini Stack Connector Junction Header 3S8 Series

- Allows for streamlined cable extensions in sensor wiring
- Accepts 3M™ Mini Stack socket 3S5 series
- Panel mount type and free hanging type are available



### 3M™ Mini Stack Connector Interface Unit 3ST Series

- Consolidates multiple sensor connections into single cables
- Accepts 3M™ Mini Stack socket 3S5 series
- 16-channel and 32-channel units available
- Features on board discrete wire power and ground connections
- Vertical and horizontal DIN rail mounting without tools



### 3M™ Mini Stack Connector Dust Cover

- Occupies open ports, helping keep debris out of boardmount headers
- Incorporates into stacked blocks of 3M Mini Stack socket 3S5 series
- For use with less than four sockets

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