

# FiT Families

**molex**

Fully isolated contacts

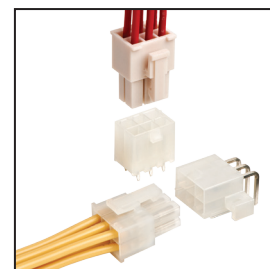
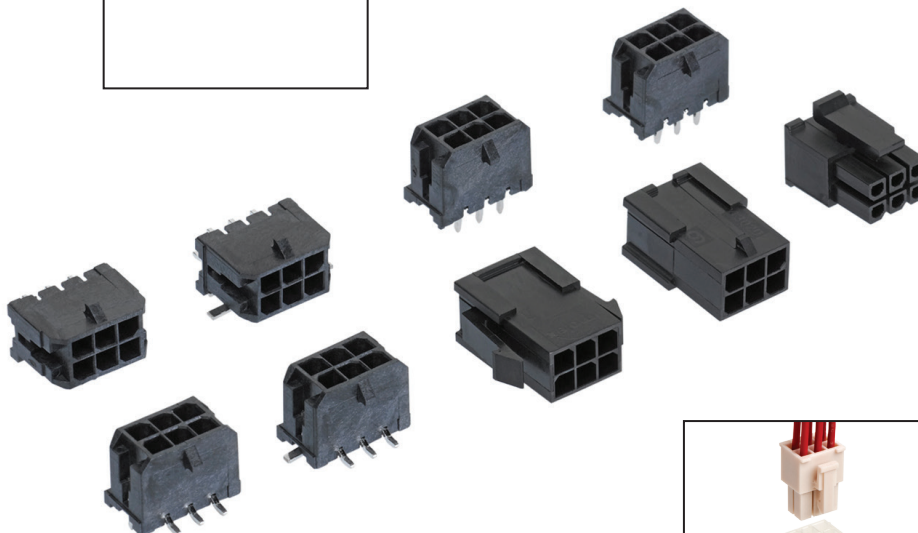
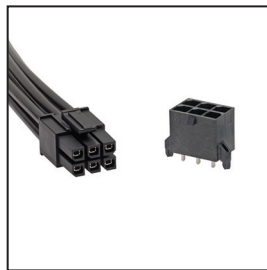
Positive locking

4+ points of contact

Scoop proof

Reflow capable headers

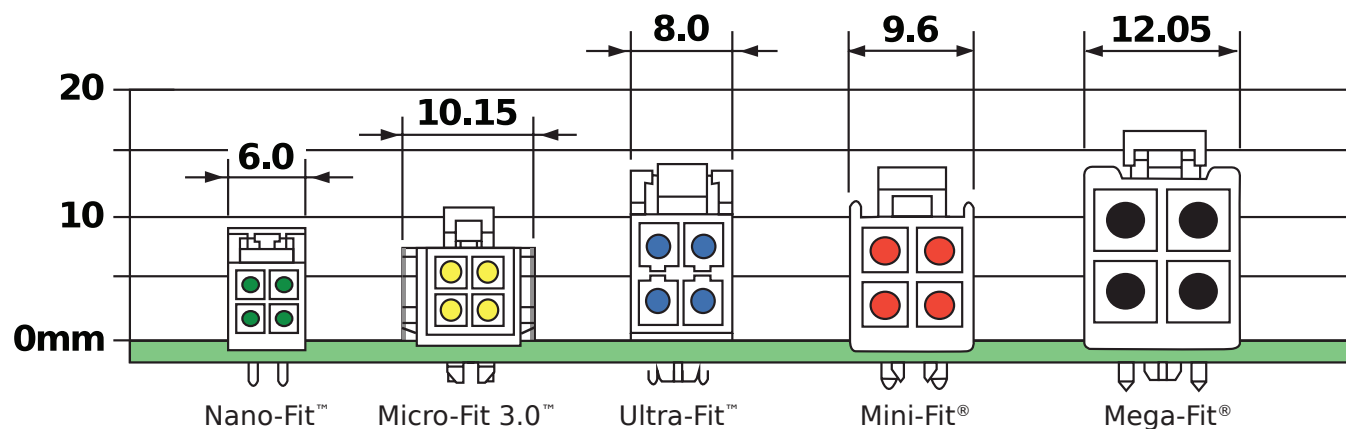
Polarized and keyed



## FiT Comparison

|                              | Nano-Fit™     | Micro-Fit 3.0™                                  | Ultra-Fit™    | Mini-Fit®                                       | Mega-Fit®                     |
|------------------------------|---------------|-------------------------------------------------|---------------|-------------------------------------------------|-------------------------------|
| <b>Pitch</b>                 | 2.50mm        | 3.00mm                                          | 3.50mm        | 4.20mm                                          | 5.70mm                        |
| <b>Style</b>                 | Wire-to-Board | Wire-to-Board<br>Wire-to-Wire<br>Board-to-Board | Wire-to-Board | Wire-to-Board<br>Wire-to-Wire<br>Board-to-Board | Wire-to-Board<br>Wire-to-Wire |
| <b>AWG Range</b>             | 20-26 AWG     | 18-30 AWG                                       | 16-22 AWG     | 16-28 AWG                                       | 12-16 AWG                     |
| <b>Current (max.)</b>        | 5.0A          | 7.0A                                            | 14.0A         | 13.0A                                           | 23.0A                         |
| <b>Voltage (max.)</b>        | 250V          | 300V                                            | 350V          | 600V                                            | 600V                          |
| <b>Surface Mount</b>         | Yes           | Yes                                             | No            | No                                              | No                            |
| <b>Glow Wire</b>             | Yes           | Yes                                             | Yes           | Yes                                             | Yes                           |
| <b>UL 94V-0</b>              | Yes           | Yes                                             | Yes           | Yes                                             | Yes                           |
| <b>TPA Retainer</b>          | Yes           | In Development                                  | Yes           | In Development                                  | In Development                |
| <b>Operating Temp (max.)</b> | +115°C        | +105°C                                          | +120°C        | +105°C                                          | +120°C                        |
| <b>Blind Mating</b>          | No            | Yes                                             | No            | Yes                                             | No                            |
| <b>Available</b>             | Q2/Q3 2015    | Yes                                             | Q2/Q3 2015    | Yes                                             | Yes                           |

## Dual Row, Right Angle - FiT Height and Width Comparison



## Dual Row, Vertical - FiT Mated Height Comparison

