

Minitek® Board-In 2.00mm & 2.50mm Connector

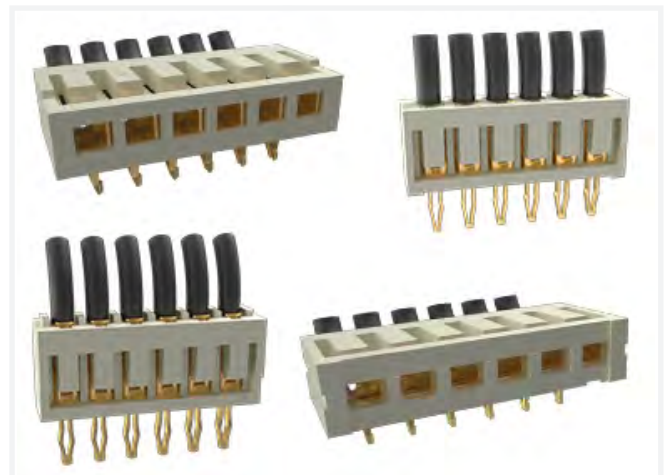
SINGLE PIECE FLEXIBLE SOLUTION FOR PERMANENT WIRE-TO-BOARD APPLICATIONS

Minitek® Board-In connector system is a flexible solution designed for economical and permanent wire-to-board applications up to 3A. It is a one-piece direct solder-to-board solution that provides space and cost savings compared to a two-piece connector system.

It is currently offered in 2-16 positions under 2.00mm and 2.50mm pitch sizes covering vertical and horizontal configurations.

Minitek® Board-In is ideal for applications in Consumer, Datacom, Industrial & Instrumentation and Automotive markets.

- One-piece direct solder-to board assembly available in 2.00mm and 2.50mm pitch
- Cost efficient



TARGET MARKETS



FEATURES

- Accepts standard through hole soldering methods
- One-piece direct solder-to board assembly
- Offered in two pitches and multiple circuit sizes
- Vertical and horizontal configuration
- Terminal and housing locking features

BENEFITS

- More reliable compared to hand soldering
- Provides space and cost saving compared to the two-piece connector system
- Design flexibility
- Suitable for applications with limited space
- Secure connection

TECHNICAL INFORMATION

MATERIAL

- Phosphor bronze for terminals
- Tin plating
- PA66 for housings
- Wire gauge from 22AWG to 26AWG

ELECTRICAL PERFORMANCE

- Operating Current Rating: 2 to 3Amps
- Operating Voltage Rating: 250V
- Crimped Contact Resistance: 10mΩ max.

MECHANICAL PERFORMANCE

- Terminal/Housing Retention Force: 9.8N min.
- Terminal Insertion Force: 9.8N max.

ENVIRONMENTAL

- Operating Temperature Range: -40°C to 105°C

APPROVALS & CERTIFICATION

- UL94V-0

PART NUMBERS

Description	Part Numbers
Minitek Board-In 2.00mm Right Angle Housing	10156612
Minitek Board-In 2.00mm Righth Angle Terminal	10156613
Minitek Board-In 2.00mm Vertical Housing	10156614
Minitek Board-In 2.00mm Vertical Terminal	10156615
Minitek Board-In 2.50mm Right Angle Housing	10156616
Minitek Board-In 2.50mm Righth Angle Terminal	10156617
Minitek Board-In 2.50mm Vertical Housing	10156618
Minitek Board-In 2.50mm Vertical Terminal	10156619

SPECIFICATIONS

- GS-12-1594
- GS-12-1595

PACKAGING

- Housing in bags
- Terminal on reel

TARGET MARKETS/APPLICATIONS



Infotainment
Lighting



Base Stations
Telekom Box
WiMax Box
Rack Box



Set Top Box
HVAC
White Goods
Home Entertainment



Servers
Desktops
HDD
Monitors



Factory Automation
Power Tools
Security Systems