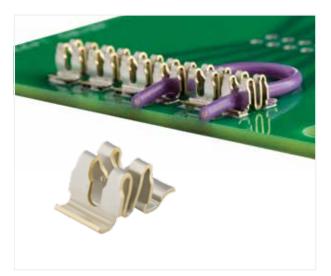
GRIPLET[®] Miniature IDC Connector for Wire-To-Board Terminations

OVERVIEW

FCI's new Griplet[®] connector offers a robust solution for miniature IDC Wire-To-Board connections. The low profile and compact design makes Griplet[®] an ideal connector where space is tight and ease of installation is important. Each connector has a height of 3.7mm and a footprint of 4.0mm x 6.1mm.

It is specially designed for a stackable pitch up to 12 positions, with common housings available to secure and protect terminated components. Griplet® offers a flexible solution with one part number accommodating multiple wire gauges. Redundant electrical connection points plus strain relief ensure stable operation through extreme temperature, shock, and vibration stresses.



FEATURES	BENEFITS
• Low profile / compact	 Connecting discrete wire components directly to the PCB when space is a constraint
	 Bringing power and signals onto a PCB
	Daisy chaining PCB to create continuous string of boards
	 Individual contacts can be located anywhere on the PCB
Four points of wire contact plus strain relief	Highly reliable connection
	 Enable harsh and industrial market applications with direct connection between individual wires and PCB
Accommodates multiple wire sizes	 Reduced total applied cost compared to solder or crimp processes
Break-off carrier strip	• 90° bend allows easy break away and removal
Post applied insulative housings	Custom-made housing for automatic Pick & Place
Multiple Terminal Delivery Options:	
Singulated in bags	 Manual application or Vibratory Bowl application
On Reel/ Continuous strip	Automated application
• Stitched on nitch within disposable Pick & Place	Customizable nitch

- Stitched on pitch within disposable Pick & Place carrier
- Customizable pitch

TECHNICAL INFORMATION

MATERIALS

- Copper Alloy
- Nickel / Tin Plated

ELECTRICAL PERFORMANCES

• 110-220 VAC Applications

ENVIRONMENTAL

Operating Temperature Range: - 40 °C to 125 °C

MECHANICAL PERFORMANCE

• Reparability: 3

PACKAGING

- Loose piece
- Terminals on reel
- Pick & Place carrier

TARGET MARKETS & APPLICATIONS

- Industrial & Instrumentation
 - Smart Meters
 - Thermostats
 - Automation Controls
 - Sensors
 - LED Lighting
 - White Goods
 - Automotive