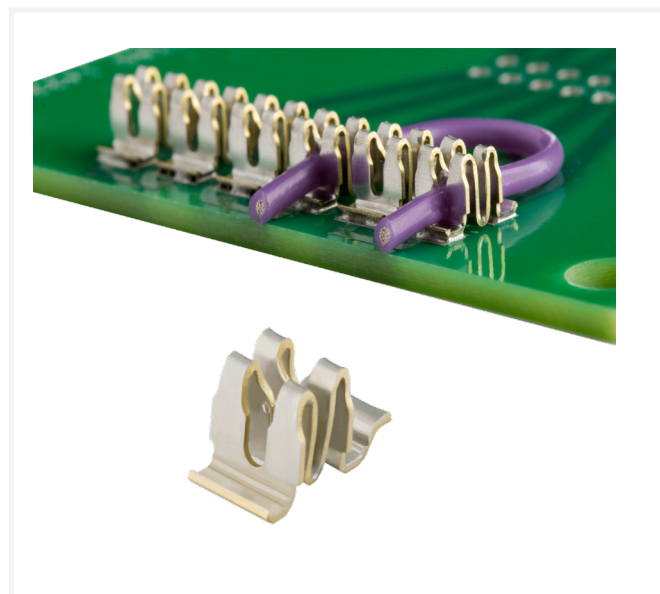


# Griplet® Miniature IDC Connector

## RELIABLE CONNECTION AND EASE OF INSTALLATION FOR WIRE-TO-BOARD TERMINATIONS

Amphenol ICC's Griplet® Miniature IDC Connector offers a robust solution for miniature IDC wire-to-board connections. Its low profile and compact design makes Griplet® an ideal connector where space is tight and ease of installation is important.

- Four points of wire contact plus strain relief ensures highly reliable connection
- Wire applied and insulated directly to a PCB to maximise cost efficiency
- Multiple wire sizes
  - from 30AWG to 20AWG
  - from 20AWG to 16AWG



### TARGET MARKETS



### FEATURES

- Accommodates multiple wire sizes from 30AWG-16AWG
- Four points of wire contact
- Accommodates multiple wire sizes
- Post applied insulative housings
- Multiple terminal delivery options:
  - On Reel/ Continuous strip
  - Stitched on pitch within disposable Pick & Place carrier

### BENEFITS

- Comprehensive solution for all application needs
- Ensures highly reliable connection
- Enables harsh and industrial market applications with direct connection between individual wires and PCB
- Reduced total applied cost compared to solder or crimp processes
- Custom-made housing for automatic Pick & Place
- Automated application
- Customizable pitch

## TECHNICAL INFORMATION

### MATERIAL

- Copper alloy
- Nickel/N Tin Pre-Plated

### MECHANICAL PERFORMANCE

- Reparability: 2
- Wire Gauge:
  - from 30AWG to 20AWG
  - from 20AWG to 16AWG

### ELECTRICAL PERFORMANCE

- Operating Current Rating: 1.5A to 15A max. (wire dependent), 30°C temperature rise

### ENVIRONMENTAL

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

### SPECIFICATIONS

- Product Specification: GS-12-1234

### PACKAGING

- Terminals on reel (30AWG to 20AWG only)
- Pick & Place carrier

### TOOLING INFORMATION

- Insertion tool:
  - 10131832 from 30AWG to 20AWG
  - 10151530 from 20AWG to 16AWG

### TARGET MARKETS/APPLICATIONS



Electric Vehicle  
Lighting  
Locomotives



Automation Control  
LED Lighting  
Sensor  
Smart Meter  
Thermostat  
White Goods

## PART NUMBERS

Description	Part Numbers 30AWG to 20AWG	Part Numbers 20AWG to 16AWG
Terminals on carrier strip on continuous reel	10127850-001LF	Not available
Terminals with pick up cap in Tape & Reel	10127850-101TRLF	10150494-101TRLF
Insertion Tool	10131832	10151530