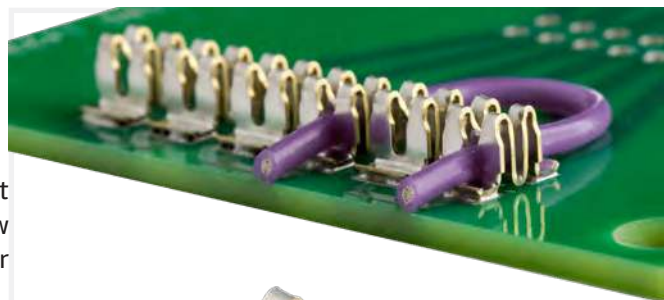


# Griplet® Miniature IDC Connector

## 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



### TARGET MARKETS



### FEATURES

- Accommodates multiple wire sizes from 30AWG–20AWG
- Four points of wire contact
- Accommodates multiple wire sizes
- Multiple terminal delivery options:
  - On Reel/ Continuous strip
  - Stitched on pitch within disposable Pick and Place carrier
- Automated application

### 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
- Customizable pitch

## TECHNICAL INFORMATION

### MATERIAL

- Copper alloy
- Nickel/N Tin Pre-Plated

### MECHANICAL PERFORMANCE

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

### ELECTRICAL PERFORMANCE

- Operating Current Rating: 1.5A to 8.5A 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
- Pick & Place carrier

### TOOLING INFORMATION

- Insertion tool: 30AWG to 20AWG

### 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
Terminals on carrier strip on continuous reel	10127850-001LF
Terminals with pick up cap in Tape & Reel	10127850-101TRLF
Insertion Tool	10131832