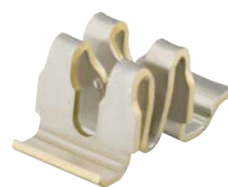
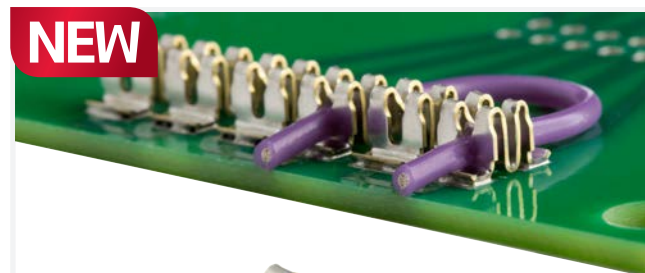


# Gripet® Miniature IDC Connector

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

Amphenol ICC's Gripet® Miniature IDC Connector offers a robust solution for miniature IDC Wire-To-Board connections. Each connector comes in 5mm pitch, has a 3.80mm profile and 4mm width. Its low profile and compact design makes Gripet® 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 30 to 20 AWG



### TARGET MARKETS



### FEATURES

- Accommodates multiple wire sizes from 30 to 20AWG
- Four points of wire contact plus strain relief
- Accommodates multiple wire size
- Break-off carrier strip
- Post applied insulative housings
- Multiple Terminal Delivery Options:
  - Singulated in bags
  - 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
- 90° bend allows easy break away and removal
- Custom-made housing for automatic Pick & Place
- Manual application or Vibratory Bowl application
- Automated application
- Customizable pitch

## TECHNICAL INFORMATION

### MATERIAL

- Copper Alloy
- Nickel/N Tin Pre-Plated

### MECHANICAL PERFORMANCE

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

### ELECTRICAL PERFORMANCE

- 110–220 VAC Applications

### ENVIRONMENTAL

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

### SPECIFICATIONS

- Product Specification: GS-12-1298

### PACKAGING

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

### TOOLING INFORMATION

- Insertion tool: 10131832

### TARGET MARKETS/APPLICATIONS



Electric Vehicle  
Lighting  
Locomotives



Automation Control  
LED Lighting  
Sensor  
Smart Meter  
Thermostat  
White Goods

## PART NUMBERS

Description	Part Numbers
Terminals on carrier strip on continuous reel	10127850-001LF
Single connector	10127850-101LF
Terminals without pick up cap in Tape & Reel	10127850-001TRLF
Terminals with pick up cap in Tape & Reel	10127850-101TRLF
Insertion Tool	10131832

#### Disclaimer

Please note that the above information is subject to change without notice.