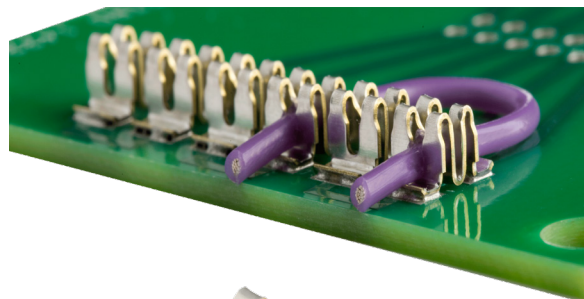


Griplet® Miniature IDC Connector

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

Mouser Electronics

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