

High Bandwidth Zero Insertion Force (ZIF) Connectors DLM-360 Series

ITT's Cannon Brand offers the only 360 pin count Zero Insertion Force (ZIF) connectors on the market today. The DLM-360 Series ZIF connector combines commercial grade materials and low crimping cost to provide a high performance, multiple-wire power and signal interconnect solution.

Design to support our customers multi-mating test equipment and test instrumentation, the DLM connectors features a minimum rated life of 10,000 mating cycles with no performance loss. In addition to the performance, the DLM-360 series allows for mated and unmated to be performed in less than two seconds.

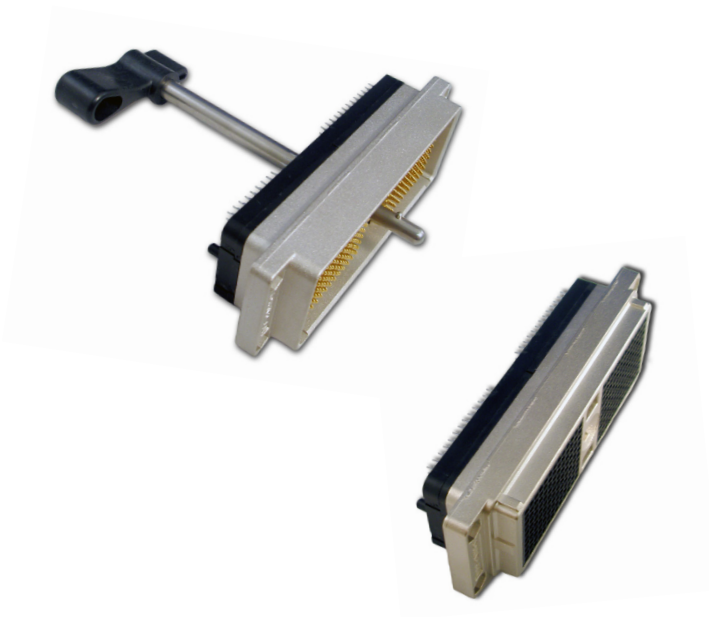
With the option of crimped PCB and wrappable hermaphroditic contact, that can be hand or machine terminated, the DLM ZIF connectors is an optimal low-cost-per-mated-line I/O solution.

The CANNON Difference:

- High density contact enables high-pin count connectors
- High mating cycles
- Rapid mating and unmating
- Custom pin count solution: 60, 96, 156, 260 or 360, contact positions
- Metal housing (EMI/RFI Shielding)
- Variety of contacts in Crimp, Square PCB Post, Square Wrap Post, Buss and PC/RC (Round PCB tail)
- Single Hand Actuation
- Short contact length minimizing signal transfer

Applications

- Semiconductor Test Instrumentation
- Automated Test Equipment (ATE)
- Multi-mating Test Equipment
- ECU Control Checker
- Medical Instrumentation
- Imaging Equipment
 - > MRI's
 - > Ultrasound



ITT Cannon Connectors

In addition to the DLM-360 Series, ITT's Cannon brand offers a wide range of interconnect solutions for test & measurement applications.

CA-Bayonet



- IP67 environmentally resistant
- Contacts ranging from 26 AWG to 1/0 AWG wire accommodation
- Available in RoHS compliant nickel and zinc cobalt platings
- Available in multiple shells styles including 90 degree end bells

D-Sub



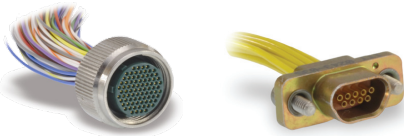
- Up to 104 contact positions
- Power contacts to 70 Amps
- High Voltage contacts to 700 VDC
- Standard, high density, double density versions
- High bandwidth Ethernet contacts

DL



- Zero insertion force connector
- Plastic body
- 60 to 260 pins contact
- 10,000 mating cycle
- Metal housing (EMI/RFI Shielding)
- Operating Voltage: 400 VAC

Micro Connectors



- Micro Density 1,27mm (.050") pitch #26 contacts
- 3 amp/contact current rating
- 7 to 85 position versions available
- Stainless and aluminum shell
- Rear grommet stress relief
- Cable assemblies available

QLC



- Over 65% smaller than DL Series
- Extended Insulator
- Audible & Tactile Systems for secure connection
- Minimum 20K mating cycles
- RoHS 260 pin configuration

Trident



- Interchangeable Stamped Contacts
- Bayonet Coupling
- Flammability rating I2/F2
- Rubber grommet enables IP 67 sealing
- Up to 250 VAC

Why ITT

ITT is a focused multi-industrial company that designs and manufactures highly engineered critical components and customized technology solutions.

ITT Interconnect Solutions' Cannon brand is a leading global manufacturer of connector products serving international customers in the aerospace and defense, medical, energy, transportation and industrial end markets. ITT's Interconnect Solutions business manufactures and supplies a variety of connectors and interconnects that make it possible to transfer data, signal and power in an increasingly connected world, including its VEAM and BIW Connector Systems brands.

Connect with your ITT Interconnect Solutions representative today or visit us at www.ittcannon.com

Americas

United States
666 E Dyer RD.
Santa Ana, CA 92705
Phone: +1.800.854.3208

Europe

Italy
Corso Europa 41/43
I - 20020 Lainate (MI) Italy
Phone: +39.02938721

Germany
Cannonstrasse 1
D - 71384 Weinstadt, Germany
Phone: +49.7151.699.0

Asia

Hong Kong
Unit 2405-6, 24/F, FWD Financial Centre,
308 Des Voeux Road Central, Hong Kong
Phone : +852 27322720