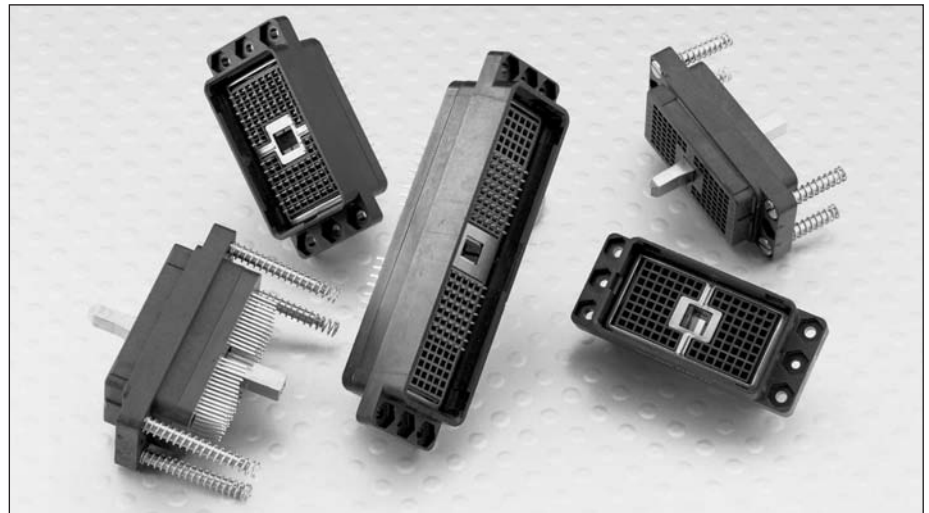


Cannon has combined Zero Insertion Force (ZIF) technology with remote electrical engagement. The DLD Drawer allows the movement of a drawer or panel to effortlessly mate/unmate the connector halves. As an example: electrical sub-systems can be easily removed for service, interchangeability, or portability.

The contacts in the DLD Drawer product line do not touch each other while the connector halves are mating. This unique ZIF technology, introduced in the Cannon DL series in the early 1970's, has time-tested proven reliability and durability.

Applications:

- Test & Instrumentation



 For more information: www.ittcannon.com/cat166

Product Features

- High pin count: 96 or 156 contact positions.
- Variety of contacts:
 - Crimp
 - Square PCB Post
 - Square Wrap Post
- Plastic housing.

Performance Specifications

Connector Durability	100,000 mating cycles min.
Contact Resistance	15 mΩ max. - Crimp/Square Post Contact 20 mΩ max. - Crimp #32 AWG to #30 AWG Contact
Contact Retention	35,585 N (8 lbs) min.
Contact Spacing	2,54 (.100) Square Grid
Contact Termination	Crimp; Square PCB Post; Square Wrap Post
Current Rating	5 A max. - Crimp/Square Post Contact
DWV	1200 V ac rms - Crimp/Square Post Contact
Insulation Resistance	5000 MΩ min.
Number of Contacts	96, 156
Operating Temperature	-55°C to 105°C (-67°F to 221°F)
Wire Accommodation	#42 AWG to #18 AWG

Materials and Finishes

Description	Material	Finish/Treatment
DLD1/2 Housing	Glass-filled Thermoplastic, UL 94V-1	Color: Black
Crimp Contact [†]	Copper Alloy	Engaging Area: 50 μ in. Gold over 50 μ in. Nickel Terminating End: Gold Flash
Crimp Contact [†]	Copper Alloy	Engaging Area: 20 μ in. Gold over 50 μ in. Nickel Terminating End: Tin-Lead
Square Post Contact	Copper Alloy	Engaging Area: 50 μ in. Gold over 50 μ in. Nickel Terminating End: Gold Flash
Square Post Contact	Copper Alloy	Engaging Area: 20 μ in. Gold over 50 μ in. Nickel Terminating End: Gold Flash
Insulator Retainer (Plug Only)	Stainless Steel	Passivated
Actuating Camshaft (Receptacle Only)	Stainless Steel	—
Spring Mounting Screw (Receptacle Only)	Stainless Steel	Passivated
Compression Spring (Receptacle Only)	Music Wire	Zinc

 Please contact your local Cannon representative: www.ittcannon.com/support/ContactUs

↔ Order crimp contacts separately.