



**Distributor of ITT Cannon, LLC: Excellent Integrated System Limited**  
Datasheet of MDM-51PH027F - D-Sub Connector Plug, Male Pins 51 Position Free Hanging  
(In-Line) Wire Leads

Contact us: [sales@integrated-circuit.com](mailto:sales@integrated-circuit.com) Website: [www.integrated-circuit.com](http://www.integrated-circuit.com)

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## **Excellent Integrated System Limited**

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[ITT Cannon, LLC](#)  
[MDM-51PH027F](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



Datasheet for part number MDM-51PH027F

Our Catalog Part Number: MDM-51PH027F
Brand: Cannon Product Category: Micro Product Line: Micros Series: MICRO

Product Datasheet	
Series	Micro "D" Metal Shell
Arrangement	51 Contact
Gender	Pin
Contact Material	gold plated copper alloy
Contact Typ	crimp
Contact Resistance	8 milliohms max.
Termination Type	3" Min, M16874/4 #26AWG, Colored Code
Shell Material	Aluminum
Shell Finish	Yellow Chromate/Cadmium over Nickel
Insulator Material	contact size 9 to100 = liquid crystalline polymer, contact arrangements 7C2 or 24C4 = Diallyl phthalate
Hardware	Float Mount
Coupling	Friction Coupling
Current Rating	3 A max.
Dielectric Withstanding Voltage	600 VAC at sea level 150 VAC at 70,00' altitude
Insulator Resistance	5000 megohms min.
Thermal Shock	-55°/+125°
Physical Shock	50 G's, 3 axes, 6 milisecond duration sawtooth pulse
Vibration	20G's, 10-2000 Hz. 12 hours
Durability	500 cycles of mating and unmating, 500 CPH max.
Moisture Resistance	Insulator resistance > 100 megohms
SaltSpray	48 hours