



**Distributor of ITT Cannon, LLC: Excellent Integrated System Limited**

Datasheet of M83513/03-B16N - MICRO 15C P /33 10CR 72" NI

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](#)  
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For any questions, you can email us directly:

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



Datasheet for part number M83513/03-B16N

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|---|
| Our Catalog Part Number: M83513/03-B16N                                       |
| Our Global Manufacturing Part Number: 154172-0023                             |
| Brand: Cannon Product Category: Micro Product Line: Micros Series: M83513-1-4 |

|                                 |   |
|---------------------------------|---|
| Product Datasheet               |   |
| Series                          | Micro D Metal Shell - 0.050 inch spacing  |
| Slash Sheet                     | Plug, Connector   |
| Arrangement                     | 15 Contact  |
| Contact Typ                     | Crimp   |
| Contact Material                | gold plated copper alloy  |
| Contact Resistance              | 8 milliohms max.  |
| Wire Length                     | 72 inch long, #26AWG per MIL-W-22759/33-26 Color Coded per MIL-STD-681, System 1, 10 colors repeating |
| Shell Material                  | Aluminum  |
| Shell Finish                    | Electroless Nickel  |
| Insulator                       | LCP   |
| Current Rating                  | 3 A max.  |
| Dielectric Withstanding Voltage | 600 VAC at sea level<br>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  |