



**Distributor of ITT Cannon, LLC: Excellent Integrated System Limited**  
Datasheet of MDM-31SCBR - D-Sub Connector Receptacle, Female Sockets 31 Position  
Through Hole, Right Angle Solder

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

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[ITT Cannon, LLC](#)  
[MDM-31SCBR](#)

For any questions, you can email us directly:

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



Datasheet for part number MDM-31SCBR

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| Our Catalog Part Number: MDM-31SCBR                                      |
| Our Global Manufacturing Part Number: 096519-0165                        |
| Brand: Cannon Product Category: Micro Product Line: Micros Series: MICRO |

| Product Datasheet               |  |
|---------------------------------|--|
| Series                          | Micro "D" Metal Shell  |
| Arrangement                     | 31 Contact   |
| Gender                          | Socket   |
| Contact Material                | gold plated copper alloy   |
| Contact Typ                     | crimp  |
| Contact Resistance              | 8 milliohms max.   |
| Termination Type                | Condensed Right Angle PCB Terminations   |
| Shell Material                  | Aluminum   |
| Shell Finish                    | Yellow Chromate/Cadmium over Nickel  |
| Insulator Material              | contact size 9 to100 = liquid crystalline polymer,<br>contact arrangements 7C2 or 24C4 = Diallyl phthalate |
| Hardware                        | no hardware  |
| PCB Hardware                    | no PCB mounting hardware   |
| Coupling                        | Friction Coupling  |
| 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   |