



## Datasheet for part number RMDM-21SCBRM7L61-F222

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|--------------------------------------------------------------------------|
| Our Catalog Part Number: RMDM-21SCBRM7L61-F222                           |
| Our Global Manufacturing Part Number: 096515-0963                        |
| Brand: Cannon Product Category: Micro Product Line: Micros Series: MICRO |

| Product Datasheet               |                                                                                                                |
|---------------------------------|----------------------------------------------------------------------------------------------------------------|
| Series                          | RoHs - Micro "D" Metal Shell                                                                                   |
| Arrangement                     | 21 Contact                                                                                                     |
| Gender                          | Socket                                                                                                         |
| Contact Material                | gold plated copper alloy                                                                                       |
| Contact Typ                     | crimp                                                                                                          |
| Contact Resistance              | 8 milliohms max.                                                                                               |
| Termination Type                | Condensed Right Angle PCB Terminations                                                                         |
| Termination                     | 0.125" Min, #25AWG                                                                                             |
| Shell Material                  | RoHs - Aluminum                                                                                                |
| Shell Finish                    | Nickel                                                                                                         |
| Insulator Material              | RoHs - contact size 9 to100 = liquid crystalline polymer, contact arrangements 7C2 or 24C4 = Diallyl phthalate |
| Hardware                        | Jackpost, M83513/5-07 - Style                                                                                  |
| PCB Hardware                    | no PCB mounting hardware                                                                                       |
| Coupling                        | Jackscrew 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°/+200°                                                                                                     |
| 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                                                                                                       |
| Disclaimer                      | Our facility is not currently certified by the DLA and this product is not covered by the QPL/QML.             |