



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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## Datasheet for part number MDM-37SSM5

|                                     |                         |                      |               |
|-------------------------------------|-------------------------|----------------------|---------------|
| Our Catalog Part Number: MDM-37SSM5 |                         |                      |               |
| Brand: Cannon                       | Product Category: Micro | Product Line: Micros | Series: MICRO |

| Product Datasheet               |                                                                                                            |
|---------------------------------|------------------------------------------------------------------------------------------------------------|
| Series                          | Micro "D" Metal Shell                                                                                      |
| Arrangement                     | 37 Contact                                                                                                 |
| Gender                          | Socket                                                                                                     |
| Contact Material                | gold plated copper alloy                                                                                   |
| Contact Typ                     | solder pot                                                                                                 |
| Contact Resistance              | 8 milliohms max.                                                                                           |
| Termination Type                | Solder pot to accept #26AWG max. harness wire                                                              |
| 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                        | Slot head jackscrew assembly, low profile                                                                  |
| 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°/+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                                                                                                   |
| Disclaimer                      | Our facility is not currently certified by the DLA and<br>this product is not covered by the QPL/QML.      |