



Datasheet for part number MDB1-7C2SH009K

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| Our Catalog Part Number: MDB1-7C2SH009K |
| Our Global Manufacturing Part Number: 096051-0043 |
| Brand: Cannon Product Category: Micro Product Line: Micros Series: MICRO |

| Product Datasheet | |
|---------------------------------|--|
| Series | Micro D Plastic Shell - 0.050 inch spacing |
| Arrangement | 5 Signal contacts, 2 coax contacts |
| Gender | Socket |
| Contact Material | Gold plated copper alloy |
| Contact Typ | Crimp |
| Contact Resistance | 8 milliohms max. |
| Termination Type | Coax contacts to accept RG178U wire |
| Shell Material | Glass-filled thermoset plastic |
| Insulator Material | Diallyl phthalate with mounting holes |
| Hardware | Jackscrew (standard) |
| Coupling | Jackscrew 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°C to +125°C |
| 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 |