



Datasheet for part number MDM-51SH041K-A174

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|--------------------------------------------|-------------------------|----------------------|---------------|
| Our Catalog Part Number: MDM-51SH041K-A174 | | | |
| Brand: Cannon | Product Category: Micro | Product Line: Micros | Series: MICRO |

| Product Datasheet | |
|---------------------------------|------------------------------------------------------------------------------------------------------------|
| Series | Micro "D" Metal Shell |
| Arrangement | 51 Contact |
| Gender | Socket |
| Contact Material | gold plated copper alloy |
| Contact Typ | crimp |
| Contact Resistance | 8 milliohms max. |
| Termination Type | 120" Min, M16874/4 #26AWG, Colored Code |
| Shell Material | Aluminum |
| Shell Finish | Electroless Nickel |
| Insulator Material | contact size 9 to100 = liquid crystalline polymer, contact arrangements 7C2 or 24C4 = Diallyl phthalate |
| 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°/+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 |