



Distributor of ITT Cannon, LLC: Excellent Integrated System Limited

Datasheet of MDM-31SH001K - MICRO 31 F 18" YEL JACKS

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

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Datasheet for part number MDM-31SH001K

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|--------------------------------------------------------------------------|
| Our Catalog Part Number: MDM-31SH001K |
| Our Global Manufacturing Part Number: 096519-0012 |
| 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 | 18" Min, M16874/4 #26AWG, Yellow |
| Shell Material | Aluminum |
| Shell Finish | Yellow Chromate/Cadmium over 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 |