



Datasheet for part number MDLM-31P6PS18B-F222

Our Catalog Part Number: MDLM-31P6PS18B-F222
Our Global Manufacturing Part Number: 154251-0011
Brand: Cannon Product Category: Micro Product Line: Micros Series: MICRO

Product Datasheet	
Series	Micro-D Metal Shell Low Profile - 0.50" Contact Spacing
Arrangement	31 Contact
Gender	Pin
Contact Material	gold plated copper alloy
Contact Type	Multiple indent crimp
Contact Resistance	8 milliohms max.
Contact Retention	5 lb. minimum axial load
Wire Gauge (AWG)	#26 Gauge (Standard)
Wire Type	Teflon(PTFE) Wire Per MIL-W-16878/4 (Standard)
Wire Color	Color Coded per MIL-STD-681, System 1
Wire Length (inches)	18 inches
Hardware	No hardware, Ø.091 Hole
Shell Material	6061-T6 Aluminum Alloy per QQ-A-200/8
Shell Finish	F222
Insulator Material	Liquid Crystalline Polymer per MIL-M-24519, Type GLCP-30F
Coupling	Friction/Jackscrews
Polarization	Keystone-shaped shells
Contact Spacing Centers	.050 (1.27)
Wire Size (Standard)	#25 Solid Wire, #26 Standard Wire
Current Rating	3A max.
Dielectric Withstanding Voltage	600 VAC at sea level 150 VAC at 70,000 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

Specifications and dimensions subject to change.