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: MDLM

Product Datasheet	
Series	MDLM-Low Profile
Contact Quantity	31
Contact Gender	Pin
Contact Material	Gold Plated Copper Alloy
Shell Style	Plug
Contact Term Type	Crimp
Contact Resistance	8 milliohms max.
Contact Retention	5 lb. minimum axial load
Wire Gauge	#26 Gauge
Wire Type	Teflon(PTFE) Wire Per MIL-W-16878/4
Wire Color	Color Coded pet MIL-STD-681, System 1
Length of Wire	18 inches
Hardware	No hardware, Ø.091 Hole
Shell Material	Metal Shell
Plating	Electroless Nickel (RoHS Compliant)
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	#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.
Operating Temperature	-55°/+200°
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
Salt Spray	48 hours
RoHS Compliant	Yes

Specifications and dimensions subject to change.

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