

Fujipoly Industries Gold 8000 Type B Connector

Category : Polymer , Thermoset , Silicone

Material Notes:

Gold 8000 elastomeric connector elements are D-shaped with low durometer silicone rubber cores around which flat metallic gold-plated conductors are vulcanized in a row parallel to each other. The tips of the metallic conductors are turned upward so that point contact can be effected; in addition, contact is made to the flat area when the connector element is positioned between two printed circuit contaminants which might be present on the surface oxides or contact pads, thus assuring reliable electrical connection on two planes. Information provided by Fujipoly Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_Fujipoly-Industries-Gold-8000-Type-B-Connector.php

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	125 Â°C	257 Â°F	
Minimum Service Temperature, Air	-20.0 Â°C	-4.00 Â°F	

Electrical Properties	Metric	English	Comments
Surface Resistance	<= 0.025 ohm	<= 0.025 ohm	Contact Resistance, 0.025" wide contact pads
Insulation Resistance	>= 1.00e+12 ohm	>= 1.00e+12 ohm	Between adjacent Conductive wire

Descriptive Properties	Value	Comments
Capacitance, PF	0.1	Per adjacent pad at 1 MHz and 0.100 height
Current Carrying Capacity	max 500 mA/wire	
Deflection, %	8 to 20	Recommended 10% to 15% of Original Height
Inductance, nH	min 7	Per adjacent pad at 1 MHz and 0.100 height

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