Ceramic Dielectric Fixed Capacitor - Page 1 of 2



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## Body Style:

W/o mtg facilities terminal (s) on one surface

### **Reliability Indicator:**

Established

### Reliability Failure Rate Level In Percent:

0.010

### **Terminal Length:**

1.250 inches

**Body Length:** 

0.100 inches

### Body Width:

0.100 inches

## Body Height:

0.100 inches

## Center To Center Distance Between Terminals Parallel To Length:

# 0.100 inches

Terminal Diameter:

0.016 inches

### Schematic Diagram Designator:

No common or grounded electrode (s)

### Insulation Resistance At Maximum Operating Temp:

10000.0 megohms

### Capacitance Value Per Section:

39.000 picofarads single section

### Nonderated Operating Temp:

Between -55.0 degrees celsius and 125.0 degrees celsius

### Tempurature Coefficient Of Capacitance Per Section In Ppm Per Deg Celsius:

0.0 single section

# Nonderated Continuous Voltage Rating And Type Per Section:

100.0 dc single section

# Tolerance Of Tempurature Coefficient Per Section In Ppm Per Deg Celsius:

-30.0/+30.0 single section

### **Tolerance Range Per Section:**

-2.00/+2.00 percent single section

### Case Material:

Plastic

# Insulation Resistance At Reference Temp:

100000.0 megohms

# Dissipation Factor At Reference Tempurature In Percent:

0.150

# **Terminal Surface Treatment:**

Solder



#### **Test Data Document:**

81349-mil-c-20 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

Terminal Type And Quantity: 2 uninsulated wire lead Specification Data: 81349-mil-c-20/47 government specification Shelf Life: N/a Unit Of Measure: --Demilitarization: No Fiig: A010b0