Plastic Dielectric Fixed Capacitor - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5910-01-107-5166

### Body Style:

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

#### **Reliability Indicator:**

Established

### Reliability Failure Rate Level In Percent:

1.0000

#### Terminal Length:

1.000 inches

#### **Body Length:**

0.500 inches

#### Body Width:

0.280 inches

#### Body Height:

0.125 inches

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

# 0.400 inches

**Terminal Diameter:** 

0.025 inches

## Schematic Diagram Designator:

No common or grounded electrode (s)

#### Internal Electrical Connection Type:

Extended foil

## Insulation Resistance At Maximum Operating Temp:

1000.0 megohms

#### Capacitance Value Per Section:

1800.000 picofarads single section

#### Nonderated Operating Temp:

Between -55.0 degrees celsius and 125.0 degrees celsius

#### Nonderated Continuous Voltage Rating And Type Per Section:

50.0 dc single section

## **Tolerance Range Per Section:**

-5.00/+5.00 percent single section

#### Case Material:

Plastic

## Insulation Resistance At Reference Temp:

500000.0 megohms

## Dissipation Factor At Reference Tempurature In Percent:

0.2500

#### **Terminal Surface Treatment:**

Solder

#### **Dielectric Material:**

Plastic



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

81349-mil-c-55514 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-55514/3 government specification

N/a

Unit Of Measure:

---

Demilitarization:

No

Fiig:

A010b0