

View Online at <https://aerobasegroup.com/nsn/5910-01-627-1194>

**Body Style:**

Chip type

**Reliability Indicator:**

Not established

**Terminal Length:**

0.010 inches

**Body Length:**

0.055 inches

**Body Width:**

0.055 inches

**Body Height:**

0.057 inches

**Schematic Diagram Designator:**

No common or grounded electrode (s)

**Section Quantity:**

1

**Capacitance Value Per Section:**

47.0 picofarads single section

**Nonderated Operating Temp:**

Between -55.0 degrees celsius and 125.0 degrees celsius

**Temperature Coefficient Of Capacitance Per Section In Ppm Per Deg Celsius:**

90.0 single section

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

250.0 dc single section

**Tolerance Of Temperature Coefficient Per Section In Ppm Per Deg Celsius:**

-55.0 to 125.0 single section

**Tolerance Range Per Section:**

-5.0 to 5.0 percent single section

**Case Material:**

Ceramic

**Product Name:**

Atc 100 a series porcelain superchip multilayer capacitor

**Special Features:**

Rohs comppliant; extended wvdc; quality factor (q): greater than 10, 000 at 1 mhz; low esr/esl; low noise; termination: gold plated over nickel barrier

**Precious Material And Location:**

Plating on terminals gold

**Terminal Type And Quantity:**

2 bonding pad

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A010b0