

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