



Technical Data Sheet

Part Number: AA101C103K4R

RoHS Compliant

SpinGuard[®] Product Line

Date: February, 2011

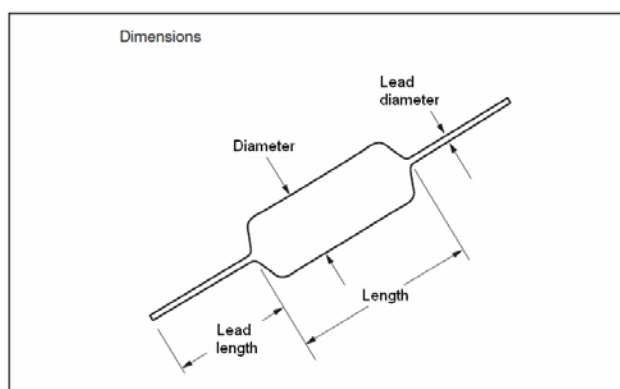
1.0 Electrical Characteristics : AA101C103K4R

| | |
|--|----------------|
| Capacitance @ 25 C, 1kHz, 1 Vrms | 0.0100 μ F |
| Capacitance Tolerance | +/- 10 % |
| Dissipation Factor @ 25 C | 2.5 % Max |
| Rated Voltage | 100 Vdc |
| Dielectric Withstand Voltage | 250 Vdc |
| Insulation Resistance @ 25 C @ Rated Voltage | 100000 Mohms |

2.0 Temperature Characteristics

X7R (-55 to + 125C
+/- 15% @ 0Vdc)

3.0 Capacitor Dimensions.



| Part Number | Length | Diameter | Lead Length | Lead Diameter |
|--------------|----------------|----------------|----------------------|--------------------|
| AA101C103K4R | 0.170" max | 0.100" max | 1.000" +/- .015 | .0177" +/- .002 |
| | 4.32 mm max | 2.54 mm max | 25.40 mm +/- 0.38 | .45 mm +/- 0.05 |

4.0 Lead Wire

| | |
|------------|---------------|
| Core | Steel |
| Plating | 200-300 u" Sn |
| Underlying | 40-60 u" Ni |

5.0 Marking Schemes:

First Line: Character 1.....: A for AVX
 Character 2.....: 1 for 100 volts
 Character 3.....: C for Temperature Characteristics

Second Line: Three digit Capacitance Code.

Third Line: Character 1.....: Capacitance Tolerance Code
 Characters 2-3.....: Two Digit Lot Code

Fourth Line: Three Digit Date Code.

6.0 Packaging.- Tape and Reel Ø 14" : 7500 pieces.

7.0 Part Numbering System

