



Technical Data Sheet

Part Number: AA301C104K4R

RoHS Compliant

SpinGuard[®] Product Line

Date: February, 2011

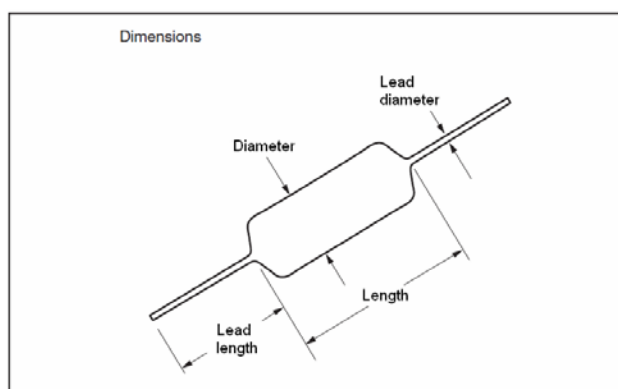
1.0 Electrical Characteristics : AA301C104K4R

Capacitance @ 25 C, 1kHz, 1 Vrms	0.100 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	10000 Mohms

2.0 Temperature Characteristics

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

3.0 Capacitor Dimensions.



Part Number	Length	Diameter	Lead Length	Lead Diameter
AA301C104K4R	0.290" max	0.150" max	1.000" +/- .015	.0177" +/- .002
	7.37 mm max	3.81 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

	AA30	1	C	104	K	4	R
Component Size	_____	_____	_____	_____	_____	_____	_____
Voltage Rating	_____	_____	_____	_____	_____	_____	_____
Temperature Characteristic Code	_____	_____	_____	_____	_____	_____	_____
Capacitance Code	_____	_____	_____	_____	_____	_____	_____
Capacitance Tolerance Code	_____	_____	_____	_____	_____	_____	_____
Failure Rate (4 = automotive)	_____	_____	_____	_____	_____	_____	_____
RoHS compliant	_____	_____	_____	_____	_____	_____	_____