



Technical Data Sheet

Part Number: SA102A3R3CAR

RoHS Compliant

SpinGuard[®] Product Line

Date: April, 2015

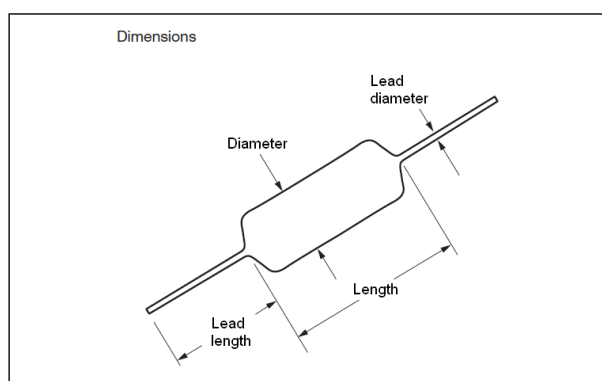
1.0 Electrical Characteristics : SA102A3R3CAR

Capacitance @ 25°C, 1 kHz, 1 Vrms	3.3pF
Capacitance Tolerance	±.25pF
Dissipation Factor @ 25°C	.21% Max
Rated Voltage	200 Vdc
Dielectric Withstand Voltage	500 Vdc
Insulation Resistance @ 25°C @ Rated Voltage	100000 Mohms

2.0 Temperature Characteristics

NP0 (-55°C to +125°C
0 ± 30 PPM /°C)

3.0 Capacitor Dimensions.



Part Number	Length	Diameter	Lead Length	Lead Diameter
SA102A3R3CAR	0.170" max	0.100" max	1.000" +/- .015	.0175" +/- .002
	4.32 mm max	2.54 mm max	25.40 mm +/- 0.38	.445 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.....: 2 for 200 volts
 Character 3.....: A for Temperature Characteristics

Second Line: Three digits 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, 7500 pieces.

7.0 Part Numbering System

	SA10	2	A	3R3	C	A	R
Component Size	_____	_____	_____	_____	_____	_____	_____
Voltage Rating	_____	_____	_____	_____	_____	_____	_____
Temperature Characteristic Code	_____	_____	_____	_____	_____	_____	_____
Capacitance Code	_____	_____	_____	_____	_____	_____	_____
Capacitance Tolerance Code	_____	_____	_____	_____	_____	_____	_____
Failure Rate (Not applicable)	_____	_____	_____	_____	_____	_____	_____
RoHS compliant	_____	_____	_____	_____	_____	_____	_____