

## Varnished Chokes

### Special Features

- High Q, high self-resonant frequency
- High voltage application on phenolic and ferrite components
- Universal wound
- Low cost
- Varnish coated
- Operating temperature:  
phenolic -55 to +125 °C;  
iron, ferrite -55 to +105 °C

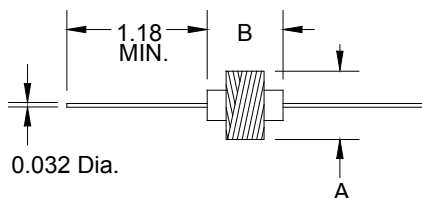
### Notes

\* Current to cause 35 °C max. temperature rise

† RoHS Directive 2002/95/EC Jan 27 2003 including Annex.

| 70F Series  |                |           |                     |                      |                  |                |                  |                    |                  |
|-------------|----------------|-----------|---------------------|----------------------|------------------|----------------|------------------|--------------------|------------------|
| Part Number | L (μH)<br>±5 % | Q<br>Min. | Test Freq.<br>(MHz) | SRF<br>(MHz)<br>Min. | DCR<br>Ω<br>Max. | I, DC*<br>(mA) | Dim.<br>A<br>Max | Dim.<br>B<br>±0.03 | Core<br>Material |
| 70F502AF-RC | 50,000         | 57        | 0.079               | 0.196                | 175              | 37             | 0.4              | 0.63               | Ferrite          |
| 70F101AF-RC | 100,000        | 48        | 0.079               | 0.157                | 278              | 29             | 0.44             | 0.63               | Ferrite          |

“-RC” suffix indicates RoHS compliance.



Dimensions: Inches

Specifications are subject to change without notice.  
Users should verify actual device performance in their specific applications.  
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