

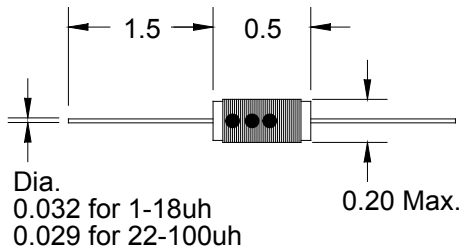
# Varnished RF Chokes

## Special Features

- High Q, high self-resonant frequency
- High voltage application on phenolic components
- Single layer wound
- Low cost
- Varnish coated
- Color dot identification
- Operating temperature: phenolic -55 to +125°C; iron -55 to +105°C

## Notes

- \* Current to cause 35°C maximum temperature rise



Dimensions: Inches

| 74F Series  |                |           |                     |                      |                  |                |               |
|-------------|----------------|-----------|---------------------|----------------------|------------------|----------------|---------------|
| Part Number | L (μH)<br>±20% | Q<br>Min. | Test Freq.<br>(MHz) | SRF<br>(MHz)<br>Min. | DCR<br>Ω<br>Max. | I, DC*<br>(mA) | Core Material |
| 74F106AP    | 1.0            | 45        | 7.96                | 190                  | 0.20             | 1000           | Phenolic      |
| 74F126AP    | 1.2            | 45        | 7.96                | 174                  | 0.22             | 950            | Phenolic      |
| 74F156AP    | 1.5            | 45        | 7.96                | 160                  | 0.25             | 900            | Phenolic      |
| 74F186AP    | 1.8            | 45        | 7.96                | 144                  | 0.28             | 850            | Phenolic      |
| 74F226AP    | 2.2            | 45        | 7.96                | 132                  | 0.30             | 800            | Phenolic      |
| ±10%        |                |           |                     |                      |                  |                |               |
| 74F276AP    | 2.7            | 45        | 7.96                | 119                  | 0.50             | 700            | Phenolic      |
| 74F336AP    | 3.3            | 45        | 7.96                | 108                  | 0.70             | 600            | Phenolic      |
| 74F396AP    | 3.9            | 45        | 7.96                | 101                  | 0.80             | 500            | Phenolic      |
| 74F476AP    | 4.7            | 50        | 7.96                | 91                   | 1.0              | 400            | Phenolic      |
| 74F566AP    | 5.6            | 50        | 7.96                | 83                   | 1.8              | 350            | Phenolic      |
| 74F686AP    | 6.8            | 50        | 7.96                | 75                   | 1.85             | 300            | Phenolic      |
| 74F826AP    | 8.2            | 50        | 7.96                | 68                   | 1.9              | 275            | Phenolic      |
| 74F105AP    | 10             | 50        | 7.96                | 62                   | 3.0              | 250            | Phenolic      |
| 74F125AP    | 12             | 30        | 2.52                | 57                   | 3.6              | 200            | Phenolic      |
| 74F155AP    | 15             | 30        | 2.52                | 51                   | 6.0              | 150            | Phenolic      |
| 74F185AP    | 18             | 30        | 2.52                | 46                   | 7.5              | 100            | Phenolic      |
| 74F225AI    | 22             | 85        | 2.52                | 28                   | 2.0              | 500            | Iron          |
| 74F275AI    | 27             | 80        | 2.52                | 26                   | 1.85             | 450            | Iron          |
| 74F335AI    | 33             | 80        | 2.52                | 24                   | 2.0              | 450            | Iron          |
| 74F395AI    | 39             | 90        | 2.52                | 21                   | 2.6              | 400            | Iron          |
| 74F475AI    | 47             | 90        | 2.52                | 19                   | 3.5              | 350            | Iron          |
| 74F565AI    | 56             | 90        | 2.52                | 18                   | 3.75             | 300            | Iron          |
| 74F685AI    | 68             | 90        | 2.52                | 17                   | 4.0              | 250            | Iron          |
| 74F825AI    | 82             | 100       | 2.52                | 15                   | 5.1              | 200            | Iron          |
| 74F104AI    | 100            | 100       | 2.52                | 14                   | 6.0              | 100            | Iron          |

Also available as RoHS compliant.