

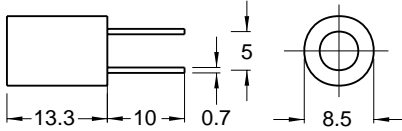
# Plugable Inductors



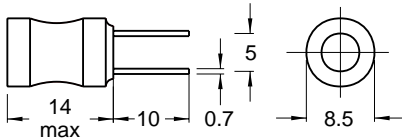
Series

RF (Type **09**) Plugable Coil

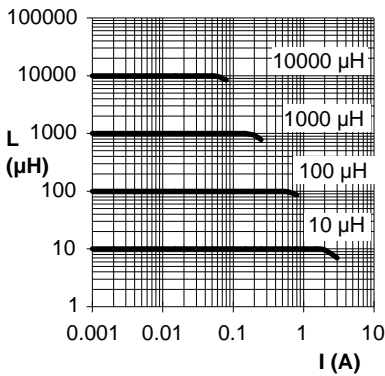
# 09P



**09P/F** with cap



**09P** with tube



## Delivery Form Code

- 50 - Loose packing
- 51 - Taped on reel

| Ordering Code | L<br>(μH) | f <sub>L</sub><br>(MHz) | Tol.<br>% | Q<br>min | f <sub>Q</sub><br>(MHz) | SRF<br>min<br>(MHz) | DC Res.<br>max<br>(Ω) | Rated<br>DC Current<br>(mA) | Material |
|---------------|-----------|-------------------------|-----------|----------|-------------------------|---------------------|-----------------------|-----------------------------|----------|
| 09P-100K-00   | 10        | 0.02                    | ± 10      | 70       | 2.52                    | 18.0                | 0.03                  | 2400                        | Ferrite  |
| 09P-150K-00   | 15        |                         |           | 50       |                         | 15.0                | 0.04                  | 2000                        |          |
| 09P-220K-00   | 22        |                         |           | 40       |                         | 12.0                | 0.05                  | 1650                        |          |
| 09P-330K-00   | 33        |                         |           | 30       |                         | 9.0                 | 0.08                  | 1350                        |          |
| 09P-470K-00   | 47        |                         |           | 30       |                         | 7.0                 | 0.10                  | 1100                        |          |
| 09P/F-680K-00 | 68        |                         |           | 6.0      |                         | 0.20                | 950                   |                             |          |
| 09P/F-101K-00 | 100       |                         |           | 0.796    | 40                      | 5.0                 | 0.30                  | 790                         |          |
| 09P/F-121K-00 | 120       |                         |           |          | 4.6                     | 0.35                | 720                   |                             |          |
| 09P/F-151K-00 | 150       |                         |           |          | 4.0                     | 0.40                | 650                   |                             |          |
| 09P/F-181K-00 | 180       |                         |           |          | 3.6                     | 0.45                | 580                   |                             |          |
| 09P/F-221K-00 | 220       |                         |           |          | 3.3                     | 0.50                | 530                   |                             |          |
| 09P/F-271K-00 | 270       |                         |           |          | 3.0                     | 0.60                | 500                   |                             |          |
| 09P/F-331K-00 | 330       |                         |           |          | 2.7                     | 1.0                 | 490                   |                             |          |
| 09P/F-391K-00 | 390       |                         |           |          | 2.5                     | 1.1                 | 460                   |                             |          |
| 09P/F-471K-00 | 470       |                         |           |          | 2.3                     | 1.3                 | 420                   |                             |          |
| 09P/F-561K-00 | 560       |                         |           |          | 2.0                     | 1.5                 | 400                   |                             |          |



# 09P

## Series

| Ordering Code | L<br>( $\mu$ H) | fL<br>(MHz) | Tol.<br>% | Q<br>min | fQ<br>(MHz) | SRF<br>min<br>(MHz) | DC Res.<br>max<br>( $\Omega$ ) | Rated<br>DC Current<br>(mA) | Material |
|---------------|-----------------|-------------|-----------|----------|-------------|---------------------|--------------------------------|-----------------------------|----------|
| 09P/F-681K-00 | 680             | 0.02        | $\pm 10$  | 35       | 0.796       | 1.9                 | 1.9                            | 350                         | Ferrite  |
| 09P/F-821K-00 | 820             |             |           |          |             | 1.7                 | 2.2                            | 310                         |          |
| 09P/F-102J-00 | 1000            |             |           |          |             | 1.6                 | 2.6                            | 280                         |          |
| 09P/F-122J-00 | 1200            |             | 1.4       | 3.0      | 250         |                     |                                |                             |          |
| 09P/F-152J-00 | 1500            |             | 1.2       | 5.1      | 220         |                     |                                |                             |          |
| 09P/F-182J-00 | 1800            |             | 1.1       | 5.6      | 200         |                     |                                |                             |          |
| 09P/F-222J-00 | 2200            |             | 1.0       | 7.0      | 180         |                     |                                |                             |          |
| 09P/F-272J-00 | 2700            |             | 0.9       | 8.0      | 170         |                     |                                |                             |          |
| 09P/F-332J-00 | 3300            |             | 0.80      | 9.0      | 150         |                     |                                |                             |          |
| 09P/F-392J-00 | 3900            |             | 0.75      | 10.0     | 140         |                     |                                |                             |          |
| 09P/F-472J-00 | 4700            |             | 0.65      | 11.5     | 130         |                     |                                |                             |          |
| 09P/F-562J-00 | 5600            |             | $\pm 5$   | 70       | 0.63        | 15.0                | 120                            |                             |          |
| 09P/F-682J-00 | 6800            |             |           |          | 0.57        | 17.0                | 110                            |                             |          |
| 09P/F-822J-00 | 8200            |             |           |          | 0.50        | 20.0                | 100                            |                             |          |
| 09P/F-103J-00 | 10000           |             |           |          | 0.41        | 35.0                | 90                             |                             |          |
| 09P/F-123J-00 | 12000           |             |           |          | 0.38        | 40.0                | 80                             |                             |          |
| 09P/F-153J-00 | 15000           |             |           |          | 0.35        | 45.0                | 70                             |                             |          |
| 09P/F-183J-00 | 18000           | 0.34        |           |          | 50.0        | 65                  |                                |                             |          |
| 09P/F-223J-00 | 22000           | 0.079       | 0.30      | 58.0     | 60          |                     |                                |                             |          |
| 09P/F-273J-00 | 27000           |             | 0.29      | 70.0     | 55          |                     |                                |                             |          |
| 09P/F-333J-00 | 33000           |             | 0.26      | 75.0     | 50          |                     |                                |                             |          |

09P/F with cap 09P with tube