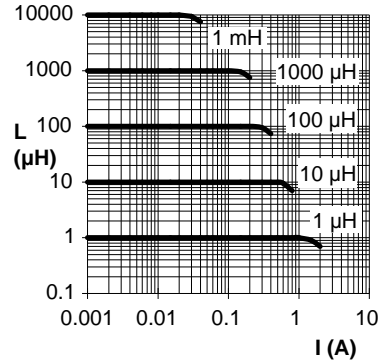
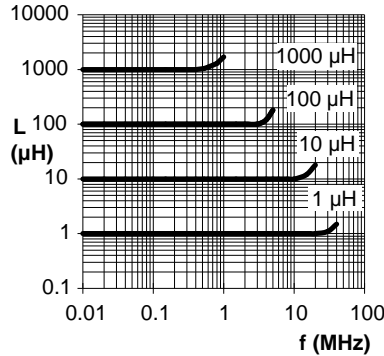
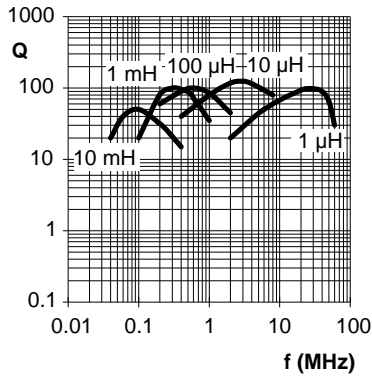
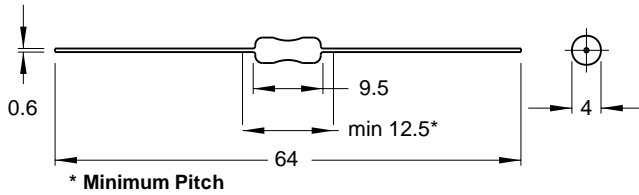


## Series

## SMall Choke Coil

# SMCC SMCC/N



| Ordering Code | L<br>(µH) | SMCC                    | SMCC/N                  | Tol.<br>(%) | Q<br>min | f <sub>a</sub><br>(MHz) | SRF<br>min<br>(MHz) | DC Res<br>max<br>(W) | Rated<br>DC Current<br>(mA) | Material    |
|---------------|-----------|-------------------------|-------------------------|-------------|----------|-------------------------|---------------------|----------------------|-----------------------------|-------------|
|               |           | f <sub>L</sub><br>(MHz) | f <sub>L</sub><br>(MHz) |             |          |                         |                     |                      |                             |             |
| SMCC-R10M-00  | 0.10      | 1.0                     | 25.2                    | ±20         | 45       | 25.2                    | 380                 | 0.08                 | 1600                        | 1) Phenolic |
| SMCC-R12M-00  | 0.12      |                         |                         |             |          |                         |                     |                      |                             |             |
| SMCC-R15M-00  | 0.15      |                         |                         |             |          |                         |                     |                      |                             |             |
| SMCC-R18M-00  | 0.18      |                         |                         |             |          |                         |                     |                      |                             |             |
| SMCC-R22M-00  | 0.22      |                         |                         |             |          |                         |                     |                      |                             |             |
| SMCC-R27M-00  | 0.27      |                         |                         |             |          |                         |                     |                      |                             |             |
| SMCC-R33M-00  | 0.33      |                         |                         |             |          |                         |                     |                      |                             |             |
| SMCC-R39M-00  | 0.39      |                         |                         |             |          |                         |                     |                      |                             |             |
| SMCC-R47M-00  | 0.47      |                         |                         |             |          |                         |                     |                      |                             |             |
| SMCC-R56M-00  | 0.56      |                         |                         |             |          |                         |                     |                      |                             |             |
| SMCC-R68M-00  | 0.68      |                         |                         |             |          |                         |                     |                      |                             |             |
| SMCC-R82M-00  | 0.82      |                         |                         |             |          |                         |                     |                      |                             |             |
| SMCC-1R0K-00  | 1.00      |                         |                         |             |          |                         |                     |                      |                             |             |
| SMCC-1R2K-00  | 1.20      |                         |                         |             |          |                         |                     |                      |                             |             |
| SMCC-1R5K-00  | 1.50      |                         |                         |             |          |                         |                     |                      |                             |             |
| SMCC-1R8K-00  | 1.80      |                         |                         |             |          |                         |                     |                      |                             |             |
| SMCC-2R2K-00  | 2.20      |                         |                         |             |          |                         |                     |                      |                             |             |
| SMCC-2R7K-00  | 2.70      |                         |                         |             |          |                         |                     |                      |                             |             |
| SMCC-3R3K-00  | 3.30      |                         |                         |             |          |                         |                     |                      |                             |             |
| SMCC-3R9K-00  | 3.90      |                         |                         |             |          |                         |                     |                      |                             |             |
| SMCC-4R7K-00  | 4.70      | 60                      | ±10                     | 7.96        | 95.0     | 0.34                    | 820                 |                      |                             |             |
| SMCC-5R6K-00  | 5.60      |                         |                         |             |          |                         |                     | 85.0                 | 0.38                        | 780         |

1) Low Cost version available in ferrite material



# RF - Inductors

Series

SMCC  
SMCC/N

| Ordering Code | L<br>( $\mu$ H) | SMCC                    | SMCC/N                  | Tol.<br>(%) | Q<br>min | f <sub>Q</sub><br>(MHz) | SRF<br>min<br>(MHz) | DC Res<br>max<br>(W) | Rated<br>DC Current<br>(mA) | Material |      |      |     |
|---------------|-----------------|-------------------------|-------------------------|-------------|----------|-------------------------|---------------------|----------------------|-----------------------------|----------|------|------|-----|
|               |                 | f <sub>L</sub><br>(MHz) | f <sub>L</sub><br>(MHz) |             |          |                         |                     |                      |                             |          |      |      |     |
| SMCC-6R8K-00  | 6.80            | 1.0                     | 7.96                    | $\pm 10$    | 65       | 7.96                    | 75.0                | 0.51                 | 670                         | Ferrite  |      |      |     |
| SMCC-8R2K-00  | 8.20            |                         |                         |             |          |                         | 50.0                | 0.48                 | 690                         |          |      |      |     |
| SMCC-100K-00  | 10.0            |                         |                         |             |          |                         | 35.0                | 0.49                 | 680                         |          |      |      |     |
| SMCC-120K-00  | 12.0            |                         |                         |             |          |                         | 252                 | 50                   | 2.52                        |          | 30.0 | 0.55 | 650 |
| SMCC-150K-00  | 15.0            |                         |                         |             |          |                         |                     |                      |                             |          | 20.0 | 0.60 | 610 |
| SMCC-180K-00  | 18.0            |                         |                         |             |          |                         |                     |                      |                             |          | 17.0 | 0.67 | 580 |
| SMCC-220K-00  | 22.0            |                         |                         |             |          |                         |                     |                      |                             |          | 13.0 | 0.74 | 560 |
| SMCC-270K-00  | 27.0            |                         |                         |             |          |                         |                     |                      |                             |          | 10.0 | 0.83 | 530 |
| SMCC-330K-00  | 33.0            |                         |                         |             |          |                         |                     |                      |                             |          | 9.00 | 0.92 | 500 |
| SMCC-390K-00  | 39.0            |                         |                         |             |          |                         |                     |                      |                             |          | 8.00 | 1.02 | 470 |
| SMCC-470J-00  | 47.0            | 7.50                    | 1.10                    | 450         |          |                         |                     |                      |                             |          |      |      |     |
| SMCC-560J-00  | 56.0            | 7.00                    | 1.23                    | 430         |          |                         |                     |                      |                             |          |      |      |     |
| SMCC-680J-00  | 68.0            | 6.50                    | 1.35                    | 410         |          |                         |                     |                      |                             |          |      |      |     |
| SMCC-820J-00  | 82.0            | 6.00                    | 1.54                    | 390         |          |                         |                     |                      |                             |          |      |      |     |
| SMCC-101J-00  | 100             | 5.00                    | 1.70                    | 370         |          |                         |                     |                      |                             |          |      |      |     |
| SMCC-121J-00  | 120             | 0.02                    | 0.79                    | $\pm 5$     | 70       | 0.79                    | 4.50                | 2.40                 | 300                         |          |      |      |     |
| SMCC-151J-00  | 150             |                         |                         |             |          |                         | 4.20                | 2.80                 | 280                         |          |      |      |     |
| SMCC-181J-00  | 180             |                         |                         |             |          |                         | 3.90                | 3.00                 | 270                         |          |      |      |     |
| SMCC-221J-00  | 220             |                         |                         |             |          |                         | 3.70                | 3.30                 | 250                         |          |      |      |     |
| SMCC-271J-00  | 270             |                         |                         |             |          |                         | 2.80                | 5.70                 | 200                         |          |      |      |     |
| SMCC-331J-00  | 330             |                         |                         |             |          |                         | 2.70                | 6.40                 | 190                         |          |      |      |     |
| SMCC-391J-00  | 390             |                         |                         |             |          |                         | 2.40                | 7.00                 | 180                         |          |      |      |     |
| SMCC-471J-00  | 470             |                         |                         |             |          |                         | 2.20                | 7.90                 | 170                         |          |      |      |     |
| SMCC-561J-00  | 560             |                         |                         |             |          |                         | 2.00                | 8.80                 | 160                         |          |      |      |     |
| SMCC-681J-00  | 680             |                         |                         |             |          |                         | 1.90                | 10.0                 | 150                         |          |      |      |     |
| SMCC-821J-00  | 820             | 1.60                    | 12.0                    | 140         |          |                         |                     |                      |                             |          |      |      |     |
| SMCC-102J-00  | 1000            | 0.25                    | 0.25                    | 50          | 40       | 0.25                    | 1.60                | 14.0                 | 130                         |          |      |      |     |
| SMCC-122J-00  | 1200            |                         |                         |             |          |                         | 1.30                | 16.9                 | 115                         |          |      |      |     |
| SMCC-152J-00  | 1500            |                         |                         |             |          |                         | 1.25                | 21.6                 | 100                         |          |      |      |     |
| SMCC-182J-00  | 1800            |                         |                         |             |          |                         | 1.20                | 24.0                 | 95                          |          |      |      |     |
| SMCC-222J-00  | 2200            |                         |                         |             |          |                         | 1.10                | 34.7                 | 80                          |          |      |      |     |
| SMCC-272J-00  | 2700            |                         |                         |             |          |                         | 1.00                | 40.0                 | 75                          |          |      |      |     |
| SMCC-332J-00  | 3300            |                         |                         |             |          |                         | 0.90                | 59.5                 | 62                          |          |      |      |     |
| SMCC-392J-00  | 3900            |                         |                         |             |          |                         | 0.80                | 66.0                 | 59                          |          |      |      |     |
| SMCC-472J-00  | 4700            |                         |                         |             |          |                         | 0.70                | 74.0                 | 55                          |          |      |      |     |
| SMCC-562J-00  | 5600            |                         |                         |             |          |                         | 0.55                | 70.0                 | 40                          |          |      |      |     |
| SMCC-682J-00  | 6800            | 0.50                    | 85.0                    | 35          |          |                         |                     |                      |                             |          |      |      |     |
| SMCC-822J-00  | 8200            | 0.40                    | 95.0                    | 30          |          |                         |                     |                      |                             |          |      |      |     |
| SMCC-103J-00  | 10000           | 0.35                    | 105.0                   | 25          |          |                         |                     |                      |                             |          |      |      |     |