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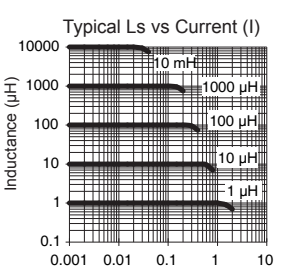
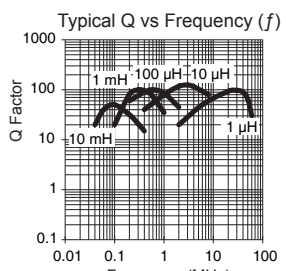
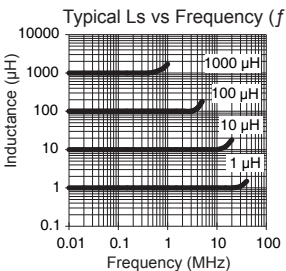
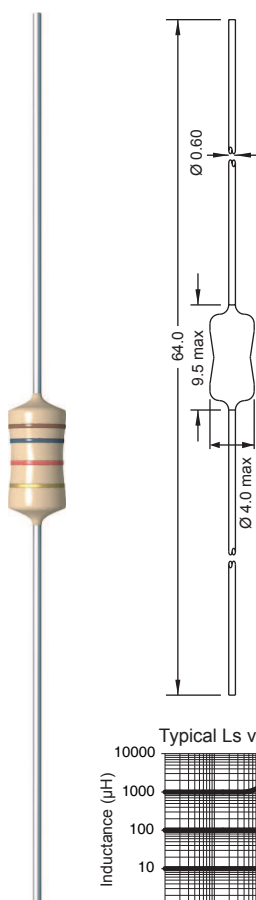
**EN:** This Datasheet is presented by the manufacturer.

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# SMCC, SMCC/N<sup>RU</sup>

Similar to moulded CCSS



SPQ :

| Packing Form | Taped / Reel     |
|--------------|------------------|
| Axial        | 3500 [-01]       |
| Radial       | 1500 [-31]       |
|              | Taped / Ammopack |
| Axial        | 1200 [-02]       |
| Radial       | 2500 [-32]       |

Remark: Difference of SMCC and SMCC/N is that for SMCC/N fL = fQ

| Part No      | Inductance<br>L (μH) | SMCC<br>fL<br>(MHz) | SMCC/N<br>fL<br>(MHz) | Tol<br>± (%) | Q<br>min | fa<br>(MHz) | SRF<br>min<br>(MHz) | DCR<br>max<br>(Ω) | Rated DC<br>Current<br>(mA) | Core<br>Material |
|--------------|----------------------|---------------------|-----------------------|--------------|----------|-------------|---------------------|-------------------|-----------------------------|------------------|
|              |                      |                     |                       |              |          |             |                     |                   |                             |                  |
| SMCC-R10X-YY | 0.10                 | 1                   | 25.2                  | 10,20        | 45       | 25.2        | 380                 | 0.08              | 1600                        | Phenolic         |
| SMCC-R12X-YY | 0.12                 | 1                   | 25.2                  | 10,20        | 45       | 25.2        | 360                 | 0.10              | 1550                        | Phenolic         |
| SMCC-R15X-YY | 0.15                 | 1                   | 25.2                  | 10,20        | 45       | 25.2        | 340                 | 0.10              | 1500                        | Phenolic         |
| SMCC-R18X-YY | 0.18                 | 1                   | 25.2                  | 10,20        | 45       | 25.2        | 320                 | 0.10              | 1480                        | Phenolic         |
| SMCC-R22X-YY | 0.22                 | 1                   | 25.2                  | 10,20        | 45       | 25.2        | 300                 | 0.10              | 1450                        | Phenolic         |
| SMCC-R27X-YY | 0.27                 | 1                   | 25.2                  | 10,20        | 45       | 25.2        | 270                 | 0.11              | 1400                        | Phenolic         |
| SMCC-R33X-YY | 0.33                 | 1                   | 25.2                  | 10,20        | 45       | 25.2        | 250                 | 0.12              | 1350                        | Phenolic         |
| SMCC-R39X-YY | 0.39                 | 1                   | 25.2                  | 10,20        | 45       | 25.2        | 230                 | 0.13              | 1300                        | Phenolic         |
| SMCC-R47X-YY | 0.47                 | 1                   | 25.2                  | 10,20        | 45       | 25.2        | 220                 | 0.14              | 1280                        | Phenolic         |
| SMCC-R56X-YY | 0.56                 | 1                   | 25.2                  | 10,20        | 45       | 25.2        | 210                 | 0.15              | 1240                        | Phenolic         |
| SMCC-R68X-YY | 0.68                 | 1                   | 25.2                  | 10,20        | 45       | 25.2        | 200                 | 0.16              | 1230                        | Phenolic         |
| SMCC-R82X-YY | 0.82                 | 1                   | 25.2                  | 10,20        | 45       | 25.2        | 190                 | 0.17              | 1210                        | Phenolic         |
| SMCC-1R0X-YY | 1.0                  | 1                   | 7.96                  | 5,10,20      | 45       | 7.96        | 205                 | 0.16              | 1200                        | Ferrite          |
| SMCC-1R2X-YY | 1.2                  | 1                   | 7.96                  | 5,10,20      | 50       | 7.96        | 185                 | 0.18              | 1150                        | Ferrite          |
| SMCC-1R5X-YY | 1.5                  | 1                   | 7.96                  | 5,10,20      | 50       | 7.96        | 165                 | 0.20              | 1100                        | Ferrite          |
| SMCC-1R8X-YY | 1.8                  | 1                   | 7.96                  | 5,10,20      | 55       | 7.96        | 155                 | 0.22              | 1030                        | Ferrite          |
| SMCC-2R2X-YY | 2.2                  | 1                   | 7.96                  | 5,10,20      | 55       | 7.96        | 140                 | 0.25              | 1000                        | Ferrite          |
| SMCC-2R7X-YY | 2.7                  | 1                   | 7.96                  | 5,10,20      | 60       | 7.96        | 125                 | 0.26              | 940                         | Ferrite          |
| SMCC-3R3X-YY | 3.3                  | 1                   | 7.96                  | 5,10,20      | 60       | 7.96        | 115                 | 0.29              | 900                         | Ferrite          |
| SMCC-3R9X-YY | 3.9                  | 1                   | 7.96                  | 5,10,20      | 60       | 7.96        | 105                 | 0.31              | 850                         | Ferrite          |
| SMCC-4R7X-YY | 4.7                  | 1                   | 7.96                  | 5,10,20      | 60       | 7.96        | 95                  | 0.34              | 820                         | Ferrite          |
| SMCC-5R6X-YY | 5.6                  | 1                   | 7.96                  | 5,10,20      | 60       | 7.96        | 85                  | 0.38              | 780                         | Ferrite          |
| SMCC-6R2X-YY | 6.2                  | 1                   | 7.96                  | 5,10,20      | 65       | 7.96        | 75                  | 0.61              | 670                         | Ferrite          |
| SMCC-6R8X-YY | 6.8                  | 1                   | 7.96                  | 5,10,20      | 65       | 7.96        | 75                  | 0.51              | 670                         | Ferrite          |
| SMCC-8R2X-YY | 8.2                  | 1                   | 7.96                  | 5,10,20      | 65       | 7.96        | 50                  | 0.48              | 690                         | Ferrite          |
| SMCC-100X-YY | 10                   | 1                   | 7.96                  | 5,10,20      | 65       | 7.96        | 35                  | 0.49              | 680                         | Ferrite          |
| SMCC-120X-YY | 12                   | 0.02                | 2.52                  | 5,10,20      | 50       | 2.52        | 30                  | 0.55              | 650                         | Ferrite          |
| SMCC-150X-YY | 15                   | 0.02                | 2.52                  | 5,10,20      | 50       | 2.52        | 20                  | 0.6               | 610                         | Ferrite          |
| SMCC-180X-YY | 18                   | 0.02                | 2.52                  | 5,10,20      | 50       | 2.52        | 17                  | 0.67              | 580                         | Ferrite          |
| SMCC-200X-YY | 20                   | 0.02                | 2.52                  | 5,10,20      | 50       | 2.52        | 13                  | 0.74              | 560                         | Ferrite          |
| SMCC-220X-YY | 22                   | 0.02                | 2.52                  | 5,10,20      | 50       | 2.52        | 13                  | 0.74              | 560                         | Ferrite          |
| SMCC-270X-YY | 27                   | 0.02                | 2.52                  | 5,10,20      | 55       | 2.52        | 10                  | 0.83              | 530                         | Ferrite          |
| SMCC-300X-YY | 30                   | 0.02                | 2.52                  | 5,10,20      | 55       | 2.52        | 9.00                | 0.92              | 500                         | Ferrite          |
| SMCC-330X-YY | 33                   | 0.02                | 2.52                  | 5,10,20      | 55       | 2.52        | 9.00                | 0.92              | 500                         | Ferrite          |
| SMCC-390X-YY | 39                   | 0.02                | 2.52                  | 5,10,20      | 55       | 2.52        | 8.00                | 1.02              | 470                         | Ferrite          |
| SMCC-470X-YY | 47                   | 0.02                | 2.52                  | 5,10,20      | 40       | 2.52        | 7.50                | 1.10              | 450                         | Ferrite          |
| SMCC-560X-YY | 56                   | 0.02                | 2.52                  | 5,10,20      | 40       | 2.52        | 7.00                | 1.23              | 430                         | Ferrite          |
| SMCC-680X-YY | 68                   | 0.02                | 2.52                  | 5,10,20      | 40       | 2.52        | 6.50                | 1.35              | 410                         | Ferrite          |
| SMCC-820X-YY | 82                   | 0.02                | 2.52                  | 5,10,20      | 35       | 2.52        | 6.00                | 1.54              | 390                         | Ferrite          |
| SMCC-101X-YY | 100                  | 0.02                | 2.52                  | 5,10,20      | 30       | 2.52        | 5.00                | 1.70              | 370                         | Ferrite          |
| SMCC-121X-YY | 120                  | 0.02                | 0.79                  | 5,10,20      | 70       | 0.79        | 4.50                | 2.40              | 300                         | Ferrite          |
| SMCC-131X-YY | 130                  | 0.02                | 0.79                  | 5,10,20      | 70       | 0.79        | 4.20                | 2.80              | 280                         | Ferrite          |
| SMCC-151X-YY | 150                  | 0.02                | 0.79                  | 5,10,20      | 70       | 0.79        | 4.20                | 2.80              | 280                         | Ferrite          |
| SMCC-161X-YY | 160                  | 0.02                | 0.79                  | 5,10,20      | 70       | 0.79        | 3.90                | 3.00              | 270                         | Ferrite          |
| SMCC-181X-YY | 180                  | 0.02                | 0.79                  | 5,10,20      | 70       | 0.79        | 3.90                | 3.00              | 270                         | Ferrite          |
| SMCC-201X-YY | 200                  | 0.02                | 0.79                  | 5,10,20      | 70       | 0.79        | 3.70                | 3.30              | 250                         | Ferrite          |
| SMCC-221X-YY | 220                  | 0.02                | 0.79                  | 5,10,20      | 70       | 0.79        | 3.70                | 3.30              | 250                         | Ferrite          |
| SMCC-271X-YY | 270                  | 0.02                | 0.79                  | 5,10,20      | 70       | 0.79        | 2.80                | 5.70              | 200                         | Ferrite          |
| SMCC-281X-YY | 280                  | 0.02                | 0.79                  | 5,10,20      | 70       | 0.79        | 2.80                | 5.70              | 190                         | Ferrite          |
| SMCC-331X-YY | 330                  | 0.02                | 0.79                  | 5,10,20      | 70       | 0.79        | 2.70                | 6.40              | 190                         | Ferrite          |
| SMCC-351X-YY | 350                  | 0.02                | 0.79                  | 5,10,20      | 70       | 0.79        | 2.40                | 6.40              | 180                         | Ferrite          |
| SMCC-391X-YY | 390                  | 0.02                | 0.79                  | 5,10,20      | 70       | 0.79        | 2.40                | 7.00              | 180                         | Ferrite          |
| SMCC-471X-YY | 470                  | 0.02                | 0.79                  | 5,10,20      | 70       | 0.79        | 2.20                | 7.90              | 170                         | Ferrite          |
| SMCC-561X-YY | 560                  | 0.02                | 0.79                  | 5,10,20      | 60       | 0.79        | 2.00                | 8.80              | 160                         | Ferrite          |
| SMCC-681X-YY | 680                  | 0.02                | 0.79                  | 5,10,20      | 55       | 0.79        | 1.90                | 10.0              | 150                         | Ferrite          |
| SMCC-821X-YY | 820                  | 0.02                | 0.79                  | 5,10,20      | 55       | 0.79        | 1.60                | 12.0              | 140                         | Ferrite          |
| SMCC-102X-YY | 1000                 | 0.02                | 0.79                  | 5,10,20      | 50       | 0.79        | 1.60                | 14.0              | 130                         | Ferrite          |
| SMCC-122X-YY | 1200                 | 0.02                | 0.25                  | 5,10,20      | 50       | 0.25        | 1.30                | 16.9              | 120                         | Ferrite          |
| SMCC-152X-YY | 1500                 | 0.02                | 0.25                  | 5,10,20      | 40       | 0.25        | 1.25                | 21.6              | 100                         | Ferrite          |
| SMCC-182X-YY | 1800                 | 0.02                | 0.25                  | 5,10,20      | 40       | 0.25        | 1.20                | 24.0              | 95                          | Ferrite          |
| SMCC-202X-YY | 2000                 | 0.02                | 0.25                  | 5,10,20      | 40       | 0.25        | 1.10                | 32.1              | 80                          | Ferrite          |
| SMCC-222X-YY | 2200                 | 0.02                | 0.25                  | 5,10,20      | 40       | 0.25        | 1.10                | 34.7              | 80                          | Ferrite          |
| SMCC-272X-YY | 2700                 | 0.02                | 0.25                  | 5,10,20      | 40       | 0.25        | 1.00                | 40.0              | 75                          | Ferrite          |
| SMCC-332X-YY | 3300                 | 0.02                | 0.25                  | 5,10,20      | 40       | 0.25        | 0.90                | 59.5              | 62                          | Ferrite          |
| SMCC-352X-YY | 3500                 | 0.02                | 0.25                  | 5,10,20      | 40       | 0.25        | 0.70                | 59.5              | 59                          | Ferrite          |
| SMCC-392X-YY | 3900                 | 0.02                | 0.25                  | 5,10,20      | 40       | 0.25        | 0.80                | 66.0              | 59                          | Ferrite          |
| SMCC-472X-YY | 4700                 | 0.02                | 0.25                  | 5,10,20      | 40       | 0.25        | 0.70                | 74.0              | 55                          | Ferrite          |
| SMCC-502X-YY | 5000                 | 0.02                | 0.25                  | 5,10,20      | 30       | 0.25        | 0.55                | 70.0              | 40                          | Ferrite          |
| SMCC-562X-YY | 5600                 | 0.02                | 0.25                  | 5,10,20      | 30       | 0.25        | 0.55                | 70.0              | 40                          | Ferrite          |
| SMCC-682X-YY | 6800                 | 0.02                | 0.25                  | 5,10,20      | 30       | 0.25        | 0.50                | 95.0              | 35                          | Ferrite          |
| SMCC-812X-YY | 8100                 | 0.02                | 0.25                  | 5,10,20      | 30       | 0.25        | 0.40                | 95.0              | 30                          | Ferrite          |
| SMCC-822X-YY | 8200                 | 0.02                | 0.25                  | 5,10,20      | 30       | 0.25        | 0.40                | 95.0              | 30                          | Ferrite          |
| SMCC-103X-YY | 10000                | 0.02                | 0.10                  | 5,10,20      | 20       | 0.10        | 0.35                | 115.0             | 25                          | Ferrite          |