

07452 Series

| Part Number | L (uH)<br>± 20% | Q<br>Min | Test Freq.<br>(MHz) | SRF<br>(MHz)<br>Min. | DCR<br>(Ω)<br>Max. | I (mA)<br>Max. |
|-------------|-----------------|----------|---------------------|----------------------|--------------------|----------------|
| 07452-R10M  | 0.10            | 28       | 25.2                | 700                  | 0.44               | 450            |
| 07452-R12M  | 0.12            | 30       | 25.2                | 500                  | 0.22               | 450            |
| 07452-R15M  | 0.15            | 30       | 25.2                | 450                  | 0.25               | 450            |
| 07452-R18M  | 0.18            | 30       | 25.2                | 400                  | 0.28               | 450            |
| 07452-R22M  | 0.22            | 30       | 25.2                | 350                  | 0.32               | 450            |
| 07452-R27M  | 0.27            | 30       | 25.2                | 320                  | 0.36               | 450            |
| 07452-R33M  | 0.33            | 30       | 25.2                | 300                  | 0.40               | 450            |
| 07452-R39M  | 0.39            | 30       | 25.2                | 350                  | 0.45               | 450            |
| 07452-R47M  | 0.47            | 30       | 25.2                | 320                  | 0.50               | 450            |
| 07452-R56M  | 0.56            | 30       | 25.2                | 180                  | 0.55               | 450            |
| 07452-R68M  | 0.68            | 30       | 25.2                | 160                  | 0.60               | 450            |
| 07452-R82M  | 0.82            | 30       | 25.2                | 140                  | 0.67               | 450            |
| ± 10%       |                 |          |                     |                      |                    |                |
| 07452-1R0K  | 1.0             | 50       | 7.96                | 100                  | 0.50               | 450            |
| 07452-1R2K  | 1.2             | 50       | 7.96                | 80                   | 0.55               | 430            |
| 07452-1R5K  | 1.5             | 50       | 7.96                | 70                   | 0.60               | 410            |
| 07452-1R8K  | 1.8             | 50       | 7.96                | 60                   | 0.65               | 390            |
| 07452-2R2K  | 2.2             | 50       | 7.96                | 55                   | 0.70               | 380            |
| 07452-2R7K  | 2.7             | 50       | 7.96                | 50                   | 0.75               | 370            |
| 07452-3R3K  | 3.3             | 50       | 7.96                | 45                   | 0.80               | 355            |
| 07452-3R9K  | 3.9             | 50       | 7.96                | 40                   | 0.90               | 330            |
| 07452-4R7K  | 4.7             | 50       | 7.96                | 35                   | 1.0                | 315            |
| 07452-5R6K  | 5.6             | 50       | 7.96                | 33                   | 1.1                | 300            |
| 07452-6R8K  | 6.8             | 50       | 7.96                | 27                   | 1.2                | 285            |
| 07452-8R2K  | 8.2             | 50       | 7.96                | 25                   | 1.4                | 270            |
| 07452-100K  | 10              | 50       | 2.52                | 20                   | 1.6                | 250            |
| 07452-120K  | 12              | 50       | 2.52                | 18                   | 2.0                | 225            |
| 07452-150K  | 15              | 50       | 2.52                | 17                   | 2.5                | 200            |
| 07452-180K  | 18              | 50       | 2.52                | 15                   | 2.8                | 190            |
| 07452-220K  | 22              | 50       | 2.52                | 13                   | 3.2                | 180            |
| 07452-270K  | 27              | 50       | 2.52                | 12                   | 3.6                | 170            |
| 07452-330K  | 33              | 50       | 2.52                | 11                   | 4.0                | 160            |
| 07452-390K  | 39              | 50       | 2.52                | 10                   | 4.5                | 150            |
| 07452-470K  | 47              | 50       | 2.52                | 10                   | 5.0                | 140            |
| 07452-560K  | 56              | 50       | 2.52                | 9                    | 5.5                | 135            |
| 07452-680K  | 68              | 50       | 2.52                | 9                    | 6.0                | 130            |
| 07452-820K  | 82              | 50       | 2.52                | 8                    | 7.0                | 120            |
| 07452-101K  | 100             | 40       | 0.796               | 7                    | 8.0                | 110            |
| 07452-121K  | 120             | 40       | 0.796               | 6                    | 8.0                | 110            |
| 07452-151K  | 150             | 40       | 0.796               | 5                    | 9.0                | 105            |
| 07452-181K  | 180             | 40       | 0.796               | 5                    | 9.5                | 102            |
| 07452-221K  | 220             | 40       | 0.796               | 4                    | 10                 | 100            |
| 07452-271K  | 270             | 30       | 0.796               | 3                    | 18                 | 92             |
| 07452-331K  | 330             | 30       | 0.796               | 3                    | 20                 | 85             |
| 07452-391K  | 390             | 30       | 0.796               | 3                    | 23                 | 80             |
| 07452-471K  | 470             | 30       | 0.796               | 3                    | 26                 | 62             |
| 07452-561K  | 560             | 30       | 0.796               | 2                    | 30                 | 50             |
| 07452-681K  | 680             | 30       | 0.796               | 2                    | 40                 | 50             |
| 07452-821K  | 820             | 30       | 0.796               | 2                    | 45                 | 30             |
| 07452-102K  | 1000            | 30       | 0.796               | 2                    | 50                 | 30             |

- . Molded construction for high reliability
- . Superior environmental protection
- . Standard EIA 1812 chip size
- . Operating temperature -55 to +105°C
- . Current to cause 20°C maximum temperature rise
- . Tape & reel packaged 500/reel
- . Other inductance tolerances are available

