

**GLB SERIES** (1812 size)

| Inductance<br>( $\mu$ H) | Standard<br>Inductance<br>Tolerance* | Inductance<br>Test Freq.<br>(MHz) | Model<br>No. | SRF<br>(MHz)<br>min | Q<br>min | Q Test<br>Freq.<br>(MHz) | Rated<br>Current<br>(mA) | DCR<br>( $\Omega$ )<br>max |
|--------------------------|--------------------------------------|-----------------------------------|--------------|---------------------|----------|--------------------------|--------------------------|----------------------------|
| 0.22                     | $\pm 20\%$                           | 1.0                               | GLBR2220     | 230                 | 30       | 25.20                    | 700                      | 0.30                       |
| 0.27                     | $\pm 20\%$                           | 1.0                               | GLBR2720     | 200                 | 30       | 25.20                    | 650                      | 0.32                       |
| 0.33                     | $\pm 20\%$                           | 1.0                               | GLBR3320     | 180                 | 30       | 25.20                    | 630                      | 0.35                       |
| 0.39                     | $\pm 20\%$                           | 1.0                               | GLBR3920     | 155                 | 30       | 25.20                    | 620                      | 0.37                       |
| 0.47                     | $\pm 20\%$                           | 1.0                               | GLBR4720     | 135                 | 30       | 25.20                    | 580                      | 0.40                       |
| 0.56                     | $\pm 20\%$                           | 1.0                               | GLBR5620     | 120                 | 30       | 25.20                    | 560                      | 0.42                       |
| 0.68                     | $\pm 20\%$                           | 1.0                               | GLBR6820     | 105                 | 30       | 25.20                    | 530                      | 0.48                       |
| 0.82                     | $\pm 20\%$                           | 1.0                               | GLBR8220     | 90                  | 30       | 25.20                    | 500                      | 0.50                       |
| 1.00                     | $\pm 20\%$                           | 1.0                               | GLB1R020     | 80                  | 30       | 25.20                    | 470                      | 0.52                       |
| 1.20                     | $\pm 20\%$                           | 1.0                               | GLB1R220     | 70                  | 30       | 25.20                    | 460                      | 0.55                       |
| 1.50                     | $\pm 20\%$                           | 1.0                               | GLB1R520     | 60                  | 30       | 25.20                    | 430                      | 0.61                       |
| 1.80                     | $\pm 20\%$                           | 1.0                               | GLB1R820     | 50                  | 30       | 7.96                     | 410                      | 0.61                       |
| 2.20                     | $\pm 20\%$                           | 1.0                               | GLB2R220     | 45                  | 50       | 7.96                     | 410                      | 0.61                       |
| 2.70                     | $\pm 20\%$                           | 1.0                               | GLB2R720     | 43                  | 50       | 7.96                     | 400                      | 0.61                       |
| 3.30                     | $\pm 20\%$                           | 1.0                               | GLB3R320     | 39                  | 50       | 7.96                     | 380                      | 0.66                       |
| 3.90                     | $\pm 20\%$                           | 1.0                               | GLB3R920     | 36                  | 50       | 7.96                     | 360                      | 0.74                       |
| 4.70                     | $\pm 20\%$                           | 1.0                               | GLB4R720     | 33                  | 50       | 5.00                     | 350                      | 0.81                       |
| 5.60                     | $\pm 20\%$                           | 1.0                               | GLB5R620     | 30                  | 50       | 5.00                     | 330                      | 0.88                       |
| 6.80                     | $\pm 20\%$                           | 1.0                               | GLB6R820     | 26                  | 50       | 5.00                     | 310                      | 1.00                       |
| 8.20                     | $\pm 20\%$                           | 1.0                               | GLB8R220     | 24                  | 50       | 5.00                     | 250                      | 1.60                       |
| 10.0                     | $\pm 10\%$                           | 1.0                               | GLB10010     | 22                  | 50       | 5.00                     | 235                      | 1.8                        |
| 12.0                     | $\pm 10\%$                           | 1.0                               | GLB12010     | 20                  | 50       | 5.00                     | 225                      | 1.9                        |
| 15.0                     | $\pm 10\%$                           | 1.0                               | GLB15010     | 18                  | 50       | 5.00                     | 215                      | 2.1                        |
| 18.0                     | $\pm 10\%$                           | 1.0                               | GLB18010     | 16                  | 50       | 2.52                     | 205                      | 2.3                        |
| 22.0                     | $\pm 10\%$                           | 1.0                               | GLB22010     | 15                  | 50       | 2.52                     | 195                      | 2.6                        |
| 27.0                     | $\pm 10\%$                           | 1.0                               | GLB27010     | 13                  | 50       | 2.52                     | 185                      | 2.9                        |
| 33.0                     | $\pm 10\%$                           | 1.0                               | GLB33010     | 12                  | 50       | 2.52                     | 175                      | 3.1                        |
| 39.0                     | $\pm 10\%$                           | 1.0                               | GLB39010     | 10                  | 50       | 2.52                     | 165                      | 3.6                        |
| 47.0                     | $\pm 10\%$                           | 1.0                               | GLB47010     | 9.7                 | 50       | 2.52                     | 130                      | 4.2                        |
| 56.0                     | $\pm 10\%$                           | 0.1                               | GLB56010     | 9.0                 | 40       | 2.52                     | 125                      | 4.7                        |
| 68.0                     | $\pm 10\%$                           | 0.1                               | GLB68010     | 8.2                 | 40       | 2.52                     | 115                      | 5.3                        |
| 82.0                     | $\pm 10\%$                           | 0.1                               | GLB82010     | 7.5                 | 40       | 2.52                     | 110                      | 5.9                        |
| 100.0                    | $\pm 10\%$                           | 0.1                               | GLB10110     | 6.7                 | 40       | 2.52                     | 105                      | 8.8                        |
| 120.0                    | $\pm 10\%$                           | 0.1                               | GLB12110     | 6.1                 | 40       | 1.50                     | 100                      | 10.0                       |
| 150.0                    | $\pm 10\%$                           | 0.1                               | GLB15110     | 5.5                 | 40       | 1.50                     | 95                       | 11.0                       |
| 180.0                    | $\pm 10\%$                           | 0.1                               | GLB18110     | 5.1                 | 40       | 1.50                     | 85                       | 13.0                       |
| 220.0                    | $\pm 10\%$                           | 0.1                               | GLB22110     | 4.5                 | 40       | 0.796                    | 85                       | 13.0                       |
| 270.0                    | $\pm 10\%$                           | 0.1                               | GLB27110     | 4.1                 | 40       | 0.796                    | 80                       | 14.0                       |
| 330.0                    | $\pm 10\%$                           | 0.1                               | GLB33110     | 3.7                 | 40       | 0.796                    | 75                       | 16.0                       |
| 390.0                    | $\pm 10\%$                           | 0.1                               | GLB39110     | 3.3                 | 40       | 0.796                    | 70                       | 19.0                       |
| 470.0                    | $\pm 10\%$                           | 0.1                               | GLB47110     | 3.0                 | 30       | 0.796                    | 55                       | 31.0                       |
| 560.0                    | $\pm 10\%$                           | 0.1                               | GLB56110     | 2.7                 | 30       | 0.796                    | 50                       | 35.0                       |
| 680.0                    | $\pm 10\%$                           | 0.1                               | GLB68110     | 2.5                 | 30       | 0.796                    | 50                       | 39.0                       |
| 820.0                    | $\pm 10\%$                           | 0.1                               | GLB82110     | 2.4                 | 30       | 0.796                    | 45                       | 45.0                       |
| 1000.0                   | $\pm 10\%$                           | 0.1                               | GLB10210     | 2.1                 | 30       | 0.796                    | 40                       | 53.0                       |

\* Inductance values from 1.00 to 8.2  $\mu$ H also available with  $\pm 10\%$  inductance tolerance.  
Inductance values from 10.0  $\mu$ H and up also available with  $\pm 5\%$  inductance tolerance.  
Consult factory regarding these special units.

GLB Series outline drawing on page 11.

Carrier and reel specifications on page 12.