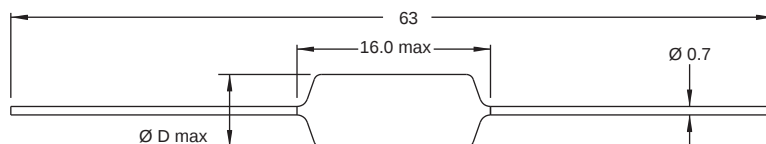


# VHBCC

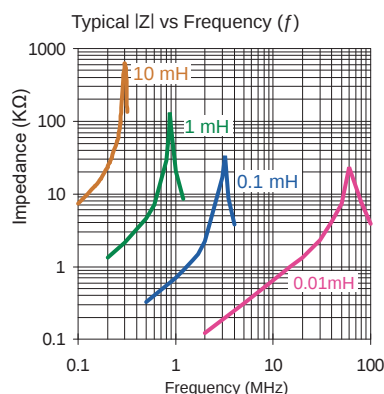
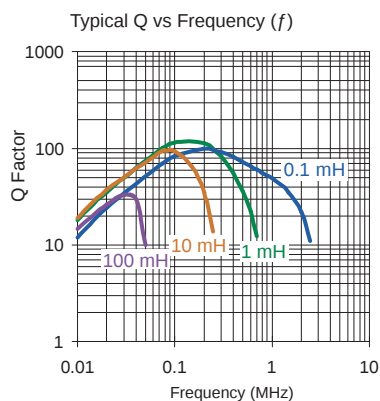
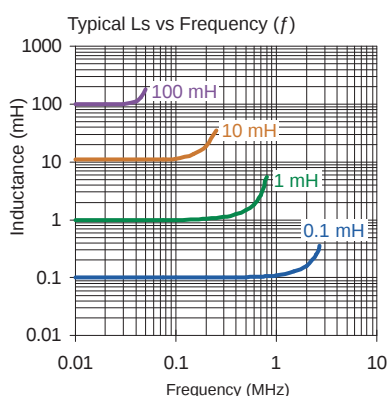


| L (μH)                | Ø D max |
|-----------------------|---------|
| 47                    | 6.3     |
| 10 - 33 & 68 - 100000 | 6.0     |



(Fixed Choke Coils)

Leaded Inductors



| Part No         | Inductance<br>L (μH) | f <sub>L</sub><br>(kHz) | Tol<br>± (%) | Q<br>min | f <sub>Q</sub><br>(kHz) | SRF<br>min (MHz) | DCR<br>max (Ω) | Rated DC Current<br>(mA) |                  |
|-----------------|----------------------|-------------------------|--------------|----------|-------------------------|------------------|----------------|--------------------------|------------------|
|                 |                      |                         |              |          |                         |                  |                | I <sub>1</sub>           | I <sub>sat</sub> |
| VHBCC-100X-YY   | 10                   | 1000                    | 5,10         | 55       | 2520                    | 38               | 0.09           | 2900                     | 4600             |
| VHBCC-150X-YY   | 15                   | 100                     | 5,10         | 55       | 2520                    | 36               | 0.13           | 2250                     | 3800             |
| VHBCC-220X-YY   | 22                   | 100                     | 5,10         | 50       | 2520                    | 15               | 0.15           | 2030                     | 3100             |
| VHBCC-330X-YY   | 33                   | 100                     | 5,10         | 35       | 2520                    | 5.2              | 0.16           | 1980                     | 2550             |
| VHBCC-470X-YY   | 47                   | 100                     | 5,10         | 30       | 2520                    | 4.8              | 0.18           | 1800                     | 2100             |
| VHBCC-680X-YY   | 68                   | 100                     | 5,10         | 20       | 2520                    | 3.8              | 0.25           | 1620                     | 1790             |
| VHBCC-101X-YY   | 100                  | 100                     | 5,10         | 40       | 796                     | 2.5              | 0.62           | 1060                     | 1490             |
| VHBCC-151X-YY   | 150                  | 100                     | 5,10         | 35       | 796                     | 2.0              | 0.80           | 960                      | 1210             |
| VHBCC-181X-YY   | 180                  | 100                     | 5,10         | 35       | 796                     | 1.6              | 0.85           | 690                      | 1000             |
| VHBCC-221X-YY   | 220                  | 100                     | 5,10         | 35       | 796                     | 1.6              | 1.2            | 690                      | 900              |
| VHBCC-331X-YY   | 330                  | 100                     | 5,10         | 25       | 796                     | 1.4              | 1.4            | 630                      | 735              |
| VHBCC-391X-YY   | 390                  | 100                     | 5,10         | 25       | 796                     | 1.3              | 1.6            | 590                      | 675              |
| VHBCC-471X-YY   | 470                  | 100                     | 5,10         | 20       | 796                     | 1.2              | 1.8            | 550                      | 630              |
| VHBCC-561X-YY   | 560                  | 100                     | 5,10         | 15       | 796                     | 1.06             | 2.3            | 525                      | 610              |
| VHBCC-681X-YY   | 680                  | 100                     | 5,10         | 15       | 796                     | 0.92             | 2.6            | 500                      | 590              |
| VHBCC-821X-YY   | 820                  | 100                     | 5,10         | 70       | 252                     | 0.72             | 4.2            | 448                      | 550              |
| VHBCC-102X-YY   | 1000                 | 100                     | 5,10         | 70       | 252                     | 0.72             | 4.2            | 400                      | 490              |
| VHBCC-122X-YY   | 1200                 | 100                     | 5,10         | 70       | 252                     | 0.68             | 5.5            | 350                      | 448              |
| VHBCC-152X-YY   | 1500                 | 100                     | 5,10         | 70       | 252                     | 0.65             | 6              | 320                      | 400              |
| VHBCC-182X-YY   | 1800                 | 100                     | 5,10         | 70       | 252                     | 0.65             | 6              | 300                      | 410              |
| VHBCC-222X-YY   | 2200                 | 100                     | 5,10         | 65       | 252                     | 0.50             | 10             | 250                      | 340              |
| VHBCC-272X-YY   | 2700                 | 100                     | 5,10         | 50       | 252                     | 0.42             | 12             | 243                      | 298              |
| VHBCC-332X-YY   | 3300                 | 100                     | 5,10         | 50       | 252                     | 0.42             | 12             | 220                      | 270              |
| VHBCC-392X-YY   | 3900                 | 100                     | 5,10         | 30       | 252                     | 0.29             | 18             | 200                      | 245              |
| VHBCC-472X-YY   | 4700                 | 100                     | 5,10         | 30       | 252                     | 0.31             | 18             | 200                      | 220              |
| VHBCC-562X-YY   | 5600                 | 10                      | 5,10         | 60       | 79.6                    | 0.30             | 26             | 160                      | 200              |
| VHBCC-682X-YY   | 6800                 | 10                      | 5,10         | 60       | 79.6                    | 0.29             | 24             | 150                      | 180              |
| VHBCC-822X-YY   | 8200                 | 10                      | 5,10         | 60       | 79.6                    | 0.22             | 35             | 135                      | 165              |
| VHBCC-103X-YY   | 10000                | 10                      | 5,10         | 60       | 79.6                    | 0.20             | 40             | 120                      | 150              |
| VHBCC-123X-YY   | 12000                | 10                      | 5,10         | 55       | 79.6                    | 0.17             | 63             | 112                      | 134              |
| VHBCC-153X-YY   | 15000                | 10                      | 5,10         | 55       | 79.6                    | 0.17             | 63             | 100                      | 120              |
| VHBCC-183X-YY   | 18000                | 10                      | 5,10         | 50       | 79.6                    | 0.16             | 90             | 86                       | 110              |
| VHBCC-223X-YY   | 22000                | 10                      | 5,10         | 50       | 79.6                    | 0.15             | 100            | 82                       | 100              |
| VHBCC-273X-YY   | 27000                | 10                      | 5,10         | 50       | 79.6                    | 0.14             | 130            | 75                       | 95               |
| VHBCC-333X-YY   | 33000                | 10                      | 5,10         | 50       | 79.6                    | 0.14             | 130            | 67                       | 85               |
| * VHBCC-473X-YY | 47000                | 10                      | 5,10         | 30       | 25.2                    | 0.09             | 220            | 53                       | 73               |
| * VHBCC-683X-YY | 68000                | 10                      | 5,10         | 25       | 25.2                    | 0.08             | 270            | 49                       | 59               |
| * VHBCC-104X-YY | 100000               | 10                      | 5,10         | 20       | 25.2                    | 0.06             | 490            | 34                       | 45               |

Core Material: Ferrite

Revision date: 23 May 2017

| SPQ: | Packaging Form | Taped / Reel | Taped / Ammo pack |
|------|----------------|--------------|-------------------|
|      | Axial          | 1200 [-01]   | 500 [-02]         |

Remarks: - I<sub>1</sub> & I<sub>sat</sub> - see description in Technical Data  
- \* The inductance does not comply to IEC standard.