



| Allied Part Number | L (μH) @ 1KHZ | Tolerance % | L(μH) ± 15% @ I rated | IDC (A) | DCR (Ω) MAX |
|--------------------|---------------|-------------|-----------------------|---------|-------------|
| VTCB210HT-1R0L-RC  | 1.0           | 15          | 0.8                   | 21.7    | .003        |
| VTCB210HT-1R5L-RC  | 1.5           | 15          | 1.2                   | 19.8    | .003        |
| VTCB210HT-2R2L-RC  | 2.2           | 15          | 1.8                   | 18.3    | .004        |
| VTCB210HT-2R7L-RC  | 2.7           | 15          | 2.1                   | 17.1    | .004        |
| VTCB210HT-3R3L-RC  | 3.3           | 15          | 2.6                   | 16.1    | .005        |
| VTCB210HT-3R9L-RC  | 3.9           | 15          | 3.0                   | 15.3    | .005        |
| VTCB210HT-4R7L-RC  | 4.7           | 15          | 3.5                   | 14.9    | .006        |
| VTCB210HT-5R6L-RC  | 5.6           | 15          | 4.1                   | 14.3    | .006        |
| VTCB210HT-6R8L-RC  | 6.8           | 15          | 4.9                   | 13.7    | .006        |
| VTCB210HT-8R2L-RC  | 8.2           | 15          | 5.9                   | 13.2    | .007        |
| VTCB210HT-100L-RC  | 10            | 15          | 7.6                   | 9.9     | .012        |
| VTCB210HT-120L-RC  | 12            | 15          | 9.0                   | 9.6     | .013        |
| VTCB210HT-150L-RC  | 15            | 15          | 11.0                  | 9.1     | .014        |
| VTCB210HT-180L-RC  | 18            | 15          | 13.0                  | 8.6     | .016        |
| VTCB210HT-220L-RC  | 22            | 15          | 16.6                  | 6.7     | .026        |
| VTCB210HT-270L-RC  | 27            | 15          | 20.1                  | 6.4     | .028        |
| VTCB210HT-330L-RC  | 33            | 15          | 24.0                  | 6.1     | .031        |
| VTCB210HT-390L-RC  | 39            | 15          | 28.0                  | 5.9     | .033        |
| VTCB210HT-470L-RC  | 47            | 15          | 33.1                  | 5.6     | .036        |
| VTCB210HT-560L-RC  | 56            | 15          | 38.5                  | 5.3     | .040        |
| VTCB210HT-680L-RC  | 68            | 15          | 46.0                  | 5.1     | .044        |
| VTCB210HT-820L-RC  | 82            | 15          | 54.0                  | 4.8     | .049        |
| VTCB210HT-101L-RC  | 100           | 15          | 64.5                  | 4.6     | .053        |
| VTCB210HT-121L-RC  | 120           | 15          | 84.4                  | 3.5     | .094        |
| VTCB210HT-151L-RC  | 150           | 15          | 102.8                 | 3.3     | .110        |
| VTCB210HT-181L-RC  | 180           | 15          | 120.7                 | 3.1     | .120        |
| VTCB210HT-221L-RC  | 220           | 15          | 144.2                 | 3.0     | .130        |
| VTCB210HT-271L-RC  | 270           | 15          | 172.6                 | 2.8     | .140        |
| VTCB210HT-331L-RC  | 330           | 15          | 206.0                 | 2.7     | .160        |
| VTCB210HT-391L-RC  | 390           | 15          | 266.7                 | 2.1     | .270        |
| VTCB210HT-471L-RC  | 470           | 15          | 314.4                 | 2.0     | .290        |
| VTCB210HT-561L-RC  | 560           | 15          | 366.9                 | 1.9     | .320        |
| VTCB210HT-681L-RC  | 680           | 15          | 435.1                 | 1.8     | .350        |
| VTCB210HT-821L-RC  | 820           | 15          | 512.0                 | 1.7     | .390        |
| VTCB210HT-102L-RC  | 1000          | 15          | 608.2                 | 1.6     | .430        |

### Features

- High Temperature rating up to 200°C
- Low Magnetic Radiation
- Low Core Loss
- High current capacity up to 21A

### Electrical

**Inductance Range:** 1.0μh to 1000μh  
Additional values available

**Tolerance:** 15% over entire range

**Test Frequency:** 1KHz

**Operating Temp:** -55°C ~ +200°C

**Temp Rise:** ΔT=50°C Typical at rated IDC

### Test Equipment

**(L):** 100 LCR meter or equivalent

**DCR:** Chen Hwa 502

### Physical

**Packaging:** Boxed

**Marking:** EIA Inductance Code