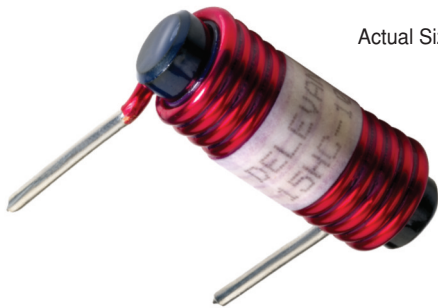
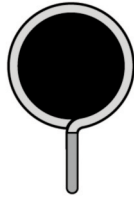
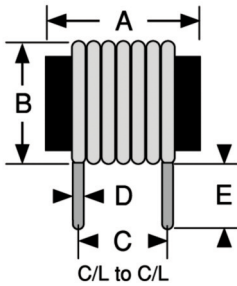
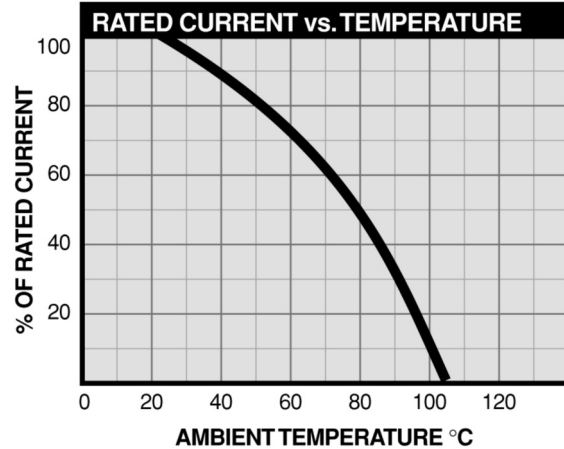


**SERIES****HCR  
HC**RoHS  
CompliantTraditional  
First Quality**High Current Filter Chokes**

Actual Size (Max.)



**Current Rating** based on continuous operation at room temperature ambient. Derating is required at elevated ambient temperatures in accordance with the derating curve. For more detailed graphs, contact factory

| PART NUMBER*           |     |    | INDUCTANCE (μH)<br>± 10% @ 1kHz** | CURRENT RATING<br>MAXIMUM (Amps) | DC RESISTANCE<br>MAX. (OHMS) | INCREMENTAL<br>CURRENT (AMPS)*** | A (Max.)      | B (Max.)     | DIMENSIONS<br>Inches [Millimeters] |                              | D |
|------------------------|-----|----|-----------------------------------|----------------------------------|------------------------------|----------------------------------|---------------|--------------|------------------------------------|------------------------------|---|
|                        |     |    |                                   |                                  |                              |                                  |               |              | C<br>± 0.062 inches<br>[± 1.59mm]  | ± 0.005 inches<br>[± 0.13mm] |   |
| SERIES HC FERRITE CORE |     |    |                                   |                                  |                              |                                  |               |              |                                    |                              |   |
| 3HC-5                  | 5   | 3  | 0.015                             | 19                               | 0.875 [22.23]                | 0.625 [15.88]                    | 0.500 [12.70] | 0.042 [1.07] |                                    |                              |   |
| 3HC-10                 | 10  | 3  | 0.018                             | 17                               | 1.125 [28.58]                | 0.625 [15.88]                    | 0.687 [17.45] | 0.042 [1.07] |                                    |                              |   |
| 3HC-27                 | 27  | 3  | 0.035                             | 15                               | 0.875 [22.23]                | 0.812 [20.62]                    | 0.437 [11.10] | 0.042 [1.07] |                                    |                              |   |
| 3HC-50                 | 50  | 3  | 0.050                             | 12                               | 1.125 [28.58]                | 0.812 [20.62]                    | 0.750 [19.05] | 0.042 [1.07] |                                    |                              |   |
| 3HC-100                | 100 | 3  | 0.065                             | 8                                | 1.125 [28.58]                | 0.812 [20.62]                    | 0.937 [23.80] | 0.042 [1.07] |                                    |                              |   |
| 3HC-150                | 150 | 3  | 0.075                             | 5                                | 1.375 [34.93]                | 0.812 [20.62]                    | 1.062 [26.97] | 0.042 [1.07] |                                    |                              |   |
| 3HC-200                | 200 | 3  | 0.080                             | 4                                | 1.625 [41.28]                | 0.812 [20.62]                    | 1.050 [26.67] | 0.042 [1.07] |                                    |                              |   |
| 3HC-250                | 250 | 3  | 0.090                             | 3                                | 1.625 [41.28]                | 0.812 [20.62]                    | 1.312 [33.32] | 0.042 [1.07] |                                    |                              |   |
| 3HC-500                | 500 | 3  | 0.130                             | 1                                | 1.625 [41.28]                | 0.950 [24.13]                    | 0.990 [25.15] | 0.042 [1.07] |                                    |                              |   |
| 5HC-5                  | 5   | 5  | 0.012                             | 20                               | 0.875 [22.23]                | 0.640 [16.26]                    | 0.750 [19.05] | 0.053 [1.35] |                                    |                              |   |
| 5HC-10                 | 10  | 5  | 0.015                             | 18                               | 1.125 [28.58]                | 0.640 [16.26]                    | 1.000 [25.40] | 0.053 [1.35] |                                    |                              |   |
| 5HC-27                 | 27  | 5  | 0.025                             | 15                               | 0.875 [22.23]                | 0.875 [22.23]                    | 0.562 [14.27] | 0.053 [1.35] |                                    |                              |   |
| 5HC-50                 | 50  | 5  | 0.030                             | 10                               | 1.125 [28.58]                | 0.875 [22.23]                    | 0.750 [19.05] | 0.053 [1.35] |                                    |                              |   |
| 5HC-68                 | 68  | 5  | 0.035                             | 9                                | 1.125 [28.58]                | 0.875 [22.23]                    | 0.875 [22.23] | 0.053 [1.35] |                                    |                              |   |
| 5HC-100                | 100 | 5  | 0.050                             | 7                                | 1.375 [34.93]                | 0.875 [22.23]                    | 1.000 [25.40] | 0.053 [1.35] |                                    |                              |   |
| 5HC-150                | 150 | 5  | 0.060                             | 5                                | 1.625 [41.28]                | 0.875 [22.23]                    | 1.250 [31.75] | 0.053 [1.35] |                                    |                              |   |
| 5HC-250                | 250 | 5  | 0.075                             | 3                                | 1.625 [41.28]                | 1.100 [27.94]                    | 0.900 [22.86] | 0.053 [1.35] |                                    |                              |   |
| 10HC-5                 | 5   | 10 | 0.010                             | 19                               | 1.125 [28.58]                | 0.687 [17.45]                    | 0.812 [20.62] | 0.065 [1.65] |                                    |                              |   |
| 10HC-10                | 10  | 10 | 0.012                             | 17                               | 1.375 [34.93]                | 0.687 [17.45]                    | 1.218 [30.94] | 0.065 [1.65] |                                    |                              |   |
| 10HC-15                | 15  | 10 | 0.015                             | 16                               | 1.625 [41.28]                | 0.687 [17.45]                    | 1.415 [35.94] | 0.065 [1.65] |                                    |                              |   |
| 10HC-27                | 27  | 10 | 0.018                             | 15                               | 1.125 [28.58]                | 0.937 [23.80]                    | 0.687 [17.45] | 0.065 [1.65] |                                    |                              |   |
| 10HC-50                | 50  | 10 | 0.025                             | 9                                | 1.375 [34.93]                | 0.937 [23.80]                    | 0.937 [23.80] | 0.065 [1.65] |                                    |                              |   |
| 10HC-68                | 68  | 10 | 0.027                             | 9                                | 1.375 [34.93]                | 0.937 [23.80]                    | 1.125 [28.58] | 0.065 [1.65] |                                    |                              |   |
| 10HC-100               | 100 | 10 | 0.030                             | 6                                | 1.625 [41.28]                | 0.937 [23.80]                    | 1.312 [33.32] | 0.065 [1.65] |                                    |                              |   |
| 15HC-5                 | 5   | 15 | 0.008                             | 20                               | 1.375 [34.93]                | 0.725 [18.42]                    | 0.937 [23.80] | 0.082 [2.08] |                                    |                              |   |
| 15HC-10                | 10  | 15 | 0.010                             | 17                               | 1.687 [42.85]                | 0.725 [18.42]                    | 1.500 [38.10] | 0.082 [2.08] |                                    |                              |   |
| 15HC-27                | 27  | 15 | 0.015                             | 14                               | 1.375 [34.93]                | 1.000 [25.40]                    | 0.937 [23.80] | 0.082 [2.08] |                                    |                              |   |
| 15HC-50                | 50  | 15 | 0.020                             | 9                                | 1.625 [41.28]                | 1.000 [25.40]                    | 1.125 [28.58] | 0.082 [2.08] |                                    |                              |   |
| 15HC-100               | 100 | 15 | 0.030                             | 5                                | 1.625 [41.28]                | 1.500 [38.10]                    | 1.312 [33.32] | 0.082 [2.08] |                                    |                              |   |

**Dimension E**

1.0 inches ± 1/16 inches;  
25.4mm ± 1.59mm

**Notes**

\*\* Inductance measured with zero DC current.

\*\*\* Incremental current reduces inductance by 10% or less. Average current must not exceed specified rated current.

**Packaging** Bulk only

\*Complete part # must include series # PLUS the dash #

For surface finish information, refer to [www.delevanfinishes.com](http://www.delevanfinishes.com)