

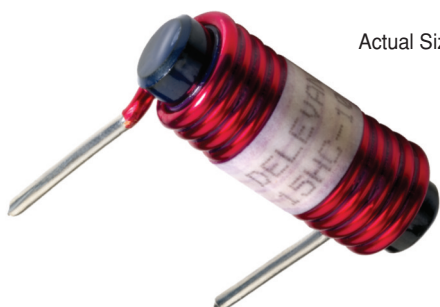
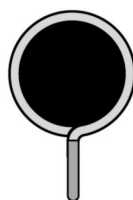
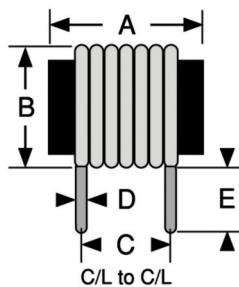
**SERIES**

**HCR  
HC**

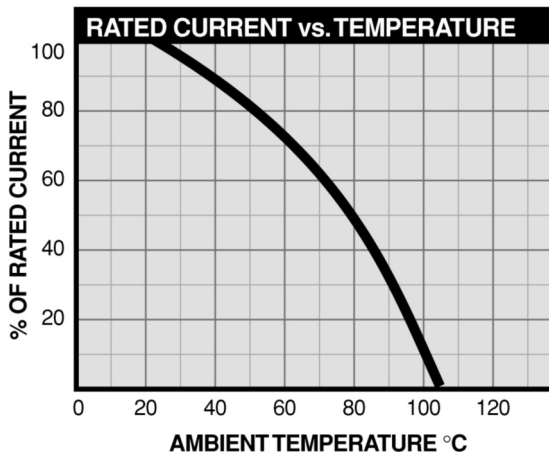
RoHS  
Compliant

Traditional  
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) ± 10% @ 1kHz**	CURRENT RATING MAXIMUM (Amps)	DC RESISTANCE MAX. (OHMS)	INCREMENTAL CURRENT (AMPS) ***	A (Max.)	B (Max.)	DIMENSIONS Inches [Millimeters]		
							C ± 0.062 inches [± 1.59mm]	D ± 0.005 inches [± 0.13mm]	
<b>SERIES HC FERRITE CORE</b>									
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 #