



Dimensions in inches

Notes for IHCA high-current inductor:  
 Inductance Range: 5  $\mu$ H to 1000  $\mu$ H.  
 Operating Temperature Range: - 55°C to + 125°C.  
 Marking: Part number.  
 Sleeving: Coil covered with VW-1 polyolefin shrink tubing.  
 Packaging: Bulk only.

Inductance Tolerance: K =  $\pm$  10% over the entire inductance range.  
 Current Rating: Maximum continuous operating current based on 50°C temperature rise.  
 Testing: L measured at 1 KHz with CH-100 LCR meter,  
 DCR measured with CH-301A DCR-current meter.  
 Manufactured to RoHS compliance.

PART NUMBER	INDUCTANCE [ $\mu$ H $\pm$ 10%]	DC RESISTANCE OHMS MAX [ $\delta$ ]	RATED DC CURRENT MAXIMUM [A]	A MAX	B MAX	C $\pm$ 0.002
IHCA-2.5A-50	50	0.12	2.5	.475	.800	0.032
IHCA-2.1A-100	100	0.18	2.1	.475	.800	0.032
IHCA-1.8A-250	250	0.26	1.8	.475	1.05	0.032
IHCA-1.6A-500	500	0.42	1.6	.550	1.05	0.032
IHCA-1.4A-1000	1000	0.50	1.4	.560	1.18	0.032
IHCA-3.7A-27	27	0.050	3.7	.500	.800	0.032
IHCA-3.1A-50	50	0.085	3.1	.500	.800	0.032
IHCA-2.7A-100	100	0.12	2.7	.500	.920	0.032
IHCA-2.4A-250	250	0.20	2.4	.600	.920	0.032
IHCA-2.3A-500	500	0.32	2.3	.750	1.05	0.032
IHCA-8.6A-6	6	0.016	8.6	.475	.800	0.032
IHCA-6.1A-10	10	0.021	6.1	.475	.920	0.032
IHCA-4.5A-27	27	0.040	4.5	.550	.800	0.032
IHCA-4.3A-50	50	0.050	4.3	.550	.920	0.032
IHCA-4.2A-100	100	0.070	4.2	.550	1.18	0.032
IHCA-9.3A-5	5	0.010	9.3	.475	1.05	0.040
IHCA-8.3A-10	10	0.015	8.3	.475	1.05	0.040
IHCA-6.5A-27	27	0.030	6.5	.700	1.05	0.040
IHCA-6.1A-50	50	0.040	6.1	.700	1.05	0.040
IHCA-5.9A-100	100	0.080	5.9	.700	1.05	0.040