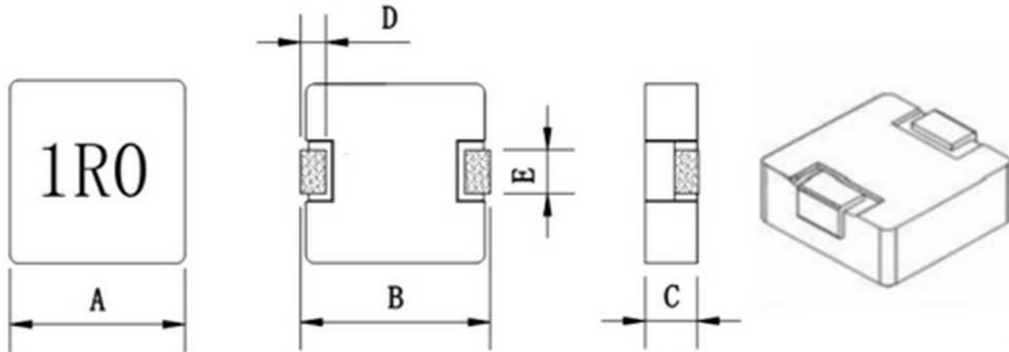




Integrated Inductor - (HD)

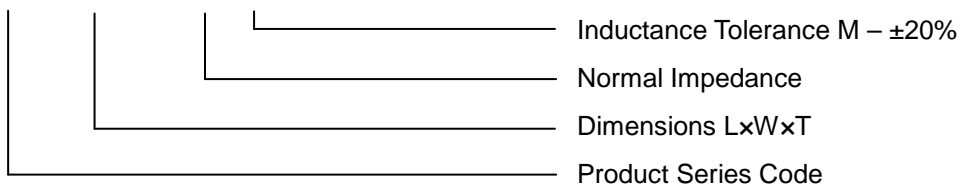
■ Dimensions and Construction



HF Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
HD0402	4.06±0.254	4.45±0.254	2.0MAX	0.76±0.3	2.0±0.2
HD0501	5.18±0.254	5.49±0.254	1.2MAX	1.2±0.3	2.3±0.2
HD0502	5.18±0.254	5.49±0.254	2.0MAX	1.2±0.3	2.3±0.2
HD0503	5.18±0.254	5.49±0.254	3.0MAX	1.2±0.3	2.3±0.2
HD0601	6.6±0.2	7.2±0.2	1.2MAX	1.5±0.5	3.0±0.2
HD0618	6.6±0.2	7.2±0.2	1.8MAX	1.5±0.5	3.0±0.2
HD0624	6.6±0.2	7.2±0.2	2.4MAX	1.5±0.5	3.0±0.2
HD0603	6.6±0.2	7.2±0.2	3.0MAX	1.5±0.5	3.0±0.2
HD0604	6.6±0.2	7.2±0.2	4.0MAX	1.5±0.5	3.0±0.2
HD0605	6.6±0.2	7.2±0.2	5.0MAX	1.5±0.5	3.0±0.2
HD1004	10.3±0.2	11.2±0.2	4.0MAX	2.0±0.5	3.0±0.3
HD1005	10.3±0.2	11.2±1.0	5.0MAX	2.0±0.5	3.0±0.3
HD1204	12.8±0.5	13.2±1.0	4.0MAX	2.5±0.5	3.8±0.2
HD1205	12.8±0.5	13.2±1.0	5.0MAX	2.5±0.5	3.8±0.2
HD1206	12.8±0.5	13.2±1.0	6.0MAX	2.5±0.5	3.8±0.2
HD1207	12.8±0.5	13.2±1.0	7.0MAX	2.5±0.5	3.8±0.2

■ Part Numbering System

HD 0402 - 1R0 M





HD0402

Part Number	L(uH)	Test Freq (KHZ)	DCR(mΩ) Max	last (A)	IrHD (A)
HD0402-R10M	0.10	100	5.50	12.00	12.00
HD0402-R22M	0.22	100	9.50	9.50	9.50
HD0402-R47M	0.47	100	19.50	6.00	6.00
HD0402-1R0M	1.0	100	43.00	4.50	4.20
HD0402-1R2M	1.2	100	55.60	3.75	3.75
HD0402-1R5M	1.5	100	68.00	3.25	3.25
HD0402-2R2M	2.2	100	79.00	3.00	2.75
HD0402-3R3M	3.3	100	111.00	2.55	2.35
HD0402-4R7M	4.7	100	119.50	2.40	2.00
HD0402-5R6M	5.6	100	128.00	2.00	1.75
HD0402-6R8M	6.8	100	155.00	1.80	1.50
HD0402-8R2M	8.2	100	225.00	1.20	1.20
HD0402-100M	10	100	240.00	1.00	1.00

HD0501

Part Number	L(uH)	Test Freq (KHZ)	DCR(mΩ) Max	last (A)	IrHD (A)
HD0501-R20M	0.2	100	10.80	11.50	8.50
HD0501-R47M	0.47	100	15.00	10.00	8.00
HD0501-R68M	0.68	100	17.50	8.00	6.80
HD0501-1R0M	1.0	100	28.00	6.50	5.50
HD0501-1R5M	1.5	100	55.00	5.50	4.50
HD0501-2R2M	2.2	100	75.00	4.50	4.00
HD0501-3R3M	3.3	100	90.00	3.50	3.00
HD0501-4R7M	4.7	100	180.00	2.60	2.20
HD0501-6R8M	6.8	100	245.00	2.00	1.50
HD0501-100M	10	100	330.00	1.80	1.20

HD0502

Part Number	L(uH)	Test Freq (KHZ)	DCR(mΩ) Max	last (A)	IrHD (A)
HD0502-R10M	0.2	100	2.90	25.00	21.00
HD0502-R22M	0.47	100	4.50	17.00	13.00
HD0502-R33M	0.68	100	5.70	13.00	7.50
HD0502-R47M	1.0	100	7.70	12.50	8.00
HD0502-1R0M	1.5	100	18.10	7.50	7.00
HD0502-2R2M	2.2	100	37.70	5.50	5.00
HD0502-3R3M	3.3	100	68.00	4.70	4.10
HD0502-4R7M	4.7	100	81.30	3.20	3.00
HD0502-5R6M	5.6	100	92.00	3.00	2.20
HD0502-6R8M	6.8	100	121.00	2.80	2.10
HD0502-100M	10	100	182.80	2.20	2.00



HD0503

Part Number	L(uH)	Test Freq (KHZ)	DCR(mΩ) Max	I _{last} (A)	I _{rHD} (A)
HD0503-R10M	0.1	100	3.16	27.00	23.00
HD0503-R22M	0.22	100	4.52	21.00	15.50
HD0503-R33M	0.33	100	5.70	19.00	13.70
HD0503-R47M	0.47	100	7.04	15.00	12.20
HD0503-R68M	0.68	100	8.96	13.50	10.20
HD0503-R82M	0.82	100	11.90	13.00	9.30
HD0503-1R0M	1.0	100	13.70	12.00	9.20
HD0503-2R2M	2.2	100	29.2	10.00	5.80
HD0503-3R3M	3.3	100	54.70	8.50	5.00
HD0503-4R7M	4.7	100	77.50	8.20	3.50
HD0503-5R6M	5.6	100	108.00	4.10	3.00
HD0503-100M	10	100	182.80	2.30	2.75

HD0618

Part Number	L(uH)	Test Freq (KHZ)	DCR(mΩ) Max	I _{last} (A)	I _{rHD} (A)
HD0618-R10M	0.1	100	3.50	40.00	18.00
HD0618-R22M	0.22	100	5.20	26.00	14.00
HD0618-R33M	0.33	100	6.80	22.00	13.00
HD0618-R47M	0.47	100	9.30	18.00	11.00
HD0618-R68M	0.68	100	13.90	17.00	9.00
HD0618-1R0M	1.0	100	24.00	13.00	7.00
HD0618-1R5M	1.5	100	34.00	11.50	4.00
HD0618-2R2M	2.2	100	60.00	11.00	3.75
HD0618-3R3M	3.3	100	95.00	10.00	3.25
HD0618-4R7M	4.7	100	120.00	5.00	3.00

HD0624

Part Number	L(uH)	Test Freq (KHZ)	DCR(mΩ) Max	I _{last} (A)	I _{rHD} (A)
HD0624-R47M	0.47	100	6.50	19.00	14.00
HD0624-R68M	0.68	100	9.40	18.00	11.50
HD0624-R82M	0.82	100	11.80	16.00	10.50
HD0624-1R0M	1.0	100	14.20	15.00	10.00
HD0624-1R5M	1.5	100	21.20	13.00	8.00
HD0624-2R2M	2.2	100	21.20	12.00	7.00
HD0624-3R3M	3.3	100	51.60	9.00	5.50
HD0624-4R7M	4.7	100	63.00	7.50	5.00
HD0624-6R8M	6.8	100	95.00	6.00	4.00
HD0624-8R2M	8.2	100	106.00	5.50	3.50



HD0603

Part Number	L(uH)	Test Freq (KHZ)	DCR(mΩ) Max	I _{last} (A)	I _{rHD} (A)
HD0603-R20M	0.2	100	3.00	41.00	24.00
HD0603-R33M	0.33	100	3.10	30.00	20.00
HD0603-R47M	0.47	100	5.30	26.00	17.50
HD0603-R68M	0.68	100	6.40	25.00	16.00
HD0603-R82M	0.82	100	7.80	24.00	13.00
HD0603-1R0M	1.0	100	9.40	22.00	12.00
HD0603-1R5M	1.5	100	14.00	18.00	10.00
HD0603-2R2M	2.2	100	18.00	15.00	8.00
HD0603-3R3M	3.3	100	25.00	11.50	6.00
HD0603-4R7M	4.7	100	45.00	10.00	5.50
HD0603-5R6M	5.6	100	52.00	8.50	5.00
HD0603-6R8M	6.8	100	60.00	8.00	4.50
HD0603-8R2M	8.2	100	65.00	6.50	4.00
HD0603-100M	10	100	72.00	5.50	3.50
HD0603-150M	15	100	105.00	5.00	3.00
HD0603-220M	22	100	165.00	4.50	2.50

HD0604

Part Number	L(uH)	Test Freq (KHZ)	DCR(mΩ) Max	I _{last} (A)	I _{rHD} (A)
HD0604-R47M	0.47	100	3.00	22.00	20.00
HD0604-R68M	0.68	100	5.00	20.00	18.00
HD0604-R82M	0.82	100	6.50	18.00	16.00
HD0604-1R0M	1.0	100	7.00	17.00	14.00
HD0604-1R5M	1.5	100	8.50	15.00	12.00
HD0604-2R2M	2.2	100	17.00	13.00	10.00
HD0604-3R3M	3.3	100	27.00	11.00	9.00
HD0604-4R7M	4.7	100	35.00	9.00	7.00
HD0604-6R8M	6.8	100	45.00	8.00	6.00
HD0604-8R2M	8.2	100	60.00	7.00	5.00
HD0604-100M	10	100	70.00	6.00	4.00



HD0605

Part Number	L(uH)	Test Freq (KHZ)	DCR(mΩ) Max	last (A)	IrHD (A)
HD0605-R56M	0.56	100	3.60	20.00	12.00
HD0605-R68M	0.68	100	4.50	18.00	11.50
HD0605-R82M	0.82	100	4.90	16.50	13.00
HD0605-1R0M	1.0	100	6.50	15.00	13.00
HD0605-1R5M	1.5	100	9.00	12.00	11.00
HD0605-2R2M	2.2	100	13.60	10.00	9.00
HD0605-3R3M	3.3	100	20.90	8.00	7.00
HD0605-4R7M	4.7	100	30.00	7.00	6.50
HD0605-6R8M	6.8	100	44.60	5.50	5.00
HD0605-8R2M	8.2	100	50.70	5.00	4.50
HD0605-100M	10	100	71.30	4.50	4.00

HD1004

Part Number	L(uH)	Test Freq (KHZ)	DCR(mΩ) Max	last (A)	IrHD (A)
HD1004-R22M	0.22	100	1.00	60.00	35.00
HD1004-R36M	0.36	100	1.20	50.00	30.00
HD1004-R47M	0.47	100	1.68	40.00	30.00
HD1004-R56M	0.56	100	1.80	23.00	25.00
HD1004-R68M	0.68	100	2.40	30.00	23.00
HD1004-R82M	0.82	100	4.00	29.00	20.00
HD1004-1R0M	1.0	100	3.30	28.00	18.00
HD1004-1R5M	1.5	100	4.20	32.00	16.00
HD1004-2R2M	2.2	100	7.00	18.00	12.00
HD1004-3R3M	3.3	100	11.80	16.00	10.00
HD1004-4R7M	4.7	100	20.00	15.00	8.50
HD1004-5R6M	5.6	100	23.00	14.00	8.00
HD1004-6R8M	6.8	100	25.00	12.00	7.00
HD1004-8R2M	8.2	100	27.00	9.00	6.00
HD1004-100M	10	100	30.00	8.50	7.50
HD1004-150M	15	100	45.00	7.00	6.25
HD1004-220M	22	100	66.00	5.50	5.00



HD1005

Part Number	L(uH)	Test Freq (KHZ)	DCR(mΩ) Max	I _{last} (A)	I _{rHD} (A)
HD1005-R82M	0.82	100	7.00	39.00	22.00
HD1005-1R0M	1.0	100	7.50	32.00	17.50
HD1005-1R2M	1.2	100	7.90	29.00	19.50
HD1005-1R5M	1.5	100	8.00	27.50	15.00
HD1005-2R2M	2.2	100	10.00	21.50	12.00
HD1005-3R3M	3.3	100	14.00	18.60	10.00
HD1005-4R7M	4.7	100	23.60	16.50	9.50
HD1005-5R6M	5.6	100	25.00	15.00	8.50
HD1005-6R8M	6.8	100	30.00	14.00	8.00
HD1005-8R2M	8.2	100	35.00	12.50	7.00
HD1005-100M	10	100	38.00	11.50	6.80
HD1005-150M	15	100	55.00	9.00	5.00
HD1005-220M	22	100	58.00	8.00	4.50
HD1005-330M	33	100	90.00	3.50	3.50
HD1005-470M	47	100	130.00	5.00	3.00

HD1204

Part Number	L(uH)	Test Freq (KHZ)	DCR(mΩ) Max	I _{last} (A)	I _{rHD} (A)
HD1204-R22M	0.22	100	0.60	85.50	45.00
HD1204-R33M	0.33	100	0.78	80.50	42.00
HD1204-R47M	0.47	100	0.95	65.00	38.00
HD1204-R56M	0.56	100	1.42	55.00	36.00
HD1204-R68M	0.68	100	1.93	54.00	34.00
HD1204-1R0M	1.0	100	2.04	35.00	23.00
HD1204-1R5M	1.5	100	5.50	30.00	18.00
HD1204-2R2M	2.2	100	8.00	29.00	16.00
HD1204-3R3M	3.3	100	12.00	25.00	11.00
HD1204-4R7M	4.7	100	15.00	20.00	9.00
HD1204-5R6M	5.6	100	18.00	19.00	8.50
HD1204-6R8M	6.8	100	22.00	18.00	8.00
HD1204-8R2M	8.2	100	28.00	16.00	7.50
HD1204-100M	10	100	34.00	14.00	6.00



HD1205

Part Number	L(uH)	Test Freq (KHZ)	DCR(mΩ) Max	last (A)	IrHD (A)
HD1205-R47M	0.47	100	1.80	50.00	35.00
HD1205-R82M	0.82	100	6.50	53.00	31.00
HD1205-1R0M	1.0	100	7.00	50.00	29.00
HD1205-1R2M	1.2	100	7.50	49.00	26.00
HD1205-1R5M	1.5	100	8.00	48.00	23.00
HD1205-2R2M	2.2	100	9.00	32.00	20.00
HD1205-3R3M	3.3	100	11.00	27.50	15.00
HD1205-4R7M	4.7	100	14.20	21.00	11.00
HD1205-5R6M	5.6	100	23.00	18.00	9.50
HD1205-6R8M	6.8	100	32.00	15.00	8.50
HD1205-8R2M	8.2	100	36.00	12.00	7.50
HD1205-100M	10	100	39.00	10.00	6.50

HD1206

Part Number	L(uH)	Test Freq (KHZ)	DCR(mΩ) Max	last (A)	IrHD (A)
HD1206-4R7M	4.7	100	13.00	22.50	12.00
HD1206-5R6M	5.6	100	15.00	20.00	11.50
HD1206-6R8M	6.8	100	17.00	18.50	11.50
HD1206-8R2M	8.2	100	23.00	17.00	9.50
HD1206-100M	10	100	30.00	16.00	9.00

HD1207

Part Number	L(uH)	Test Freq (KHZ)	DCR(mΩ) Max	last (A)	IrHD (A)
HD1207-820M	82	100	125.00	5.00	2.00
HD1207-101M	100	100	140.00	3.50	1.00