

HL0402A series Standard Specifications

Part No.	Inductance (μ H)	Test Freq.	DCR(m Ω) Max	Isat(A) Typ	Irms(A) Typ	Marking
HL0402A-R10M	0.10	100kHz,0.1V	2.42	33.0	18.0	R10
HL0402A-R22M	0.22	100kHz,0.1V	4.60	18.8	16.8	R22
HL0402A-R36M	0.36	100kHz,0.1V	6.30	15.0	14.5	R36
HL0402A-R40M	0.40	100kHz,0.1V	7.73	13.5	14.0	R40
HL0402A-R47M	0.47	100kHz,0.1V	8.58	13.0	12.5	R47
HL0402A-R56M	0.56	100kHz,0.1V	9.30	12.6	12.0	R56
HL0402A-R60M	0.60	100kHz,0.1V	9.52	12.3	11.7	R60
HL0402A-R72M	0.72	100kHz,0.1V	11.60	10.6	10.5	R72
HL0402A-1R0M	1.00	100kHz,0.1V	14.60	8.8	9.6	1R0
HL0402A-1R2M	1.20	100kHz,0.1V	17.90	7.8	9.0	1R2
HL0402A-1R5M	1.50	100kHz,0.1V	23.50	7.4	7.6	1R5
HL0402A-1R8M	1.80	100kHz,0.1V	28.00	7.0	7.0	1R8
HL0402A-2R2M	2.20	100kHz,0.1V	38.70	6.0	5.6	2R2

HL0403A series Standard Specifications

Part No.	Inductance (μ H)	Test Freq.	DCR(m Ω) Max	Isat(A) Typ	Irms(A) Typ	Marking
HL0403A-R75M	0.75	100kHz,0.1V	10.8	9.0	10.0	R75
HL0403A-3R3M	3.30	100kHz,0.1V	28.6	5.5	6.6	3R3
HL0403A-4R7M	4.70	100kHz,0.1V	44.1	4.5	5.1	4R7
HL0403A-6R8M	6.80	100kHz,0.1V	74.1	3.6	3.9	6R8

NOTE: \pm tolerance M=±20% / T=±30%

1. Operating temperature range -40°C ~ 125°C (Including self - temperature rise)
2. Saturation Current (Isat) will cause L0 to drop approximately 30%. (Internal control standards at 40% max)
3. I rms for a 40°C temperature rise from 25°C ambient.
4. Operating voltage: 0 – 55 V