

## HL1508A series Standard Specifications

Part No.	Inductance ( $\mu$ H)	Test Freq.	DCR(m $\Omega$ ) Max	Isat(A) Typ	Irms(A) Typ	Marking
HL1508A-2R0M	2.0	100kHz,0.1V	2.2	52.0	40.0	2R0
HL1508A-2R2M	2.2	100kHz,0.1V	2.5	49.0	37.0	2R2
HL1508A-3R0M	3.0	100kHz,0.1V	3.0	41.0	34.5	3R0
HL1508A-4R2M	4.2	100kHz,0.1V	4.7	33.0	27.0	4R2
HL1508A-4R7M	4.7	100kHz,0.1V	5.2	32.0	26.5	4R7
HL1508A-5R3M	5.3	100kHz,0.1V	5.3	31.0	26.0	5R3
HL1508A-6R2M	6.2	100kHz,0.1V	6.5	31.0	23.0	6R2
HL1508A-7R2M	7.2	100kHz,0.1V	7.2	29.0	21.0	7R2
HL1508A-8R2M	8.2	100kHz,0.1V	7.9	25.0	19.0	8R2

## HL1510A series Standard Specifications

Part No.	Inductance ( $\mu$ H)	Test Freq.	DCR(m $\Omega$ ) Max	Isat(A) Typ	Irms(A) Typ	Marking
HL1510A-4R7M	4.7	100kHz,0.1V	3.80	39.0	29.0	4R7
HL1510A-5R6M	5.6	100kHz,0.1V	4.20	37.0	28.0	5R6
HL1510A-6R8M	6.8	100kHz,0.1V	4.60	36.0	26.0	6R8
HL1510A-8R2M	8.2	100kHz,0.1V	7.20	30.0	24.0	8R2
HL1510A-100M	10.0	100kHz,0.1V	8.60	26.5	22.0	100
HL1510A-150M	15.0	100kHz,0.1V	11.50	23.0	18.0	150
HL1510A-220M	22.0	100kHz,0.1V	15.80	18.7	14.0	220
HL1510A-330M	33.0	100kHz,0.1V	20.00	16.7	12.0	330

**NOTE:** L 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