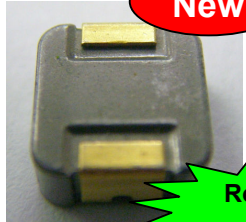


Electrical / Environmental



New

RoHs

HM72B-06 series

High power low cost molded SMD Inductor

- Operating Temperature Range -40°C to +155°C
- Storage Temperature Range -40°C to +155°C
- Temperature Rise, Maximum 50°C

Specifications @25°C

Part Number	Inductance, Lo (μH) @100KHz, 0Adc			Heating Current (2) (Adc)	I _{sat} (1) (Adc)	DCR (3) (mΩ) Max.	
	Min.	Typ.	Max.			Typ.	Max.
HM72B-06R10LF	0.08	0.10	0.12	26.2	60	1.5	1.7
HM72B-06R15LF	0.12	0.15	0.18	23.3	52	1.9	2.5
HM72B-06R20LF	0.16	0.20	0.24	21.2	41	2.3	3.0
HM72B-06R22LF	0.18	0.22	0.26	20.3	40	2.5	2.8
HM72B-06R33LF	0.26	0.33	0.40	18.0	30	3.2	3.9
HM72B-06R47LF	0.38	0.47	0.56	16.1	26	4.0	4.2
HM72B-06R68LF	0.54	0.68	0.82	14.4	25	5.0	5.5
HM72B-06R82LF	0.66	0.82	0.98	12.0	24	7.2	8.0
HM72B-061R0LF	0.80	1.00	1.20	10.3	22	9.0	10.0
HM72B-061R5LF	1.20	1.50	1.80	8.4	18	14.5	15.0
HM72B-062R2LF	1.76	2.20	2.64	8.3	14	15.0	20.0
HM72B-063R3LF	2.64	3.30	3.96	6.6	13.5	26.5	28.0
HM72B-064R7LF	3.76	4.70	5.64	5.4	10	35.0	40.0
HM72B-066R8LF	5.44	6.80	8.16	4.1	8	62.0	68.0
HM72B-06100LF	8.0	10.0	12.0	3.2	7	100	105
HM72B-06220LF	17.6	22.0	26.4	2.2	4.5	219	241
HM72B-06330LF	26.4	33.0	39.6	1.8	3.5	302	332

Notes:

- (1) I_{sat} Current is the approximate current at which inductance will be decreased by 20 % typical from its initial (zero DC) value.
- (2) The heating current is the DC current, which causes the component temperature to increase by approximately 50°C. This current is determined by soldering the component on a typical application PCB, and then applies the current to the device for 30 minutes.
- (3) DC Resistance is measured at 25°C.

