

Electrical / Environmental

HM72B-12



High Power High Performance Molded
Surface Mount Inductors

- Operating & Storage Temperature -40°C to +130°C
- Temperature Rise, Maximum 50°C
- Operating Frequency Up to 3MHz

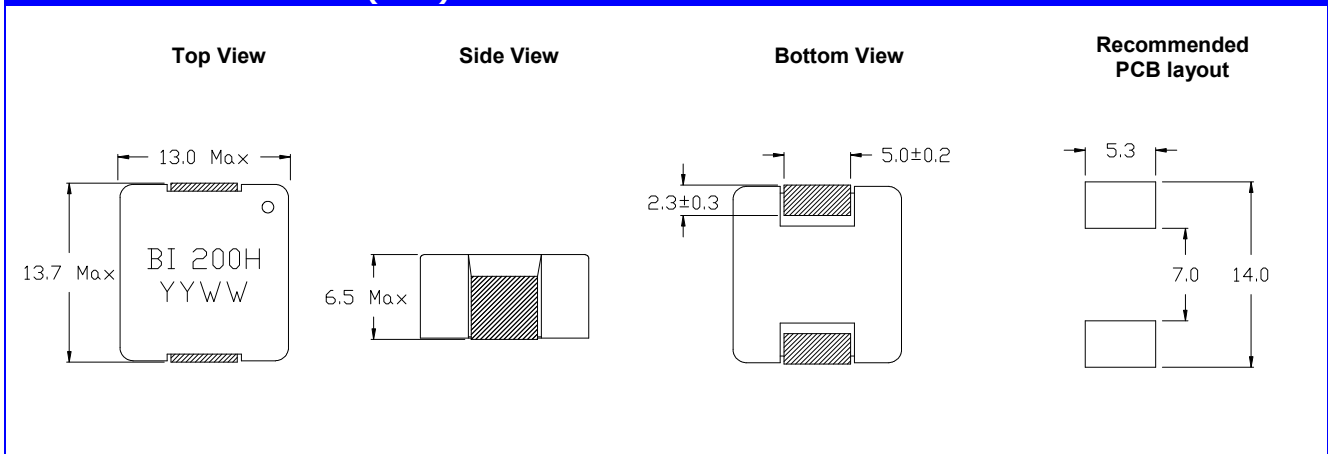
Specification @ 25°C

Part Number	Inductance ⁽¹⁾ μH±20%	Heat Rating current	Isat ⁽²⁾ (Adc)	DCR (mΩ)	
				Typ.	Max.
HM72B-121R0HLF	1.00	31.5	51.0	2.35	2.60
HM72B-121R2HLF	1.20	29.5	50.0	2.45	2.95
HM72B-121R5HLF	1.50	26.5	43.0	2.80	3.30
HM72B-121R8HLF	1.80	23.5	45.0	3.00	3.55
HM72B-122R2HLF	2.20	22.5	40.0	4.12	4.62
HM72B-123R3HLF	3.30	18.0	35.0	6.50	7.65
HM72B-124R7HLF	4.70	13.5	26.0	8.65	9.65
HM72B-125R6HLF	5.60	13.0	25.0	10.0	11.3
HM72B-126R8HLF	6.80	11.0	20.0	13.9	15.4
HM72B-128R2HLF	8.20	10.5	19.0	15.1	17.0
HM72B-12100HLF	10.0	9.9	15.0	16.8	19.2
HM72B-12200HLF	20.0	6.7	12.0	35.5	40.5

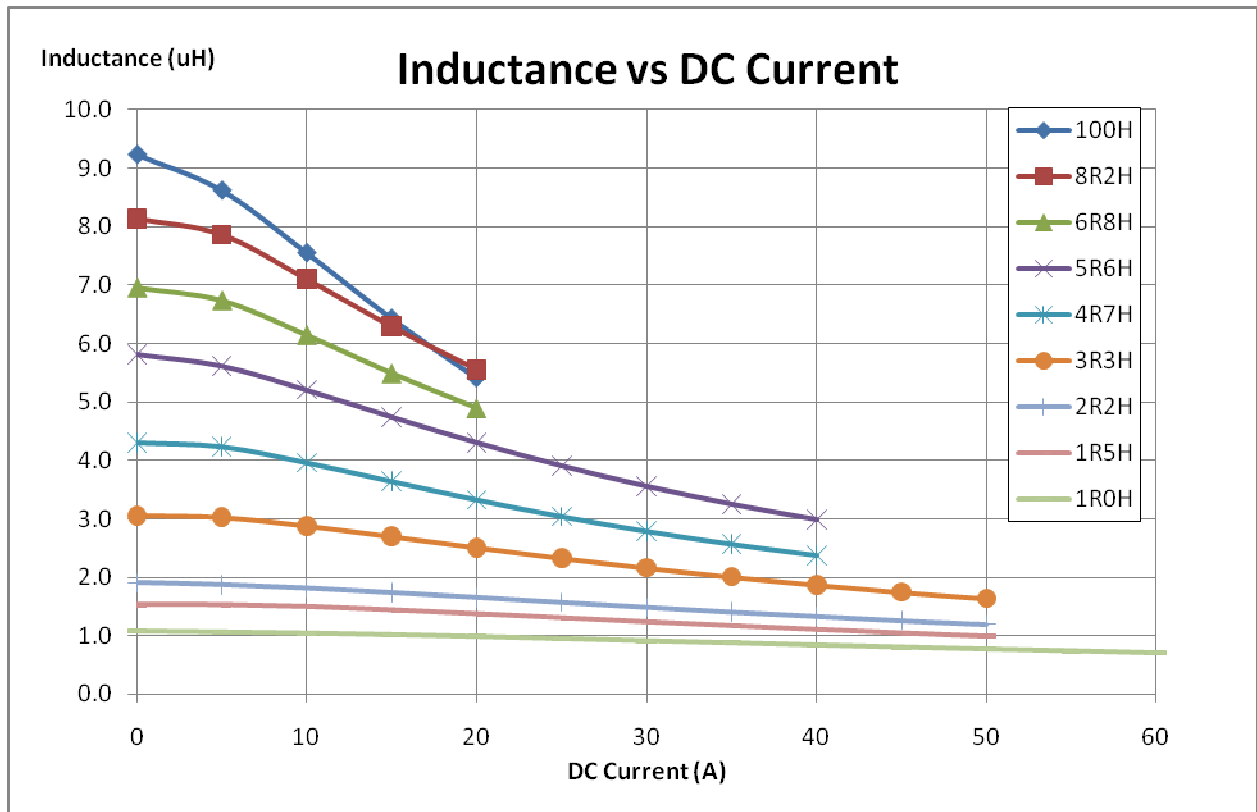
Notes:

- (1) Inductance is measured at 100 kHz, 0.1Vac without DC current.
- (2) The saturation current (Isat) is the typical current at which the inductance will be decreased by 30% from its initial (0 Adc) value.
- (3) The part temperature (ambient + temperature rise) should not exceed 130°C.

Outline Dimensions (mm)



Electrical Characteristic @ 25°C



Packaging / Ordering Information

One reel (13") 400 pcs

