



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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High Power High Performance Molded Surface Mount Inductors

MODEL HM72B-12

Features

- Operating Temperature Range -40°C to +130°C
- Temperature Rise, Maximum +50°C
- Operating Frequency Up to 3MHz
- RoHS Compliant



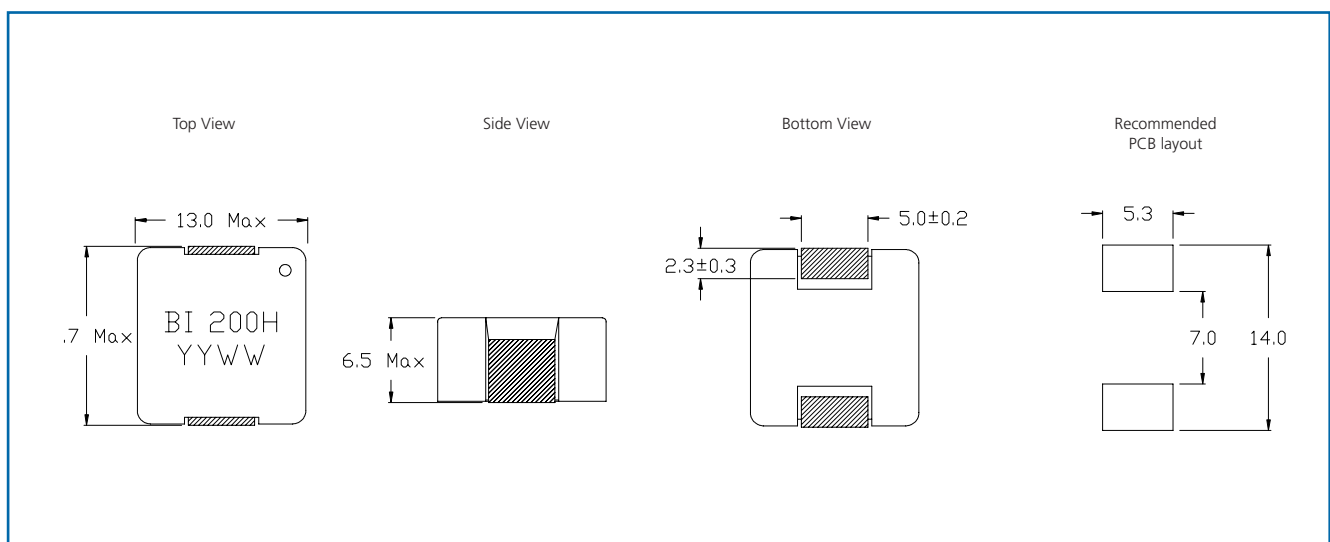
Specifications @ 25°C

Part Number	Inductance ⁽¹⁾ μH±20%	Heat Rating Current	Isat ⁽²⁾ (A dc)	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 A dc) value.
- (3) The part temperature (ambient + temperature rise) should not exceed 130°C.

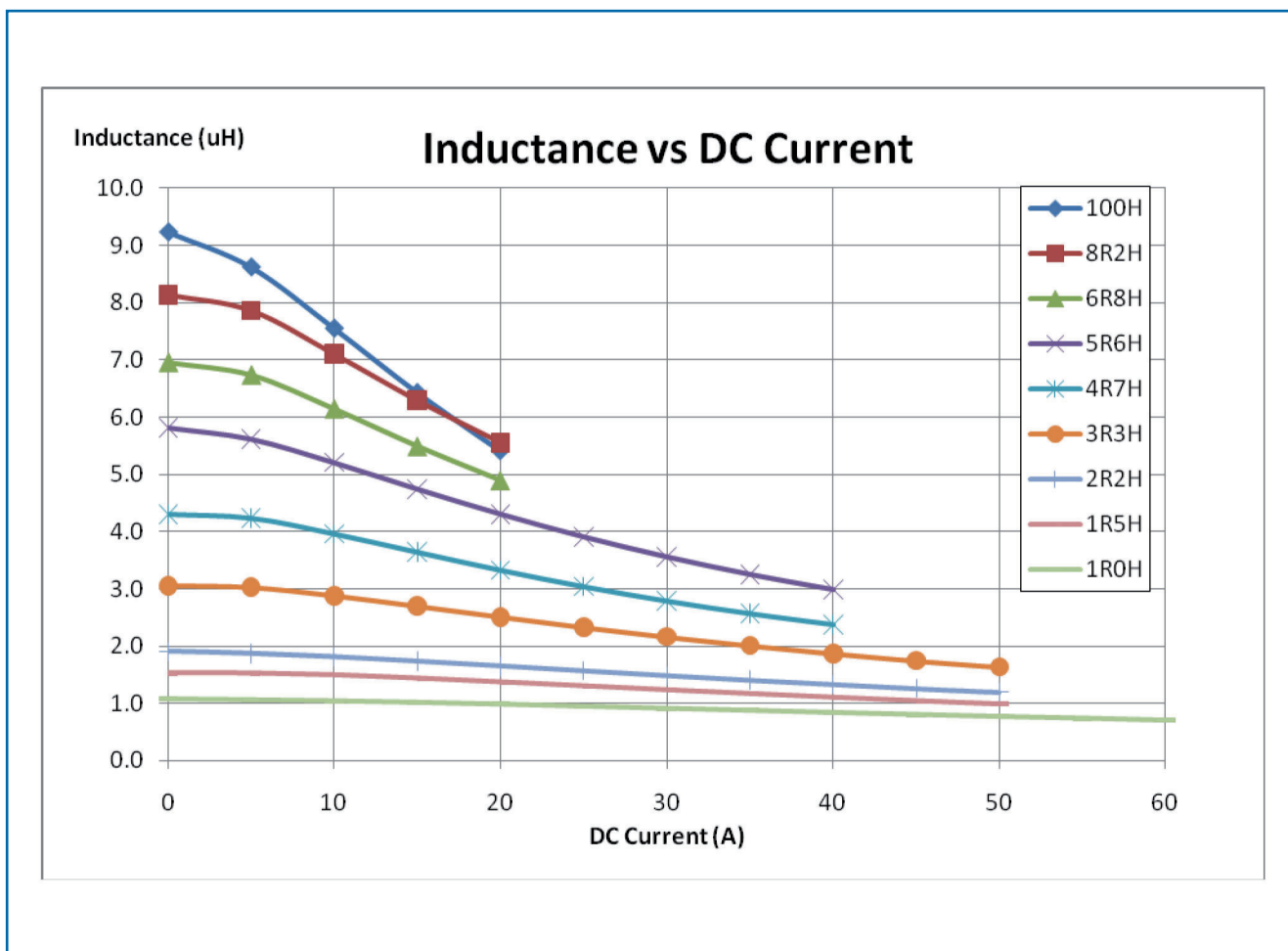
Outline Dimensions (mm)



General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

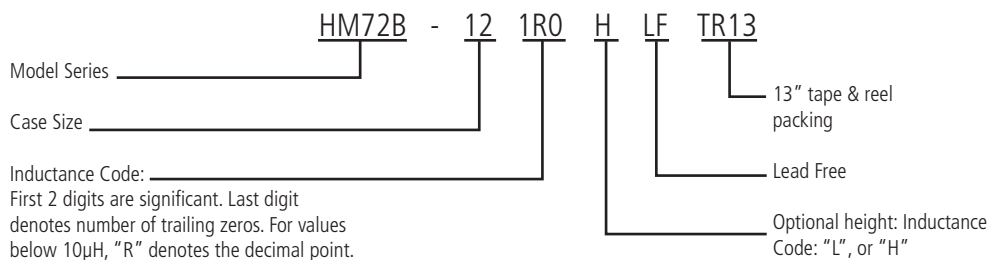
Electrical Characteristic @ 25°C



Packaging

One reel (13")	400 pcs
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Ordering Information



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