

High Current Low Profile Surface Mount Inductors

Model HM65

Features and Benefits

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

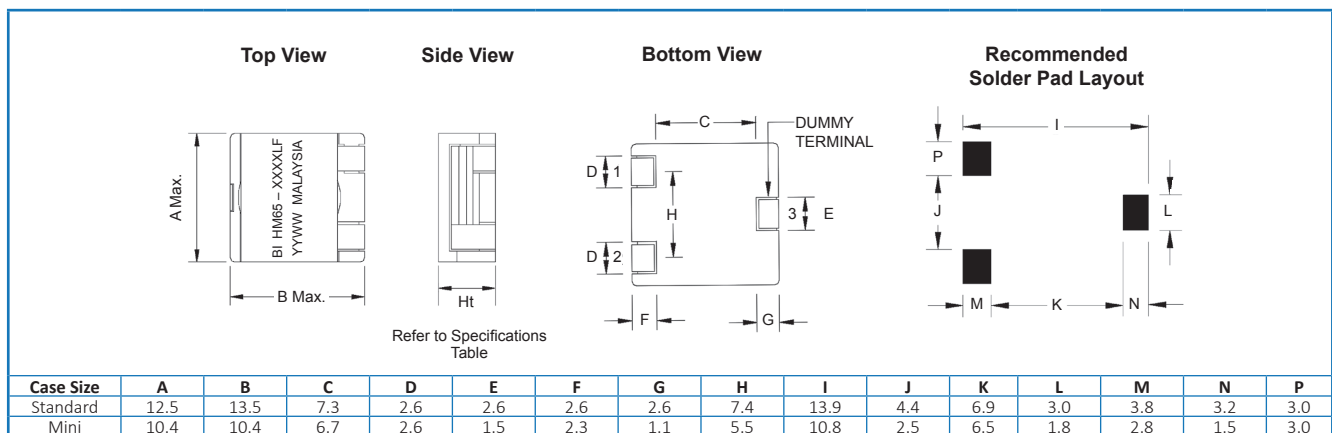


Specifications / Packaging

Part Number	Inductance ⁽¹⁾ Nominal µH ± 20%	Rated DC Current ⁽²⁾ (Amps)		Heating Current ⁽³⁾ (Amps)	DC Resistance ⁽⁴⁾ (Amps)		Case Size	Ht Height mm Max.	13" reel Qty (Units)
		25°C	130°C		mΩ Typ.	mΩ Max.			
HM65-H1R0LF	1.0	20.0	13.5	19.9	1.7	2.5	Standard	5.6	400
HM65-H1R8LF	1.8	15.3	11.5	15.2	2.9	3.4	Standard	5.6	400
HM65-H2R8LF	2.8	12.3	10.5	12.1	4.6	5.4	Standard	5.6	400
HM65-H3R9LF	3.9	10.5	8.3	11.4	5.2	8.0	Standard	5.6	400
HM65-H4R0LF	4.0	10.3	8.0	11.4	5.2	8.0	Standard	5.6	400
HM65-H5R6LF	5.6	8.8	7.5	8.1	10.2	11.4	Standard	5.6	400
HM65-H6R0LF	6.0	8.0	6.5	8.1	10.2	11.4	Standard	5.6	400
HM65-H7R2LF	7.2	7.8	6.0	7.8	11.4	13.5	Standard	6.0	400
HM65-1R5LF	1.5	14.0	10.5	17.1	1.7	2.5	Standard	5.6	400
HM65-2R5LF	2.5	10.0	8.0	15.2	2.9	3.4	Standard	5.6	400
HM65-6R0LF	6.0	6.7	4.5	11.5	5.1	8.0	Standard	5.6	400
HM65-8R2LF	8.2	5.8	4.5	8.1	10.2	11.4	Standard	5.6	400
HM65-100LF	10.0	5.0	4.0	7.8	11.3	13.5	Standard	5.6	400
HM65-P1R0LF	1.0	20.0	20.0	19.9	1.7	2.5	Standard	6.0	400
HM65-P1R2LF	1.2	18.0	18.0	19.9	1.7	2.5	Standard	6.0	400
HM65-P1R8LF	1.8	16.0	16.0	15.2	2.9	3.4	Standard	6.0	400
HM65-P2R5LF	2.5	10.0	10.0	15.2	2.9	3.4	Standard	6.0	400
HM65-M0R5LF	0.5	29.0	24.0	16.3	1.8	3.0	Mini	5.6	500
HM65-M0R8LF	0.8	20.0	16.0	16.3	1.8	3.0	Mini	5.6	500
HM65-M2R5LF	2.5	12.0	10.0	9.3	5.5	6.8	Mini	5.6	500

Notes: (1) Inductance is measured at 100kHz, 0.1V without DC current.
 (2) Rated DC current is the approximate current at which inductance will be decreased by 25% from its initial (zero DC) value.
 (3) Heating current is the DC current which causes the inductor temperature to increase by approximately 40°C.
 (4) DC resistance is measured at 25°C.

Outline Dimensions (mm)

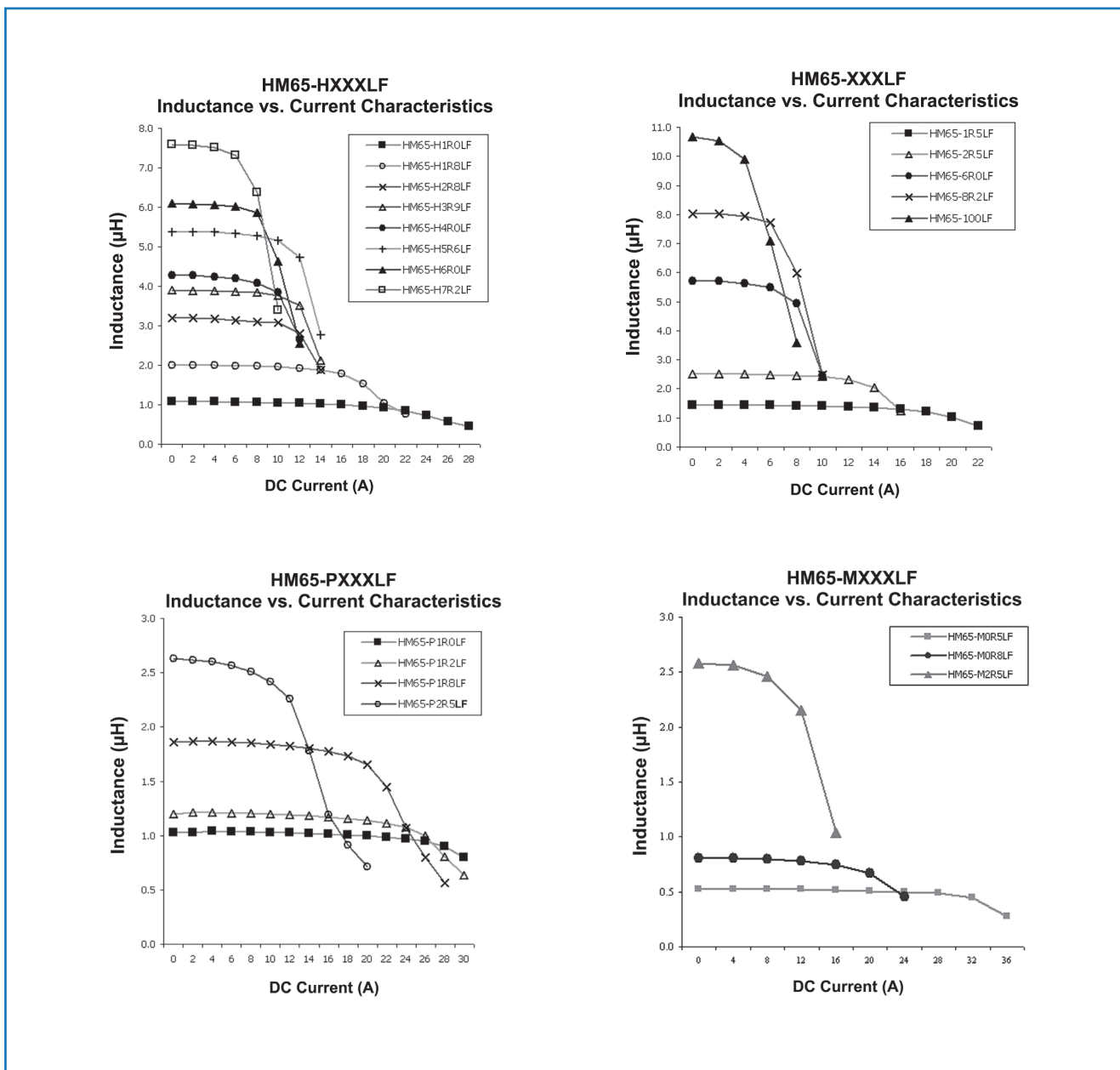


General Note

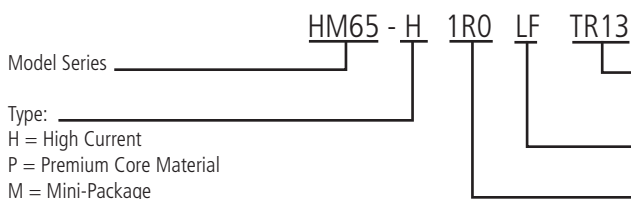
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Model HM65

Electrical Characteristic @ 25°C



Ordering Information



TR - Tape & Reel Packing
13 - 13" reel

Lead-Free

Inductance Code:
First 2 digits are significant. Last digit denotes the number of trailing zeros. For values below 10µH, "R" denotes the decimal point

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