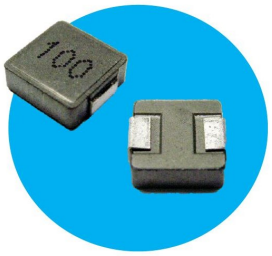
Power Inductors

Model HM72L-0624 series

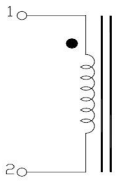
Features:

- Operating Temperature Range –55°C to +125°C
- Ambient Temperature, Maximum +85°C
- Temperature Rise, 40°C
- RoHS Compliant



All parts are Pb-free and comply with EU Directive 2011/65/EU (RoHS2)

Schematic



Specifications @ 25°C

Part Number	Inductance (µH ±20% @0A	DCR (mΩ) Typ	DCR (mΩ) Max	Irms (A)	Isat (A)	Part Number	Inductance (µH ±20% @0A	DCR (mΩ) Typ.	DCR (mΩ) Max	Irms (A)	Isat (A)
HM72L-0624R10LFTR	0.10	1.5	1.7	30.0	50.0	HM72L-06242R2LFTR	2.20	28.0	34.0	6.5	14.0
HM72L-0624R22LFTR	0.22	2.9	3.2	21.0	34.0	HM72L-06243R3LFTR	3.30	36.5	51.6	5.0	13.0
HM72L-0624R33LFTR	0.33	3.7	4.1	18.0	22.0	HM72L-06244R7LFTR	4.70	45.0	63.0	4.5	9.0
HM72L-0624R47LFTR	0.47	6.0	6.5	13.5	21.0	HM72L-06245R6LFTR	5.60	66.0	73.0	4.0	8.0
HM72L-0624R68LFTR	0.68	8.7	9.4	11.0	18.0	HM72L-06246R8LFTR	6.80	72.5	95.0	3.6	7.0
HM72L-0624R82LFTR	0.82	10.6	11.8	10.0	17.0	HM72L-06248R2LFTR	8.20	95.0	106.0	3.0	6.5
HM72L-06241R0LFTR	1.00	13.1	14.2	9.0	16.0	HM72L-0624100LFTR	10.0	115.6	129.0	2.5	6.0
HM72L-06241R5LFTR	1.50	18.5	21.2	7.5	15.0						

Notes: (1) Isat is the saturation current at which inductance rolls off approximately 30% from its initial (zero DC)
(2) Irms is the approximate current at which ΔT = 40°C
(3) Operating Temperature Range –55°C to +125°C

General Note
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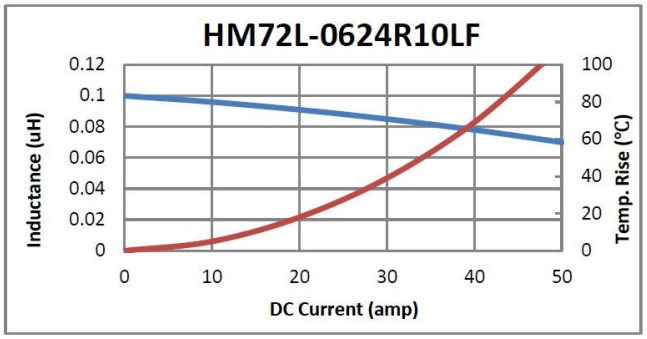
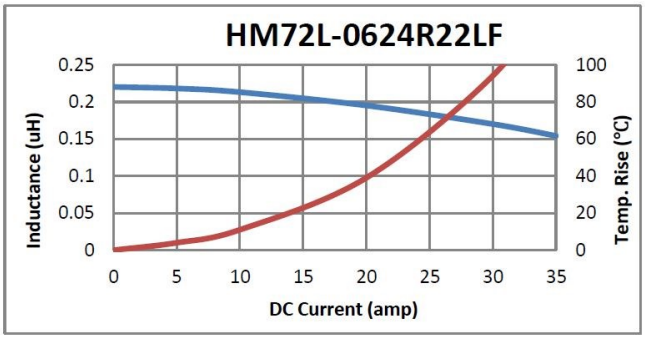
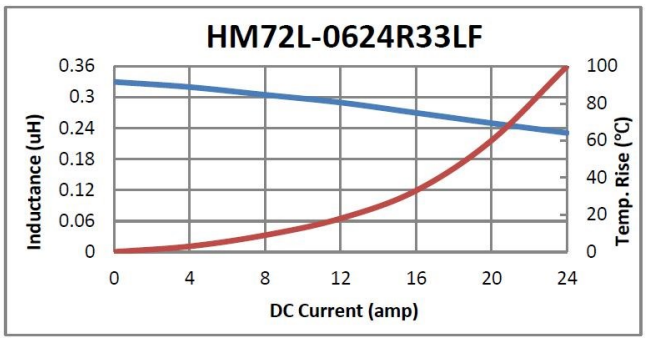
Power Inductors

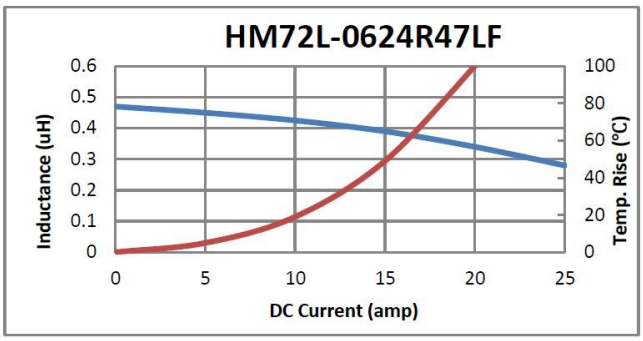
Model HM72L-0624 series

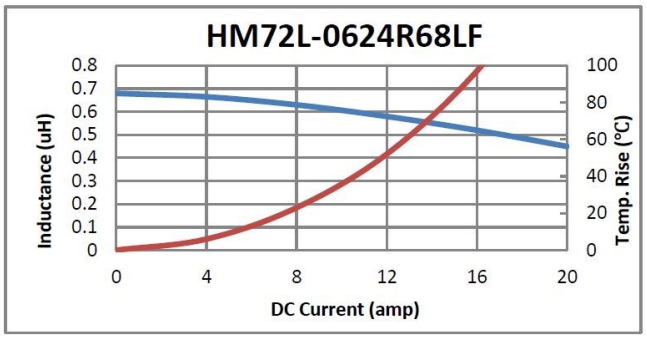
Electrical Specifications @ 25

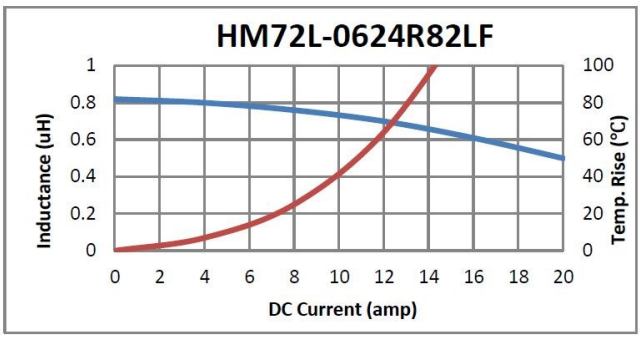


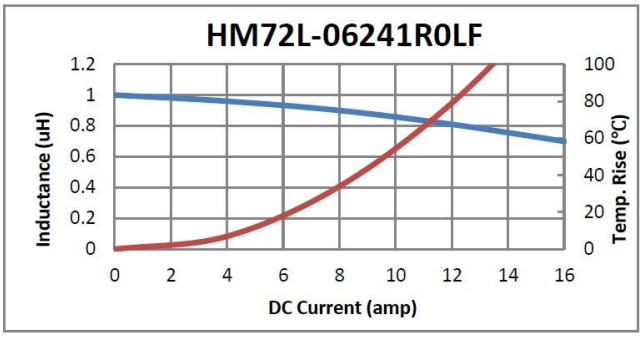


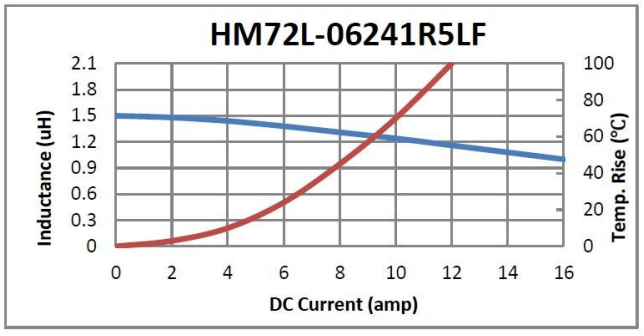












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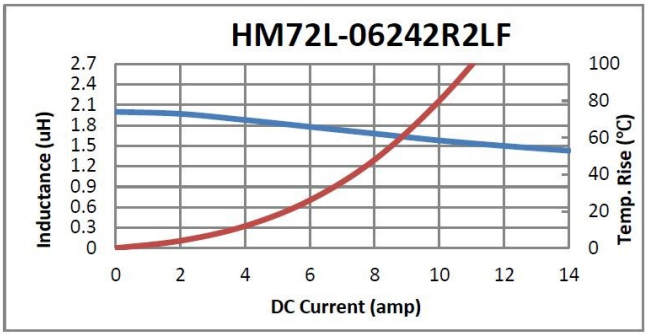
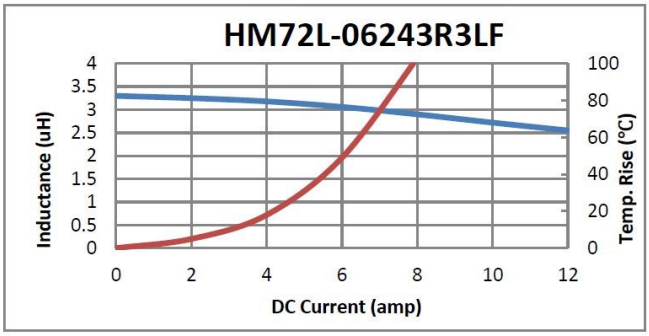
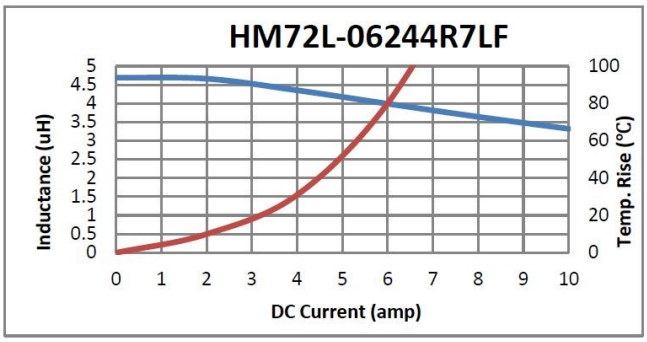
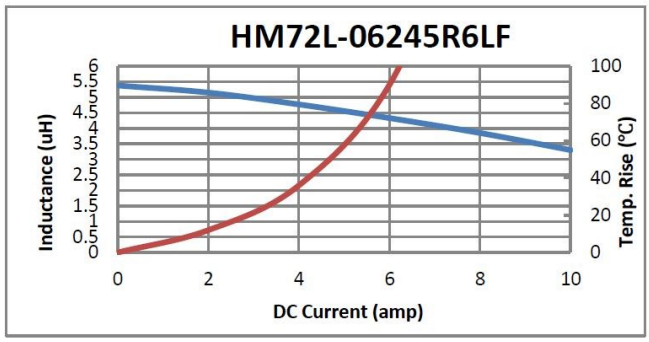
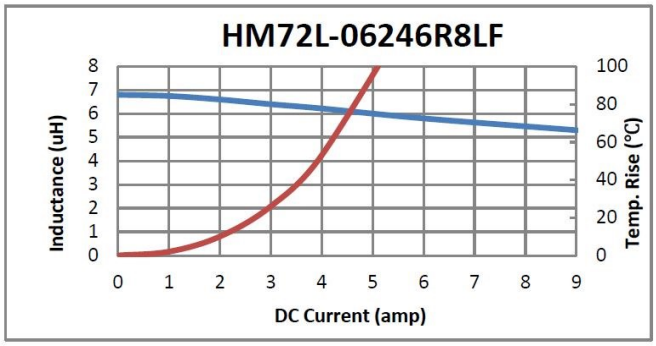
Electrical Specifications @ 25

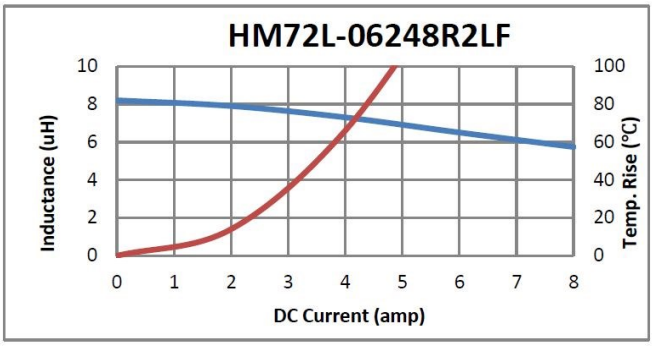


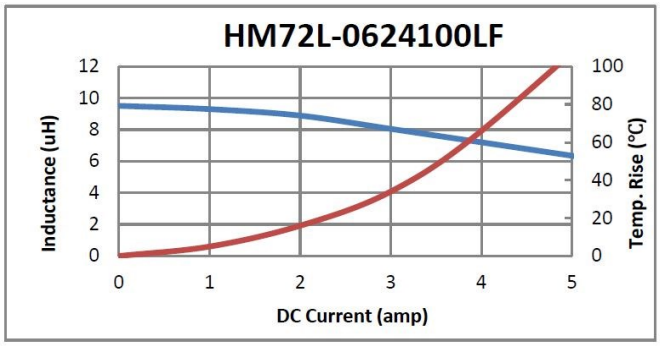












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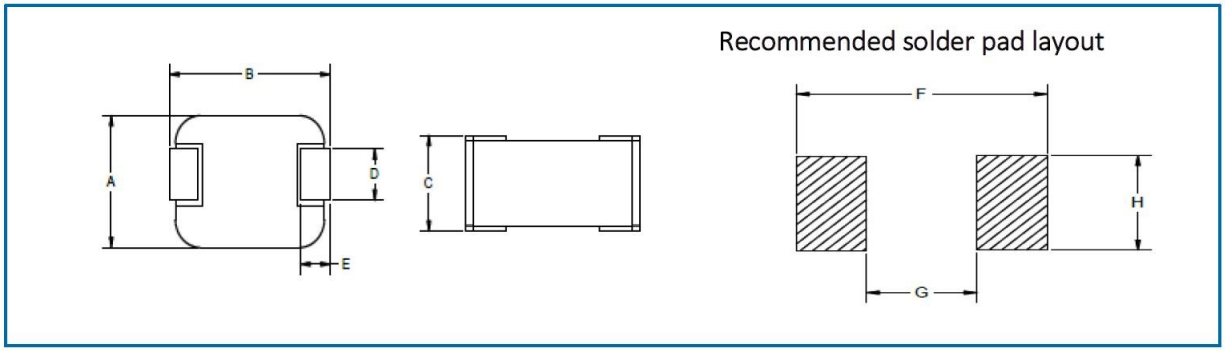
Outline dimensions (mm)



CASE SIZE	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)
0624 series	6.6 ± 0.3	7.1 ± 0.3	2.4	3.0 ± 0.3	1.6 ± 0.5	7.4	3.7	3.5

Packaging

Standard:	Embossed Tape and Reel				
	Reel:	Diameter	All case size	=	13" (330mm)
		Capacity	Case size 0624	=	1,000 units

Ordering information

HM72L – XXXX XXX LF TR

Case Size

Ind Value

Tape & Reel Packing

Lead frame (LF)

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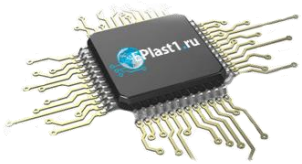
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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