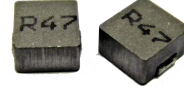



Power Inductors

Model HA72L-0530 series

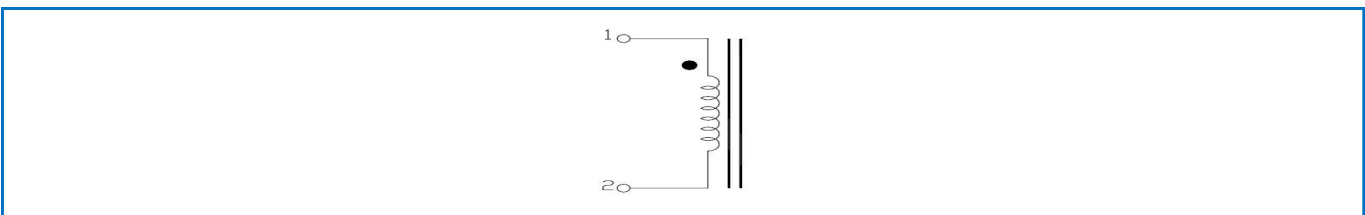
Features:

- Operating Temperature Range -55°C to $+155^{\circ}\text{C}$
- Ambient Temperature, Maximum $+115^{\circ}\text{C}$
- Temperature Rise, 40°C
- RoHS Compliant
- AEC-Q200 Certified



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

Schematic



Specifications @ 25°C

Part Number	Inductance ($\mu\text{H} \pm 20\%$ @0A)	DCR (m Ω) Typ	DCR (m Ω) Max	I _{rms} (A)	I _{sat} (A)	Part Number	Inductance ($\mu\text{H} \pm 20\%$ @0A)	DCR (m Ω) Typ.	DCR (m Ω) Max	I _{rms} (A)	I _{sat} (A)
HA72L-0530R20LFTR	0.20	3.5	3.9	18.0	14.5	HA72L-05302R2LFTR	2.20	25.0	29.0	5.5	7.5
HA72L-0530R47LFTR	0.47	7.4	8.5	13.5	12.0	HA72L-05303R3LFTR	3.30	32.0	38.0	5.0	6.0
HA72L-0530R68LFTR	0.68	11.0	12.0	8.5	14.0	HA72L-05304R7LFTR	4.70	50.0	60.0	3.5	5.0
HA72L-05301R0LFTR	1.00	13.0	14.0	7.0	11.0	HA72L-05306R8LFTR	6.80	75.0	90.0	3.0	4.0
HA72L-05301R2LFTR	1.20	15.0	16.0	6.5	11.0	HA72L-0530100LFTR	10.0	110	125	2.5	3.5
HA72L-05301R5LFTR	1.50	20.0	25.0	6.0	8.5						

- Notes: (1) I_{sat} is the saturation current at which inductance rolls off approximately 30% from its initial (zero DC)
- (2) I_{rms} is the approximate current at which $\Delta T = 40^{\circ}\text{C}$
- (3) Operating Temperature Range -55°C to $+155^{\circ}\text{C}$
- (4) Test condition for all case sizes is 100kHz @ 1V

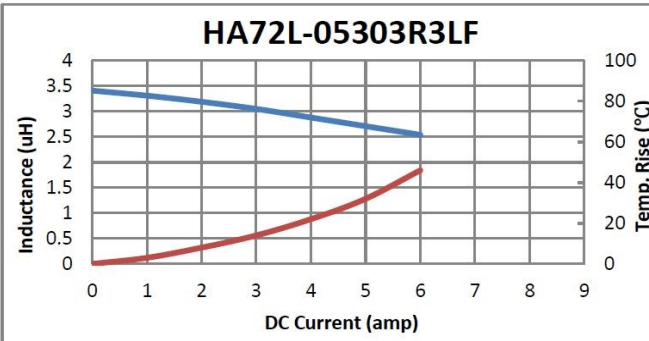
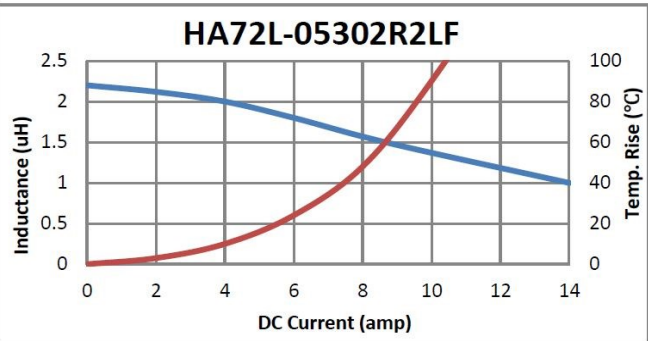
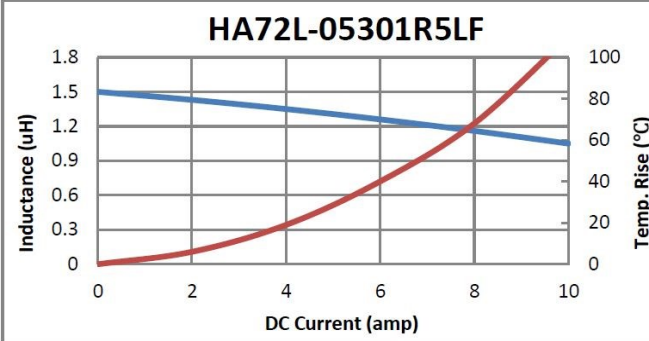
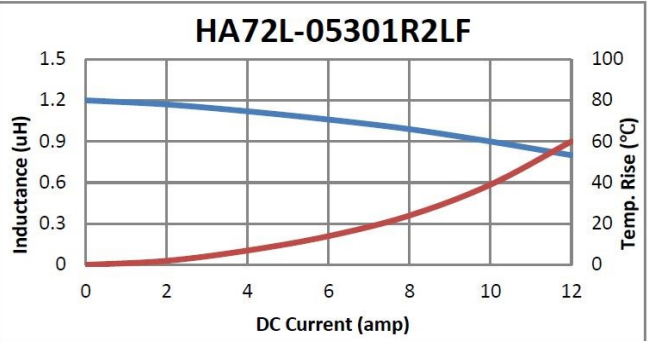
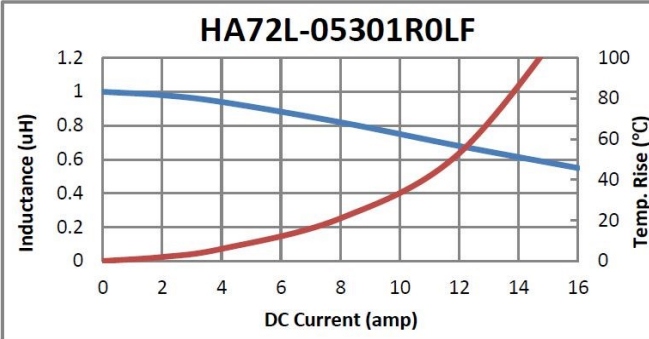
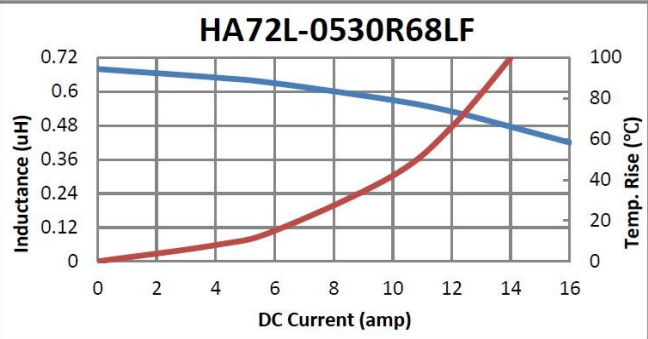
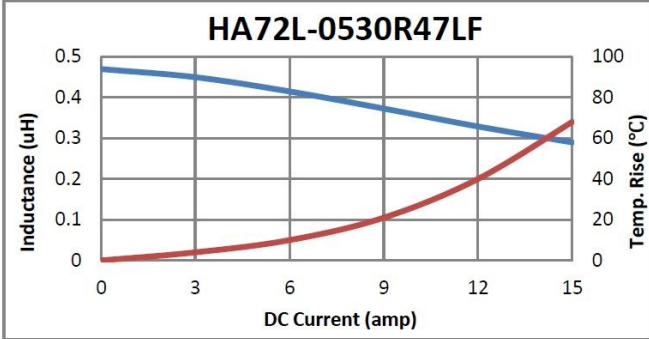
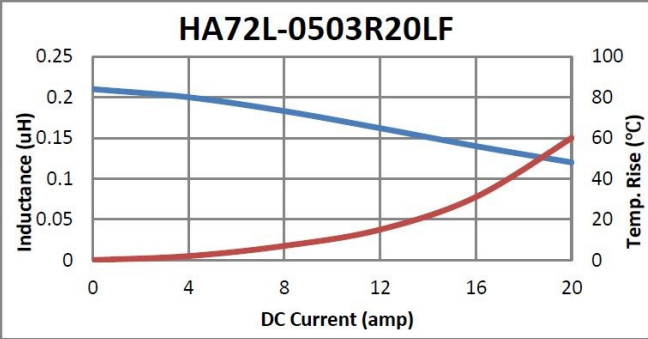
General Note

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Power Inductor

Model HA72L-0530 series

Electrical Characteristics @ 25°C

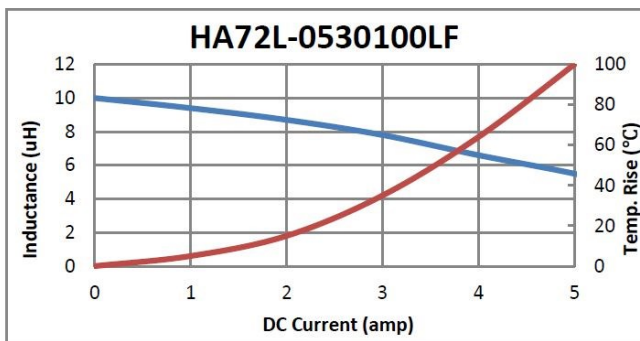
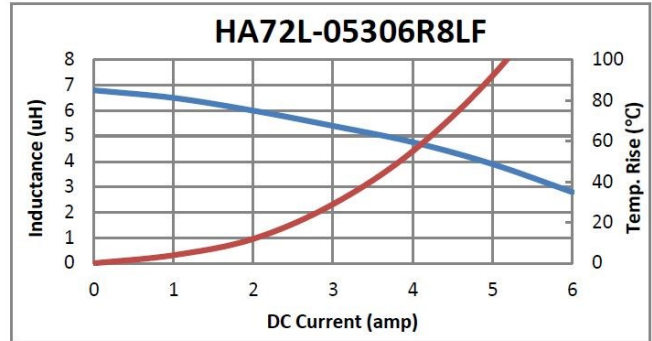
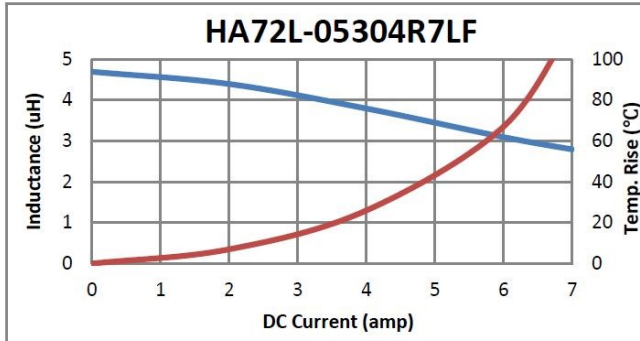


General Note
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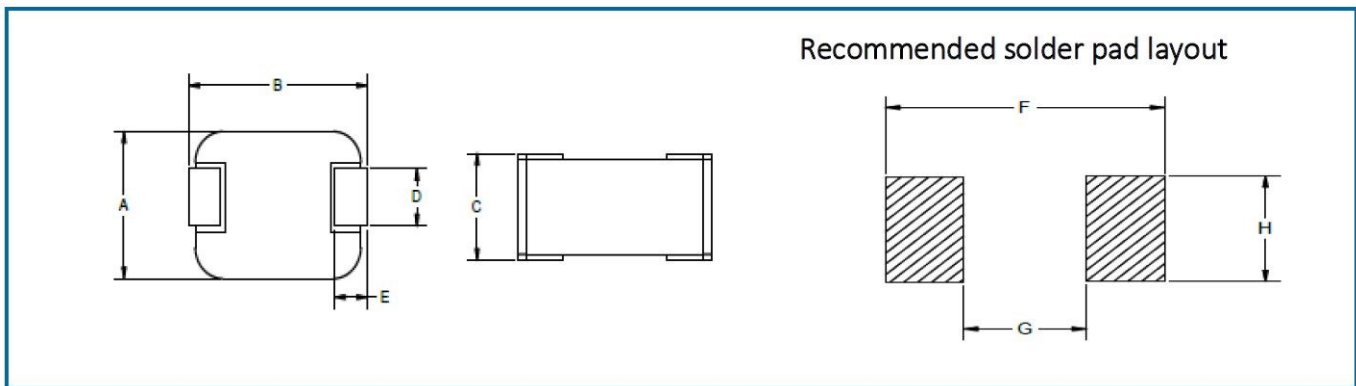
Power Inductor

Model HA72L-0530 series

Electrical Specifications @ 25°C



Outline dimensions (mm)



CASE SIZE	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)
0530 series	5.20 ± 0.3	5.40 ± 0.3	3	2.2 ± 0.3	1.2 ± 0.2	5.99	2.20	2.50

Power Inductor

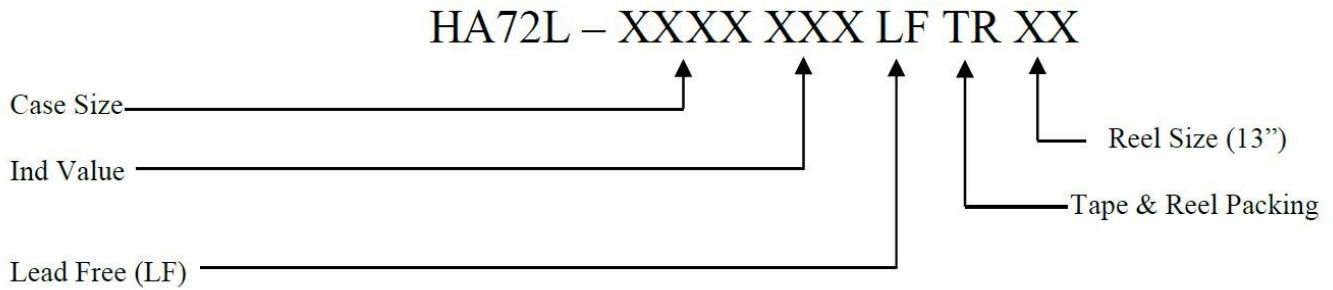
Model HA72L-0530 series



Packaging

Standard:	Embossed Tape and Reel			
	Reel:	Diameter	All case size	= 13" (330mm)
		Capacity	Case size 0530	= 2,000 units

Ordering Information



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