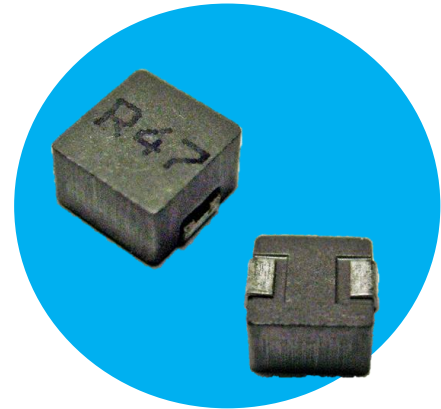



## Power Inductors

MODEL HA72L-0630 series

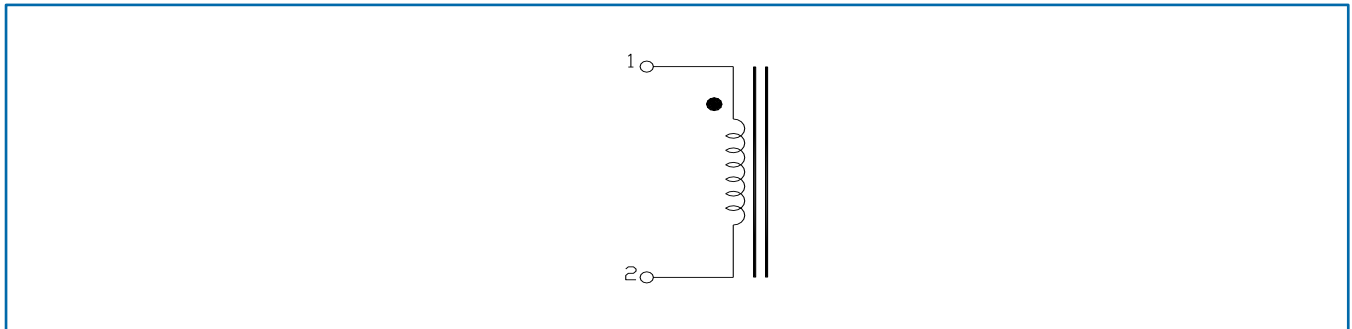
### Features

- Operating Temperature Range -55°C to +155°C
- Ambient Temperature, Maximum +115°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 (μH ±20% @0A)	DCR (mΩ) Typ	DCR (mΩ) Max	I <sub>rms</sub> (A)	I <sub>sat</sub> (A)	Part Number	Inductance (μH ±20% @0A)	DCR (mΩ) Typ.	DCR (mΩ) Max	I <sub>rms</sub> (A)	I <sub>sat</sub> (A)
HA72L-0630R10LFTR	0.10	1.5	1.7	32.5	60.0	HA72L-06301R5LFTR	1.50	14.0	15.0	9.0	18.0
HA72L-0630R15LFTR	0.15	1.9	2.5	26.0	52.0	HA72L-06302R2LFTR	2.20	18.0	20.0	8.0	14.0
HA72L-0630R20LFTR	0.20	2.4	3.0	24.0	41.0	HA72L-06303R3LFTR	3.30	28.0	30.0	6.0	13.5
HA72L-0630R22LFTR	0.22	2.5	2.8	23.0	40.0	HA72L-06304R7LFTR	4.70	37.0	40.0	5.5	10.0
HA72L-0630R33LFTR	0.33	3.5	3.9	20.0	30.0	HA72L-06305R6LFTR	5.60	52.0	60.0	4.8	10.0
HA72L-0630R47LFTR	0.47	4.0	4.2	17.5	26.0	HA72L-06306R8LFTR	6.80	54.0	60.0	4.5	8.0
HA72L-0630R56LFTR	0.56	5.0	5.5	15.5	25.0	HA72L-06308R2LFTR	8.20	64.0	68.0	4.0	7.5
HA72L-0630R68LFTR	0.68	5.0	5.5	15.5	25.0	HA72L-0630100LFTR	10.0	102.0	105.0	3.0	7.0
HA72L-0630R82LFTR	0.82	6.7	8.0	13.0	24.0	HA72L-0630150LFTR	15.0	110.0	125.0	3.5	3.0
HA72L-06301R0LFTR	1.00	9.0	10.0	11.0	22.0	HA72L-0630220LFTR	22.0	129.0	135.0	2.9	2.5

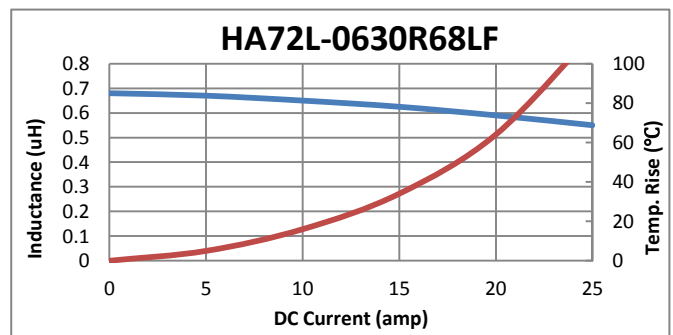
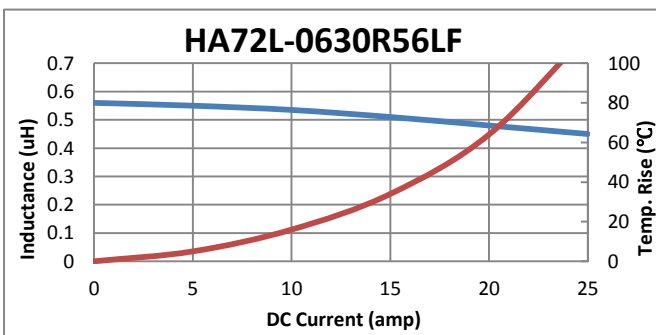
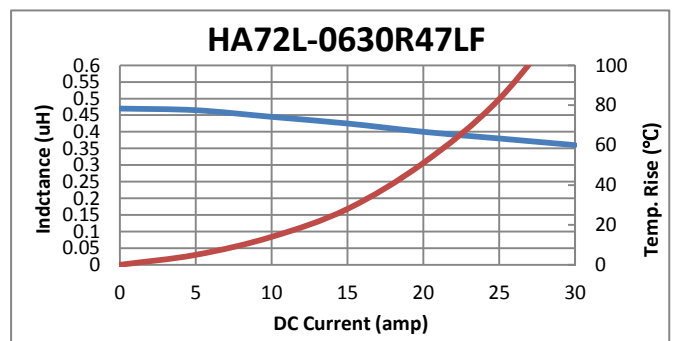
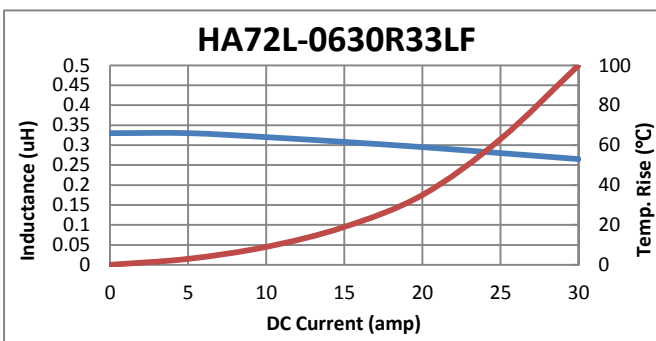
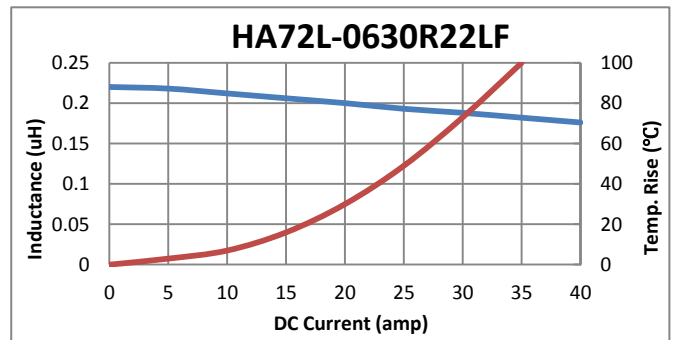
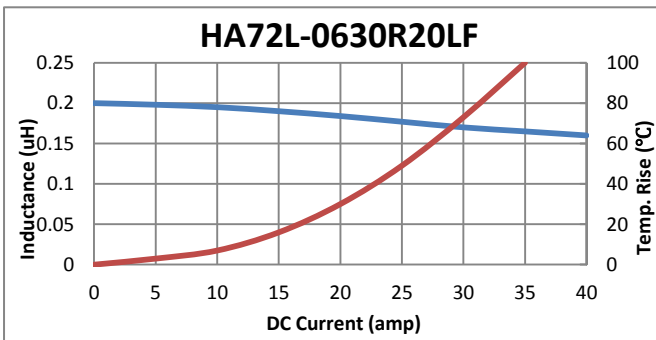
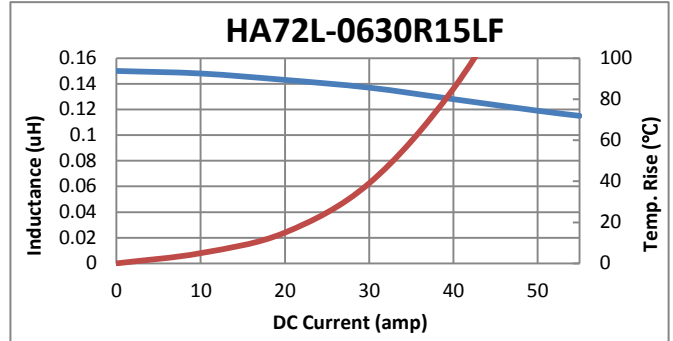
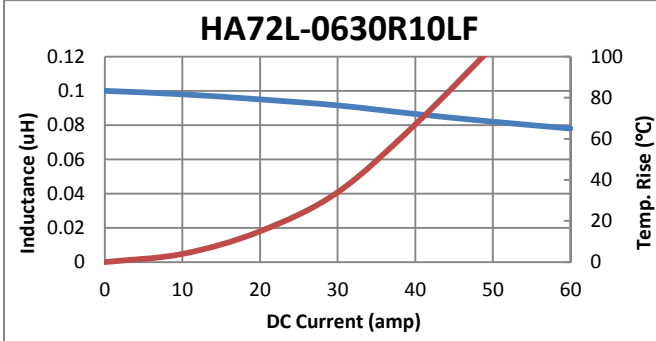
- Notes: (1) I<sub>sat</sub> is the saturation current at which inductance rolls off approximately 30% from its initial (zero DC)  
 (2) I<sub>rms</sub> is the approximate current at which ΔT = 40°C  
 (3) Operating Temperature Range -55°C to +155°C

#### General Note

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MODEL HA72L-0630 series

Electrical Characteristics @ 25°C

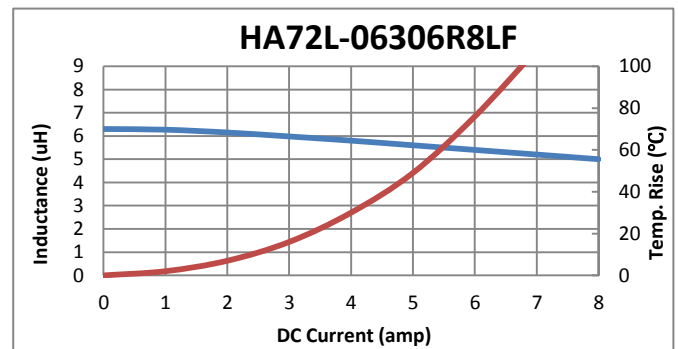
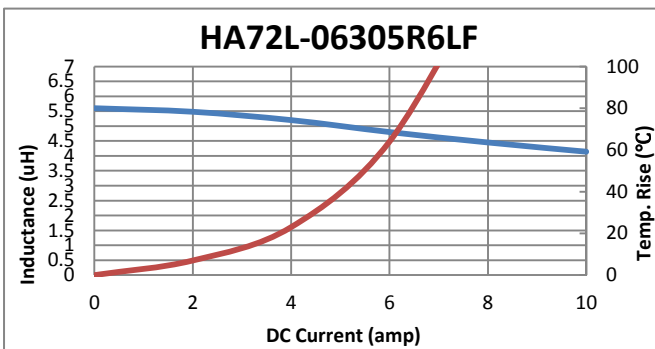
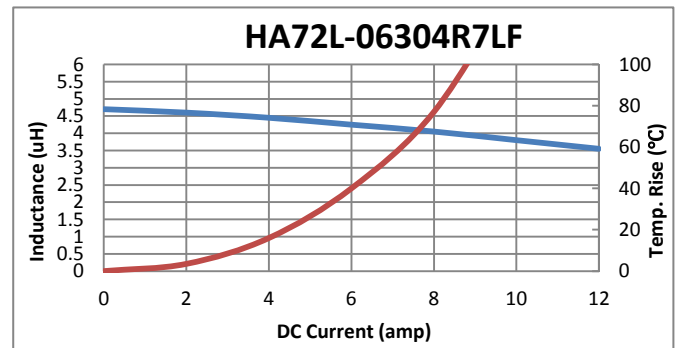
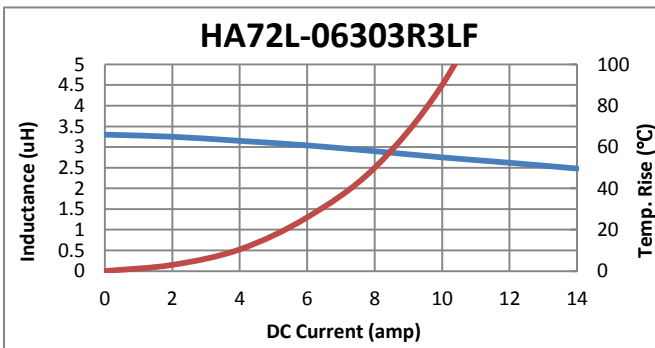
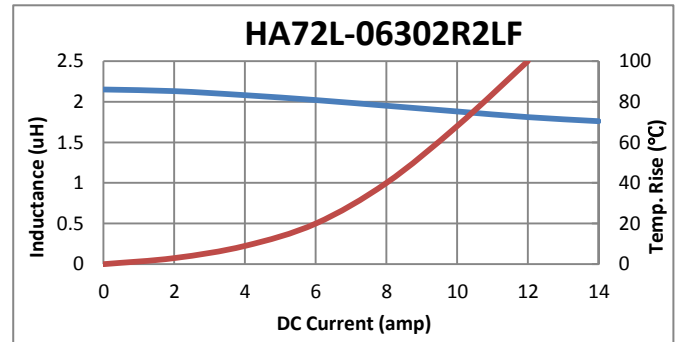
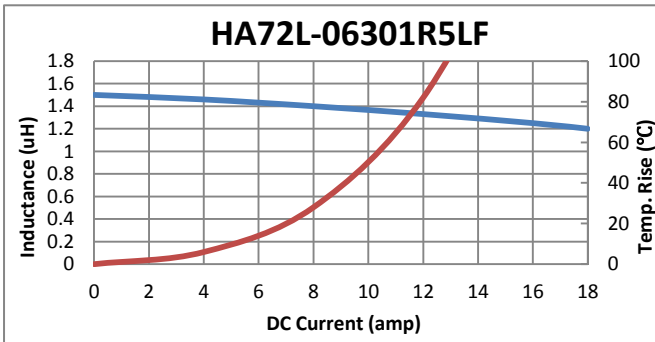
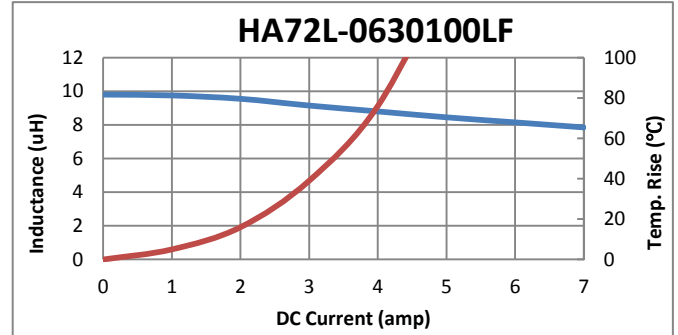
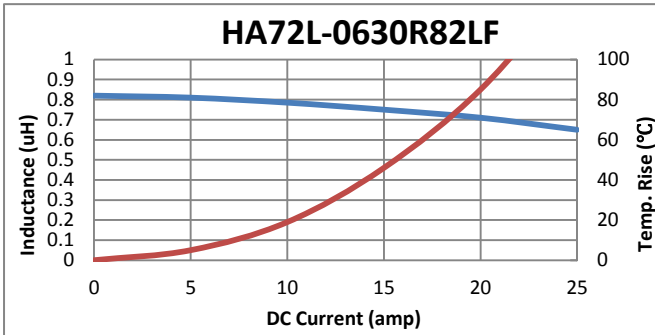


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MODEL HA72L-0630 series

Electrical Characteristics @ 25°C

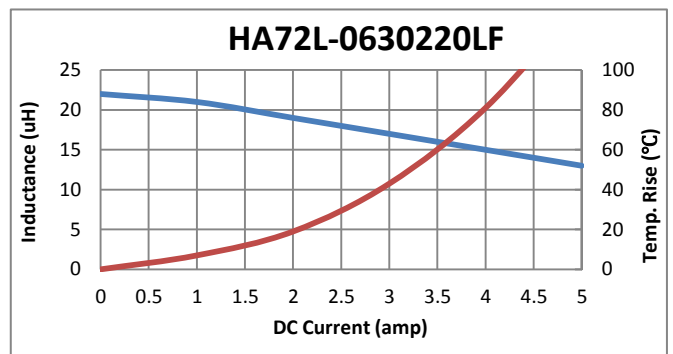
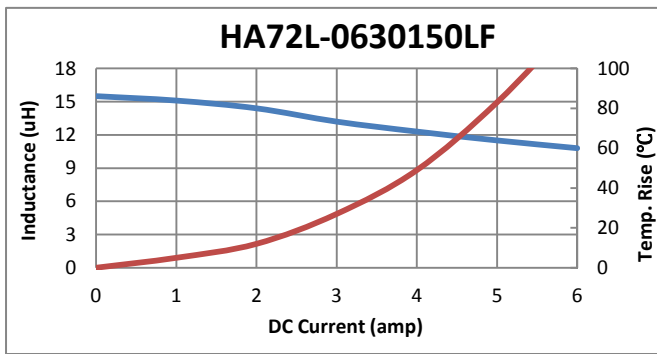
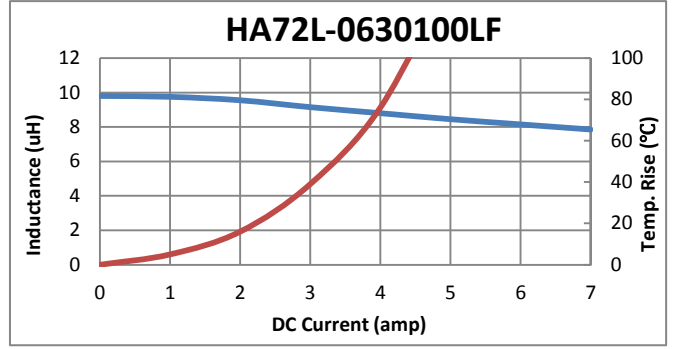
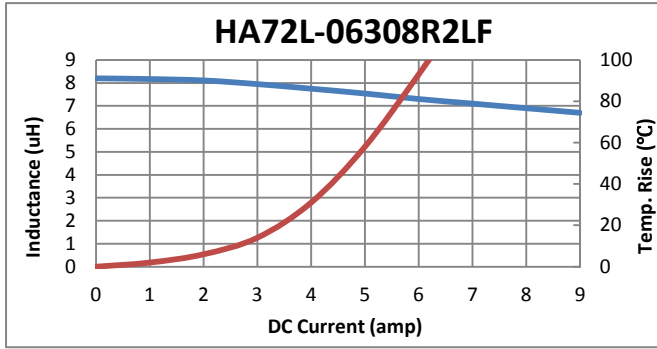


General Note

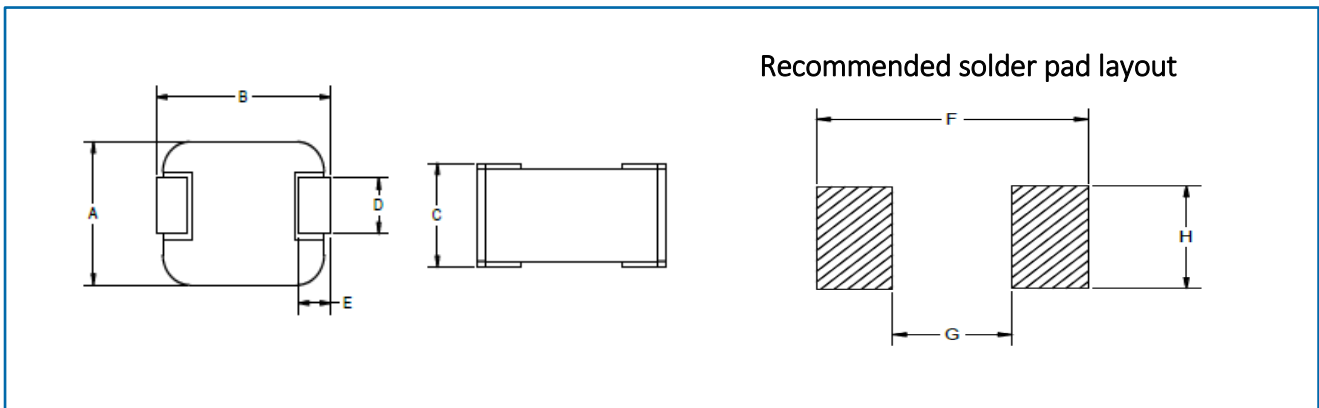
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MODEL HA72 -0630 series



Outline dimensions (mm)



CASE SIZE	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)
0630 series	6.6 ± 0.3	7.1 ± 0.3	3	3.0 ± 0.3	1.6 ± 0.5	7.40	3.70	3.50

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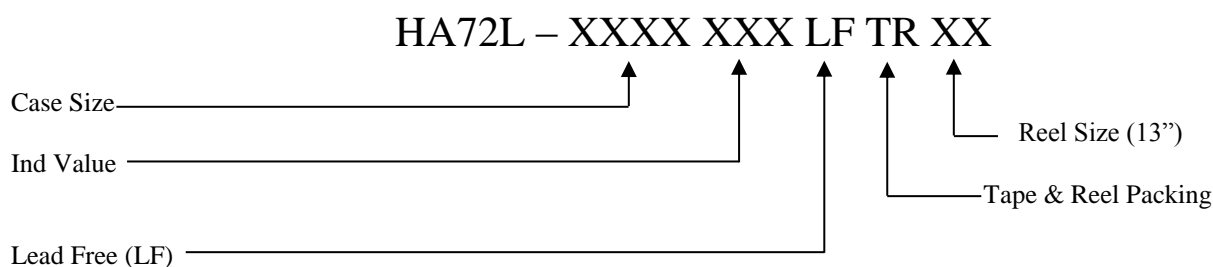
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MODEL HA72 -0630 series

## Packaging

Standard:	Embossed Tape and Reel			
	Reel:	Diameter	All case size	= 13" (330mm)
		Capacity	Case size 0630	= 1,000 units

## Ordering information



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