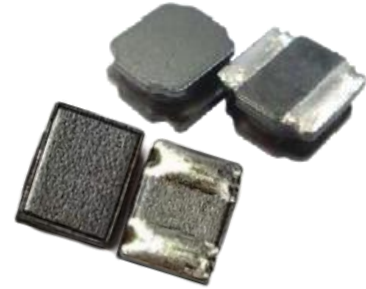




## Sealed Power Inductors - HNR Series-CA

### FEATURES

- \* RoHS Compliant
- \* Highly accurate Dimensions
- \* Highly reliable in environments of sudden Temperature change and humidity
- \* Shielded & power inductors



### 特性

- \* 无铅
- \* 高精高尺寸
- \* 突变的温度与温度环境中具有高可靠性
- \* 磁屏蔽功率型电感

### 产品标识 Product Identification

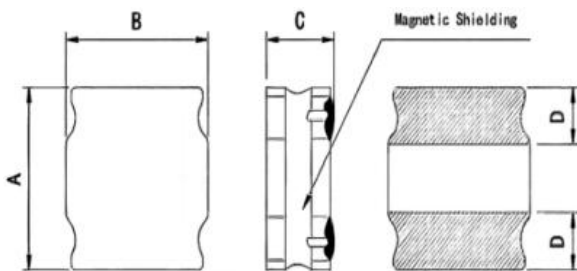
**HNR**    □□□□    -    □□□    □    -    **CA**

(1)            (2)            (3)    (4)    (5)

- (1) HNR 向华料号 Part Number
- (2) 尺寸 Dimensions
- (3) 电感量 Inductance
- (4) 电感量公差 Inductance Tolerance
- (5) 尾码 Tail code

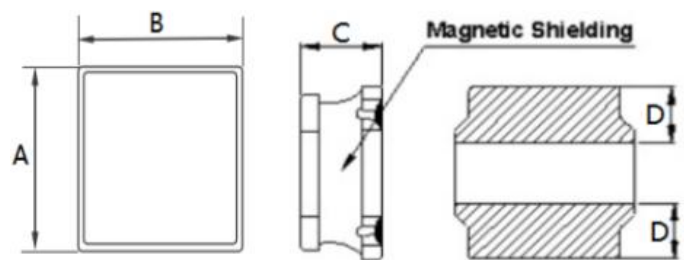
### HNR201610

Shape and Dimensions



### HNR252010~252012

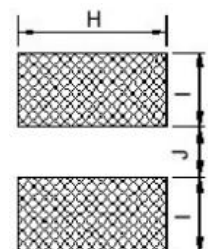
Shape and Dimensions



Recommended Pattern

Dimensions in mm

TYPE	A	B	C	D Typ.	H Typ.	I Typ.	J Typ.
HNR201610-CA	2.0±0.3	1.6±0.3	1.05max	0.6	1.7	0.7	0.7
HNR252010-CA	2.5±0.3	2.0±0.3	1.02max	0.8	2.0	0.85	0.8
HNR252012-CA	2.5±0.3	2.0±0.3	1.2±0.05	0.8	2.0	0.85	0.8

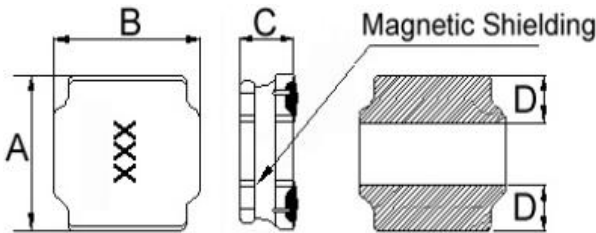




## Sealed Power Inductors - HNR Series-CA

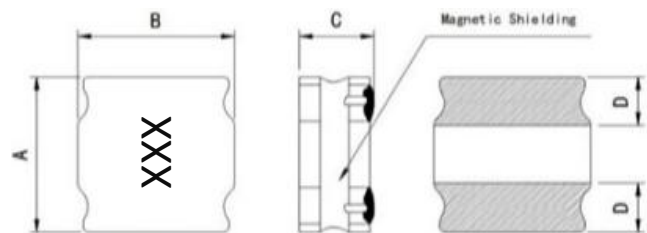
### HNR3010/3012

Shape and Dimensions



### HNR3015

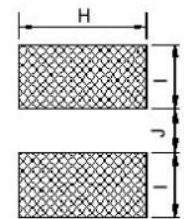
Shape and Dimensions



Dimensions in mm

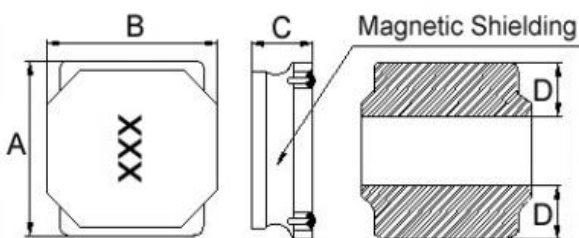
TYPE	A	B	C	D Typ.	H Typ.	I Typ.	J Typ.
HNR3010-CA	3.0±0.2	3.0±0.2	1.05max	0.9	2.8	1.0	1.3
HNR3012-CA	3.0±0.2	3.0±0.2	1.25max	0.9	2.7	0.8	1.5
HNR3015-CA	3.0±0.2	3.0±0.2	1.5 <sup>+0.2</sup> <sub>-0.3</sub>	0.9	2.5	1.0	1.0

Recommended Pattern



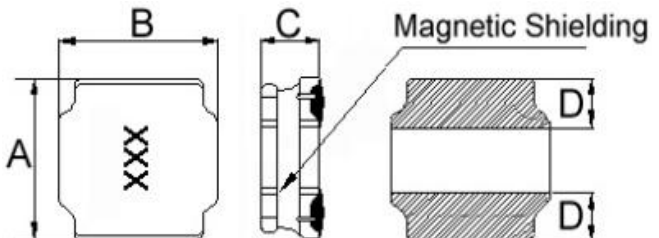
### HNR4012/4015/4018/4026

Shape and Dimensions



### HNR4020/4030/5020/5040/6020/6028/6045/8040

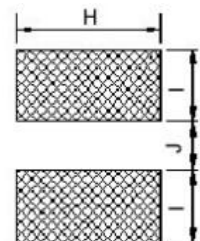
Shape and Dimensions



Dimensions in mm

TYPE	A	B	C	D Typ.	H Typ.	I Typ.	J Typ.
HNR4012-CA	4.0±0.2	4.0±0.2	1.2 <sup>+0.2</sup> <sub>-0.3</sub>	1.3	3.7	1.2	1.6
HNR4015-CA	4.0±0.2	4.0±0.2	1.5 <sup>+0.2</sup> <sub>-0.3</sub>	1.3	3.7	1.2	1.6
HNR4018-CA	4.0±0.2	4.0±0.2	1.8 <sup>+0.2</sup> <sub>-0.3</sub>	1.3	3.7	1.2	1.6
HNR4020-CA	4.0±0.2	4.0±0.2	2.0 <sup>+0.2</sup> <sub>-0.3</sub>	1.3	3.7	1.2	1.6
HNR4026-CA	4.0±0.2	4.0±0.2	2.6 <sup>+0.2</sup> <sub>-0.3</sub>	1.4	3.7	1.2	1.6
HNR4030-CA	4.0±0.2	4.0±0.2	3.0 <sup>+0.2</sup> <sub>-0.3</sub>	1.4	3.7	1.2	1.6
HNR5020-CA	5.0±0.2	5.0±0.2	2.0 <sup>+0.2</sup> <sub>-0.3</sub>	1.8	4.0	1.5	2.1
HNR5040-CA	5.0±0.2	5.0±0.2	4.0 <sup>+0.2</sup> <sub>-0.3</sub>	1.6	4.0	1.5	2.1
HNR6020-CA	6.0±0.2	6.0±0.2	2.0 <sup>+0.2</sup> <sub>-0.3</sub>	1.7	5.7	1.6	2.9
HNR6028-CA	6.0±0.2	6.0±0.2	2.8 <sup>+0.2</sup> <sub>-0.3</sub>	1.9	5.7	1.6	2.9
HNR6045-CA	6.0±0.2	6.0±0.2	4.5 <sup>+0.2</sup> <sub>-0.3</sub>	1.8	5.7	2.0	2.4
HNR8040-CA	8.0±0.2	8.0±0.2	4.0 <sup>+0.2</sup> <sub>-0.3</sub>	2.3	7.5	2.5	3.4

Recommended Pattern





## Sealed Power Inductors - HNR201610 Series-CA

### HNR201610 series Electrical Characteristics

Part No.	Inductance	Tolerance	Test Freq.	RDC(mΩ)	Isat(A)	Irms(A)
	(uH)	(±%)		Typ.(Max)	Typ.(Max)	Typ.(Max)
HNR201610-R22□-CA	0.22	30	100KHz,1V	33(40)	4.10(3.70)	3.10(2.80)
HNR201610-R24□-CA	0.24	30	100KHz,1V	33(40)	4.10(3.70)	3.10(2.80)
HNR201610-R33□-CA	0.33	30	100KHz,1V	43(48)	3.70(3.00)	2.90(2.40)
HNR201610-R47□-CA	0.47	30	100KHz,1V	52(62)	2.85(2.30)	2.60(2.30)
HNR201610-R68□-CA	0.68	30	100KHz,1V	76(68)	2.45(1.95)	2.20(2.00)
HNR201610-1R0□-CA	1.0	30	100KHz,1V	104(114)	1.85(1.65)	1.60(1.45)
HNR201610-1R5□-CA	1.5	30	100KHz,1V	164(174)	1.65(1.35)	1.20(1.10)
HNR201610-2R2□-CA	2.2	20,30	100KHz,1V	232(265)	1.45(1.20)	1.15(1.05)
HNR201610-3R3□-CA	3.3	20,30	100KHz,1V	328(345)	1.20(1.00)	0.95(0.85)
HNR201610-4R7□-CA	4.7	20,30	100KHz,1V	430(480)	0.90(0.75)	0.80(0.70)
HNR201610-6R8□-CA	6.8	20,30	100KHz,1V	715(800)	0.85(0.70)	0.60(0.55)
HNR201610-8R2□-CA	8.2	20,30	100KHz,1V	818(940)	0.78(0.68)	0.60(0.53)
HNR201610-100□-CA	10	20,30	100KHz,1V	930(1000)	0.70(0.65)	0.60(0.50)

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% , T =±30%**

- Operating temperature range—55°C~125°C(Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current.
- Irms for a 40°C temperature rise from 25°C ambient with current

**Sealed Power Inductors - HNR252010 Series-CA****HNR252010 series Electrical Characteristics**

Part No.	Inductance	Tolerance	Test Freq.	RDC(mΩ)	Isat(A)	Irms(A)
	(uH)	(±%)		Typ.(Max)	Typ.(Max)	Typ.(Max)
HNR252010-R24□-CA	0.24	30	100KHz,1V	26(34)	4.40(3.60)	3.00(2.75)
HNR252010-R33□-CA	0.33	30	100KHz,1V	33(40)	4.30(3.60)	2.70(2.45)
HNR252010-R47□-CA	0.47	30	100KHz,1V	35(44)	3.20(2.80)	2.60(2.40)
HNR252010-R68□-CA	0.68	30	100KHz,1V	51(62)	3.10(2.75)	2.35(2.10)
HNR252010-1R0□-CA	1.0	30	100KHz,1V	66(80)	2.50(2.05)	2.05(1.85)
HNR252010-1R5□-CA	1.5	30	100KHz,1V	85(108)	2.05(1.70)	1.70(1.55)
HNR252010-2R2□-CA	2.2	20,30	100KHz,1V	132(150)	1.75(1.50)	1.50(1.35)
HNR252010-3R3□-CA	3.3	20,30	100KHz,1V	173(228)	1.35(1.10)	1.20(1.05)
HNR252010-4R7□-CA	4.7	20,30	100KHz,1V	248(330)	1.15(1.00)	1.00(0.90)
HNR252010-5R6□-CA	5.6	20,30	100KHz,1V	310(480)	1.05(0.90)	0.90(0.80)
HNR252010-6R8□-CA	6.8	20,30	100KHz,1V	438(480)	0.95(0.80)	0.80(0.72)
HNR252010-8R2□-CA	8.2	20,30	100KHz,1V	440(572)	0.85(0.73)	0.78(0.69)
HNR252010-100□-CA	10	20,30	100KHz,1V	500(600)	0.75(0.65)	0.75(0.65)
HNR252010-120□-CA	12	20,30	100KHz,1V	700(850)	0.62(0.58)	0.62(0.58)
HNR252010-150□-CA	15	20,30	100KHz,1V	710(1050)	0.55(0.50)	0.50(0.45)

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% , T =±30%**

- Operating temperature range—55℃~125℃(Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current.
- Irms for a 40℃ temperature rise from 25℃ ambient with current



## Sealed Power Inductors - HNR252012 Series-CA

### HNR252012 series Electrical Characteristics

Part No.	Inductance	Tolerance	Test Freq.	RDC(mΩ)	Isat(A)	Irms(A)
	(uH)	(±%)		Typ.(Max)	Typ.(Max)	Typ.(Max)
HNR252012-R24□-CA	0.24	30	100KHz,1V	19(23)	4.80(4.10)	4.50(4.10)
HNR252012-R33□-CA	0.33	30	100KHz,1V	26(31)	4.70(4.00)	3.70(3.35)
HNR252012-R47□-CA	0.47	30	100KHz,1V	31(36)	4.50(3.80)	3.30(3.00)
HNR252012-R68□-CA	0.68	30	100KHz,1V	38(47)	3.30(3.00)	2.50(2.30)
HNR252012-1R0□-CA	1.0	30	100KHz,1V	50(60)	2.50(2.25)	2.60(2.30)
HNR252012-1R2□-CA	1.2	30	100KHz,1V	65(78)	2.50(2.20)	2.20(2.00)
HNR252012-1R5□-CA	1.5	30	100KHz,1V	75(90)	2.35(2.00)	2.00(1.80)
HNR252012-1R8□-CA	1.8	30	100KHz,1V	93(108)	2.20(1.95)	1.90(1.75)
HNR252012-2R2□-CA	2.2	20,30	100KHz,1V	93(108)	1.90(1.75)	1.90(1.75)
HNR252012-2R7□-CA	2.7	20,30	100KHz,1V	130(156)	1.60(1.30)	1.50(1.40)
HNR252012-3R3□-CA	3.3	20,30	100KHz,1V	130(156)	1.35(1.20)	1.50(1.40)
HNR252012-4R7□-CA	4.7	20,30	100KHz,1V	190(228)	1.20(1.10)	1.20(1.10)
HNR252012-5R6□-CA	5.6	20,30	100KHz,1V	255(330)	1.10(1.00)	1.15(1.00)
HNR252012-6R8□-CA	6.8	20,30	100KHz,1V	300(360)	1.10(0.90)	1.05(0.95)
HNR252012-100□-CA	10	20,30	100KHz,1V	435(522)	0.85(0.70)	0.86(0.78)
HNR252012-150□-CA	15	20,30	100KHz,1V	700(1000)	0.70(0.60)	0.60(0.50)
HNR252012-220□-CA	22	20,30	100KHz,1V	1000(1290)	0.55(0.45)	0.55(0.48)

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% , T =±30%**

- Operating temperature range – 55°C ~ 125°C (Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current.
- I rms for a 40°C temperature rise from 25°C ambient with current



## Sealed Power Inductors - HNR3010 Series-CA

### HNR3010 series Electrical Characteristics

Part No.	Inductance	Tolerance	Test Freq.	RDC(mΩ)	Isat(A)	Irms(A)	Marking
	(uH)	(±%)		Typ.(Max)	Typ.(Max)	Typ.(Max)	
HNR3010-1R0□-CA	1.0	30	100KHz,1V	72(85)	2.10(1.40)	1.80(1.45)	1R0
HNR3010-1R5□-CA	1.5	30	100KHz,1V	97(104)	1.70(1.27)	1.60(1.30)	1R5
HNR3010-2R2□-CA	2.2	20,30	100KHz,1V	111(143)	1.50(1.15)	1.40(1.10)	2R2
HNR3010-3R3□-CA	3.3	20,30	100KHz,1V	167(189)	1.20(0.97)	1.20(0.97)	3R3
HNR3010-4R7□-CA	4.7	20,30	100KHz,1V	216(293)	1.05(0.75)	1.10(0.77)	4R7
HNR3010-6R8□-CA	6.8	20,30	100KHz,1V	338(397)	0.75(0.60)	0.75(0.65)	6R8
HNR3010-100□-CA	10	20,30	100KHz,1V	445(520)	0.75(0.55)	0.70(0.58)	100
HNR3010-150□-CA	15	20,30	100KHz,1V	718(793)	0.57(0.42)	0.70(0.58)	150
HNR3010-220□-CA	22	20,30	100KHz,1V	848(1020)	0.43(0.35)	0.52(0.40)	220
HNR3010-330□-CA	33	20,30	100KHz,1V	1859(2015)	0.42(0.30)	0.50(0.30)	330
HNR3010-470□-CA	47	20,30	100KHz,1V	2010(2535)	0.35(0.26)	0.35(0.26)	470

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% , T =±30%**

- Operating temperature range—55°C~125°C(Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current.
- I rms for a 40°C temperature rise from 25°C ambient with current



## Sealed Power Inductors - HNR3012 Series-CA

### HNR3012 series Electrical Characteristics

Part No.	Inductance	Tolerance	Test Freq.	RDC(mΩ)	Isat(A)	Irms(A)	Marking
	(uH)	(±%)		Typ.(Max)	Typ.(Max)	Typ.(Max)	
HNR3012-1R0□-CA	1.0	30	100KHz,1V	43(52)	2.80(1.87)	2.70(2.20)	1R0
HNR3012-1R5□-CA	1.5	30	100KHz,1V	52(59)	1.90(1.62)	2.00(1.80)	1R5
HNR3012-2R2□-CA	2.2	20,30	100KHz,1V	88(98)	1.60(1.20)	1.70(1.55)	2R2
HNR3012-3R3□-CA	3.3	20,30	100KHz,1V	118(130)	1.20(1.05)	1.45(1.36)	3R3
HNR3012-4R7□-CA	4.7	20,30	100KHz,1V	135(156)	1.00(0.90)	1.30(1.24)	4R7
HNR3012-6R8□-CA	6.8	20,30	100KHz,1V	218(247)	0.90(0.75)	1.10(0.98)	6R8
HNR3012-100□-CA	10	20,30	100KHz,1V	314(345)	0.75(0.60)	0.85(0.80)	100
HNR3012-150□-CA	15	20,30	100KHz,1V	425(468)	0.62(0.45)	0.75(0.70)	150
HNR3012-220□-CA	22	20,30	100KHz,1V	726(839)	0.52(0.42)	0.59(0.53)	220
HNR3012-330□-CA	33	20,30	100KHz,1V	886(1138)	0.46(0.36)	0.50(0.46)	330
HNR3012-470□-CA	47	20,30	100KHz,1V	1761(1885)	0.35(0.27)	0.40(0.35)	470

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% , T =±30%**

- Operating temperature range—55℃~125℃ (Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current.
- Irms for a 40℃ temperature rise from 25℃ ambient with current



## Sealed Power Inductors - HNR3015 Series-CA

### HNR3015 series Electrical Characteristics

Part No.	Inductance	Tolerance	Test Freq.	RDC(mΩ)	Isat(A)	Irms(A)	Marking
	(μH)	(±%)		max	Typ.(Max)	Typ.(Max)	
HNR3015-1R0□-CA	1.0	30	100KHz,1V	39	2.5(2.2)	1.8(1.5)	1R0
HNR3015-1R2□-CA	1.2	30	100KHz,1V	52	2.1(1.9)	1.78(1.4)	1R2
HNR3015-1R5□-CA	1.5	30	100KHz,1V	65	1.82(1.62)	1.75(1.5)	1R5
HNR3015-1R8□-CA	1.8	30	100KHz,1V	65	1.8(1.6)	1.5(1.2)	1R8
HNR3015-2R2□-CA	2.2	20,30	100KHz,1V	78	1.78(1.56)	1.3(1.15)	2R2
HNR3015-3R3□-CA	3.3	20,30	100KHz,1V	104	1.35(1.28)	1.17(0.9)	3R3
HNR3015-4R7□-CA	4.7	20,30	100KHz,1V	162.5	1.35(1.2)	1.0(0.85)	4R7
HNR3015-5R1□-CA	5.1	20,30	100KHz,1V	172.9	1.3(1.2)	0.78(0.7)	5R1
HNR3015-6R8□-CA	6.8	20,30	100KHz,1V	260	1.1(0.85)	0.75(0.65)	6R8
HNR3015-100□-CA	10	20,30	100KHz,1V	325	0.92(0.55)	0.59(0.45)	100
HNR3015-120□-CA	12	20,30	100KHz,1V	416	0.9(0.81)	0.58(0.45)	120
HNR3015-180□-CA	18	20,30	100KHz,1V	559	0.65(0.58)	0.46(0.36)	180
HNR3015-220□-CA	22	20,30	100KHz,1V	598	0.55(0.48)	0.44(0.33)	220
HNR3015-330□-CA	33	20,30	100KHz,1V	1066	0.52(0.46)	0.34(0.28)	330
HNR3015-390□-CA	39	20,30	100KHz,1V	1293.5	0.45(0.4)	0.35(0.26)	390
HNR3015-470□-CA	47	20,30	100KHz,1V	1625	0.36(0.32)	0.27(0.22)	470
HNR3015-560□-CA	56	20,30	100KHz,1V	1664	0.29(0.26)	0.27(0.2)	560
HNR3015-680□-CA	68	20,30	100KHz,1V	3510	0.23(0.2)	0.19(0.17)	680
HNR3015-101□-CA	100	20,30	100KHz,1V	4043	0.18(0.16)	0.15(0.13)	101

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% , T =±30%**

- Operating temperature range—55°C~125°C(Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current.
- I rms for a 40°C temperature rise from 25°C ambient with current





## Sealed Power Inductors - HNR4012 Series-CA

### HNR4012 series Electrical Characteristics

Part No.	Inductance	Tolerance	Test Freq.	RDC(mΩ)	Isat(A)	Irms(A)	Marking
	(uH)	(±%)		max	Typ.(Max)	Typ.(Max)	
HNR4012-1R0□-CA	1.0	20,30	100KHz,1V	62.4	2.50(2.25)	1.70(1.53)	1R0
HNR4012-1R5□-CA	1.5	20,30	100KHz,1V	75.4	2.10(1.89)	1.60(1.44)	1R5
HNR4012-2R2□-CA	2.2	20,30	100KHz,1V	84.5	1.70(1.53)	1.50(1.35)	2R2
HNR4012-3R3□-CA	3.3	20,30	100KHz,1V	117	1.30(1.17)	1.40(1.26)	3R3
HNR4012-4R7□-CA	4.7	20,30	100KHz,1V	143	1.10(0.99)	1.20(1.08)	4R7
HNR4012-6R8□-CA	6.8	20,30	100KHz,1V	175.5	0.90(0.81)	1.05(0.94)	6R8
HNR4012-100□-CA	10	20,30	100KHz,1V	247	0.78(0.70)	0.90(0.81)	100
HNR4012-150□-CA	15	20,30	100KHz,1V	325	0.65(0.58)	0.85(0.76)	150
HNR4012-220□-CA	22	20,30	100KHz,1V	520	0.52(0.46)	0.75(0.67)	220
HNR4012-330□-CA	33	20,30	100KHz,1V	780	0.44(0.39)	0.70(0.63)	330
HNR4012-470□-CA	47	20,30	100KHz,1V	1209	0.35(0.31)	0.50(0.45)	470

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% , T =±30%**

- Operating temperature range—55°C~125°C(Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current.
- Irms for a 40°C temperature rise from 25°C ambient with current

**Sealed Power Inductors - HNR4015 Series-CA****HNR4015 series Electrical Characteristics**

Part No.	Inductance	Tolerance	Test Freq.	RDC(mΩ)	Isat(A)	Irms(A)	Marking
	(uH)	(±%)		max	Typ.(Max)	Typ.(Max)	
HNR4015-R47□-CA	0.47	20,30	100KHz,1V	24.7	4.00(3.60)	4.20(3.78)	R47
HNR4015-1R5□-CA	1.5	20,30	100KHz,1V	53.3	3.00(2.70)	3.20(2.88)	1R5
HNR4015-2R2□-CA	2.2	20,30	100KHz,1V	70.2	2.30(2.07)	2.60(2.34)	2R2
HNR4015-4R7□-CA	4.7	20,30	100KHz,1V	130	1.60(1.44)	1.80(1.62)	4R7
HNR4015-6R8□-CA	6.8	20,30	100KHz,1V	179.4	1.40(1.26)	1.60(1.44)	6R8
HNR4015-100□-CA	10	20,30	100KHz,1V	260	1.00(0.90)	1.20(1.08)	100
HNR4015-150□-CA	15	20,30	100KHz,1V	390	0.92(0.82)	1.05(0.94)	150
HNR4015-220□-CA	22	20,30	100KHz,1V	520	0.72(0.64)	0.85(0.76)	220

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% , T =±30%**

- Operating temperature range—55°C~125°C(Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current.
- Irms for a 40°C temperature rise from 25°C ambient with current



## Sealed Power Inductors - HNR4018 Series-CA

### HNR4018 series Electrical Characteristics

Part No.	Inductance	Tolerance	Test Freq.	RDC(mΩ)	Isat(A)	Irms(A)	Marking
	(uH)	(±%)		max	Typ.(Max)	Typ.(Max)	
HNR4018-1R0□-CA	1.0	20,30	100KHz,1V	38.4	4.10(3.69)	2.80(2.52)	1R0
HNR4018-1R5□-CA	1.5	20,30	100KHz,1V	48	3.30(2.97)	2.60(2.34)	1R5
HNR4018-1R8□-CA	1.8	20,30	100KHz,1V	66	2.80(2.50)	2.50(2.20)	1R8
HNR4018-2R2□-CA	2.2	20,30	100KHz,1V	72	2.80(2.52)	2.50(2.25)	2R2
HNR4018-3R3□-CA	3.3	20,30	100KHz,1V	84	2.20(1.98)	2.10(1.89)	3R3
HNR4018-3R6□-CA	3.6	20,30	100KHz,1V	90	2.10(1.89)	1.90(1.71)	3R6
HNR4018-3R9□-CA	3.9	20,30	100KHz,1V	90	2.10(1.89)	1.90(1.71)	3R9
HNR4018-4R7□-CA	4.7	20,30	100KHz,1V	108	2.00(1.80)	1.70(1.53)	4R7
HNR4018-6R8□-CA	6.8	20,30	100KHz,1V	132	1.60(1.44)	1.50(1.35)	6R8
HNR4018-8R2□-CA	8.2	20,30	100KHz,1V	186	1.50(1.30)	1.30(1.10)	8R2
HNR4018-100□-CA	10	20,30	100KHz,1V	204	1.40(1.26)	1.20(1.08)	100
HNR4018-150□-CA	15	20,30	100KHz,1V	300	1.00(0.90)	1.00(0.90)	150
HNR4018-220□-CA	22	20,30	100KHz,1V	420	0.90(0.81)	0.85(0.76)	220
HNR4018-330□-CA	33	20,30	100KHz,1V	636	0.80(0.72)	0.70(0.63)	330
HNR4018-470□-CA	47	20,30	100KHz,1V	864	0.70(0.63)	0.56(0.50)	470
HNR4018-680□-CA	68	20,30	100KHz,1V	1200	0.56(0.50)	0.45(0.40)	680
HNR4018-101□-CA	100	20,30	100KHz,1V	1800	0.46(0.41)	0.38(0.34)	101
HNR4018-121□-CA	120	20,30	100KHz,1V	1920	0.38(0.34)	0.36(0.32)	121
HNR4018-151□-CA	150	20,30	100KHz,1V	3000	0.35(0.31)	0.30(0.27)	151
HNR4018-221□-CA	220	20,30	100KHz,1V	4800	0.28(0.25)	0.23(0.20)	221

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% , T =±30%**

- Operating temperature range—55°C~125°C(Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current.
- Irms for a 40°C temperature rise from 25°C ambient with current

Please be sure to request approval specifications that provide further details of the products. Kindly note that the content of these specifications are subject to change or may be discontinued without advance notice. Please contact our sales department before ordering.

**Sealed Power Inductors - HNR4020 Series-CA****HNR4020 series Electrical Characteristics**

Part No.	Inductance	Tolerance	Test Freq.	RDC(mΩ)	Isat(A)	Irms(A)	Marking
	(uH)	(±%)		max	Typ.(Max)	Typ.(Max)	
HNR4020-R47□-CA	0.47	20,30	100KHz,1V	18	7.50(7.00)	4.50(4.00)	R47
HNR4020-R68□-CA	0.68	20,30	100KHz,1V	22	6.80(6.40)	3.30(2.80)	R68
HNR4020-1R0□-CA	1.0	20,30	100KHz,1V	38	5.20(4.80)	3.20(2.15)	1R0
HNR4020-1R5□-CA	1.5	20,30	100KHz,1V	46	4.90(4.45)	3.00(1.98)	1R5
HNR4020-2R2□-CA	2.2	20,30	100KHz,1V	52	3.50(3.40)	3.20(3.00)	2R2
HNR4020-3R3□-CA	3.3	20,30	100KHz,1V	91	3.30(3.20)	2.50(1.40)	3R3
HNR4020-4R7□-CA	4.7	20,30	100KHz,1V	98	2.50(2.35)	2.00(1.34)	4R7
HNR4020-6R8□-CA	6.8	20,30	100KHz,1V	163	2.40(2.20)	1.60(1.10)	6R8
HNR4020-100□-CA	10	20,30	100KHz,1V	215	1.70(1.60)	1.20(0.90)	100
HNR4020-150□-CA	15	20,30	100KHz,1V	299	1.50(1.35)	1.10(0.77)	150
HNR4020-220□-CA	22	20,30	100KHz,1V	455	1.10(1.05)	0.87(0.62)	220
HNR4020-330□-CA	33	20,30	100KHz,1V	715	1.00(0.85)	0.60(0.50)	330
HNR4020-470□-CA	47	20,30	100KHz,1V	923	0.75(0.70)	0.60(0.44)	470

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% , T =±30%**

- Operating temperature range— 55°C~125°C(Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current.
- Irms for a 40°C temperature rise from 25°C ambient with current



## Sealed Power Inductors - HNR4026 Series-CA

### HNR4026 series Electrical Characteristics

Part No.	Inductance	Tolerance	Test Freq.	RDC(mΩ)	Isat(A)	Irms(A)	Marking
	(uH)	(±%)		max	Typ.(Max)	Typ.(Max)	
HNR4026-1R0□-CA	1.0	20,30	100KHz,1V	39	5.00(4.50)	4.00(3.60)	1R0
HNR4026-1R5□-CA	1.5	20,30	100KHz,1V	45.5	4.20(3.78)	3.70(3.33)	1R5
HNR4026-2R2□-CA	2.2	20,30	100KHz,1V	58.5	3.80(3.42)	3.50(3.15)	2R2
HNR4026-3R3□-CA	3.3	20,30	100KHz,1V	87.1	3.00(2.70)	2.50(2.25)	3R3
HNR4026-4R7□-CA	4.7	20,30	100KHz,1V	119.6	2.60(2.34)	2.00(1.80)	4R7
HNR4026-5R6□-CA	5.6	20,30	100KHz,1V	143	2.30(2.07)	1.90(1.71)	5R6
HNR4026-6R8□-CA	6.8	20,30	100KHz,1V	169	2.00(1.80)	1.70(1.53)	6R8
HNR4026-100□-CA	10	20,30	100KHz,1V	244.4	1.90(1.71)	1.40(1.26)	100
HNR4026-150□-CA	15	20,30	100KHz,1V	312	1.45(1.30)	1.20(1.08)	150
HNR4026-220□-CA	22	20,30	100KHz,1V	429	1.22(1.09)	1.00(0.90)	220
HNR4026-330□-CA	33	20,30	100KHz,1V	624	1.00(0.90)	0.82(0.73)	330
HNR4026-101□-CA	100	20,30	100KHz,1V	1794	0.58(0.52)	0.50(0.45)	101
HNR4026-331□-CA	330	20,30	100KHz,1V	5980	0.31(0.27)	0.25(0.22)	331

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% , T =±30%**

- Operating temperature range—55°C~125°C(Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current.
- Irms for a 40°C temperature rise from 25°C ambient with current



## Sealed Power Inductors - HNR4030 Series-CA

### HNR4030 series Electrical Characteristics

Part No.	Inductance	Tolerance	Test Freq.	RDC(mΩ)	Isat(A)	Irms(A)	Marking
	(μH)	(±%)		max	Typ.(Max)	Typ.(Max)	
HNR4030-1R0□-CA	1.0	20,30	100KHz,1V	23.4	5.70(5.26)	4.70(4.14)	1R0
HNR4030-1R5□-CA	1.5	20,30	100KHz,1V	30	5.30(4.60)	3.60(3.34)	1R5
HNR4030-2R2□-CA	2.2	20,30	100KHz,1V	39	4.90(4.00)	3.20(2.95)	2R2
HNR4030-3R3□-CA	3.3	20,30	100KHz,1V	2	3.60(3.30)	2.60(2.40)	3R3
HNR4030-4R7□-CA	4.7	20,30	100KHz,1V	85	3.20(2.80)	2.90(2.50)	4R7
HNR4030-6R8□-CA	6.8	20,30	100KHz,1V	117	3.00(2.60)	1.70(1.60)	6R8
HNR4030-100□-CA	10	20,30	100KHz,1V	169	2.20(1.65)	1.50(1.30)	100
HNR4030-150□-CA	15	20,30	100KHz,1V	247	1.60(1.40)	1.10(0.95)	150
HNR4030-220□-CA	22	20,30	100KHz,1V	293	1.30(1.20)	1.00(0.90)	220
HNR4030-330□-CA	33	20,30	100KHz,1V	550	1.10(0.96)	0.92(0.84)	330
HNR4030-470□-CA	47	20,30	100KHz,1V	637	1.00(0.95)	0.80(0.72)	470
HNR4030-680□-CA	68	20,30	100KHz,1V	1128	0.75(0.68)	0.57(0.52)	680
HNR4030-101□-CA	100	20,30	100KHz,1V	1690	0.65(0.56)	0.49(0.40)	101
HNR4030-151□-CA	150	20,30	100KHz,1V	3900	0.48(0.38)	0.35(0.30)	151
HNR4030-221□-CA	220	20,30	100KHz,1V	3250	0.40(0.34)	0.35(0.28)	221
HNR4030-471□-CA	470	20,30	100KHz,1V	9360	0.35(0.30)	0.23(0.20)	471

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% , T =±30%**

- Operating temperature range – 55°C ~ 125°C (Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current.
- Irms for a 40°C temperature rise from 25°C ambient with current



## Sealed Power Inductors - HNR5020 Series-CA

### HNR5020 series Electrical Characteristics

Part No.	Inductance	Tolerance	Test Freq.	RDC(mΩ)	Isat(A)	Irms(A)	Marking
	(uH)	(±%)		max	Typ.(Max)	Typ.(Max)	
HNR5020-1R0□-CA	1.0	20,30	100KHz,1V	25.2	5.10(4.59)	4.00(3.60)	1R0
HNR5020-1R2□-CA	1.2	30	100KHz,1V	25.2	4.80(4.32)	3.80(3.42)	1R2
HNR5020-1R5□-CA	1.5	20,30	100KHz,1V	31.2	4.20(3.78)	3.50(3.15)	1R5
HNR5020-2R2□-CA	2.2	20,30	100KHz,1V	42	3.40(3.06)	3.20(2.88)	2R2
HNR5020-2R7□-CA	2.7	20,30	100KHz,1V	45.6	3.05(2.70)	2.90(2.60)	2R7
HNR5020-3R3□-CA	3.3	20,30	100KHz,1V	57.6	3.00(2.70)	2.80(2.52)	3R3
HNR5020-4R7□-CA	4.7	20,30	100KHz,1V	72	2.20(1.98)	2.20(1.98)	4R7
HNR5020-5R6□-CA	5.6	20,30	100KHz,1V	98.4	2.05(1.84)	2.00(1.80)	5R6
HNR5020-6R8□-CA	6.8	20,30	100KHz,1V	108	2.00(1.80)	1.80(1.62)	6R8
HNR5020-100□-CA	10	20,30	100KHz,1V	144	1.60(1.44)	1.60(1.44)	100
HNR5020-150□-CA	15	20,30	100KHz,1V	228	1.30(1.17)	1.20(1.08)	150
HNR5020-220□-CA	22	20,30	100KHz,1V	312	1.00(0.90)	1.00(0.90)	220
HNR5020-330□-CA	33	20,30	100KHz,1V	552	0.80(0.72)	0.75(0.67)	330
HNR5020-470□-CA	47	20,30	100KHz,1V	696	0.65(0.58)	0.65(0.58)	470

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% , T =±30%**

- Operating temperature range—55°C~125°C(Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current.
- Irms for a 40°C temperature rise from 25°C ambient with current



## Sealed Power Inductors - HNR5040 Series-CA

### HNR5040 series Electrical Characteristics

Part No.	Inductance	Tolerance	Test Freq.	RDC(mΩ)	Isat(A)	Irms(A)	Marking
	(uH)	(±%)		max	Typ.(Max)	Typ.(Max)	
HNR5040-1R0□-CA	1.0	30	100KHz,1V	18.2	7.50(6.75)	4.60(4.14)	1R0
HNR5040-1R2□-CA	1.2	20,30	100KHz,1V	19.5	7.40(6.66)	4.50(4.05)	1R2
HNR5040-1R5□-CA	1.5	20,30	100KHz,1V	20.8	7.10(6.39)	4.40(3.96)	1R5
HNR5040-2R2□-CA	2.2	20,30	100KHz,1V	27.3	5.70(5.13)	3.70(3.33)	2R2
HNR5040-3R3□-CA	3.3	20,30	100KHz,1V	33.8	4.80(4.32)	3.50(3.15)	3R3
HNR5040-4R7□-CA	4.7	20,30	100KHz,1V	41.6	4.20(3.78)	3.20(2.88)	4R7
HNR5040-6R8□-CA	6.8	20,30	100KHz,1V	65	3.30(2.97)	2.40(2.16)	6R8
HNR5040-8R2□-CA	8.2	20,30	100KHz,1V	75.4	3.10(2.70)	2.30(2.00)	8R2
HNR5040-100□-CA	10	20,30	100KHz,1V	78	2.80(2.52)	2.20(1.98)	100
HNR5040-150□-CA	15	20,30	100KHz,1V	117	2.30(2.07)	1.80(1.62)	150
HNR5040-220□-CA	22	20,30	100KHz,1V	175.5	1.80(1.62)	1.40(1.26)	220
HNR5040-270□-CA	27	20,30	100KHz,1V	234	1.60(1.44)	1.20(1.08)	270
HNR5040-330□-CA	33	20,30	100KHz,1V	247	1.50(1.35)	1.10(0.99)	330
HNR5040-470□-CA	47	20,30	100KHz,1V	403	1.20(1.08)	0.90(0.81)	470
HNR5020-680□-CA	68	20,30	100KHz,1V	702	1.00(0.90)	0.78(0.70)	680
HNR5020-101□-CA	100	20,30	100KHz,1V	1040	0.70(0.60)	0.60(0.50)	101

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% , T =±30%**

- Operating temperature range – 55°C ~ 125°C (Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current.
- Irms for a 40°C temperature rise from 25°C ambient with current



**Sealed Power Inductors - HNR6020 Series-CA****HNR6020 series Electrical Characteristics**

Part No.	Inductance	Tolerance	Test Freq.	RDC(m $\Omega$ )	Isat(A)	Irms(A)	Marking
	( $\mu$ H)	( $\pm$ %)		max	Typ.(Max)	Typ.(Max)	
HNR6020-1R0 $\square$ -CA	1.0	30	100KHz,1V	24.7	6.20(5.58)	4.10(3.69)	1R0
HNR6020-1R5 $\square$ -CA	1.5	30	100KHz,1V	33.8	5.00(4.50)	3.60(3.24)	1R5
HNR6020-2R2 $\square$ -CA	2.2	20,30	100KHz,1V	44.2	4.20(3.78)	3.20(2.88)	2R2
HNR6020-3R3 $\square$ -CA	3.3	20,30	100KHz,1V	52	3.20(2.88)	2.70(2.43)	3R3
HNR6020-4R7 $\square$ -CA	4.7	20,30	100KHz,1V	75.4	2.50(2.25)	2.20(1.98)	4R7
HNR6020-6R8 $\square$ -CA	6.8	20,30	100KHz,1V	110.5	2.20(1.98)	1.80(1.62)	6R8
HNR6020-100 $\square$ -CA	10	20,30	100KHz,1V	162.5	2.00(1.80)	1.60(1.44)	100
HNR6020-150 $\square$ -CA	15	20,30	100KHz,1V	247	1.30(1.17)	1.30(1.17)	150
HNR6020-220 $\square$ -CA	22	20,30	100KHz,1V	338	1.10(0.99)	1.10(0.99)	220

**Note: When ordering, please specify tolerance code. Tolerance: M= $\pm$ 20% , T = $\pm$ 30%**

- Operating temperature range—55 $^{\circ}$ C~125 $^{\circ}$ C(Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current.
- Irms for a 40 $^{\circ}$ C temperature rise from 25 $^{\circ}$ C ambient with current



## Sealed Power Inductors - HNR6028 Series-CA

### HNR6028 series Electrical Characteristics

Part No.	Inductance	Tolerance	Test Freq.	RDC(mΩ)	Isat(A)	Irms(A)	Marking
	(uH)	(±%)		max	Typ.(Max)	Typ.(Max)	
HNR6028-1R0□-CA	1.0	30	100KHz,1V	16.9	7.60(6.84)	5.20(4.68)	1R0
HNR6028-1R5□-CA	1.5	30	100KHz,1V	20.8	6.30(5.67)	4.80(4.32)	1R5
HNR6028-2R2□-CA	2.2	20,30	100KHz,1V	26	5.40(4.86)	4.00(3.60)	2R2
HNR6028-2R7□-CA	2.7	20,30	100KHz,1V	33.8	4.90(4.41)	3.70(3.33)	2R7
HNR6028-3R3□-CA	3.3	20,30	100KHz,1V	36.4	4.30(3.87)	3.50(3.15)	3R3
HNR6028-4R7□-CA	4.7	20,30	100KHz,1V	49.4	3.70(3.33)	3.20(2.88)	4R7
HNR6028-6R0□-CA	6.0	20,30	100KHz,1V	58.5	3.30(2.97)	2.80(2.52)	6R0
HNR6028-6R8□-CA	6.8	20,30	100KHz,1V	65	3.10(2.79)	2.70(2.43)	6R8
HNR6028-100□-CA	10	20,30	100KHz,1V	84.5	2.50(2.25)	2.30(2.07)	100
HNR6028-150□-CA	15	20,30	100KHz,1V	123.5	2.00(1.80)	1.80(1.62)	150
HNR6028-220□-CA	22	20,30	100KHz,1V	175.5	1.60(1.44)	1.50(1.35)	220
HNR6028-330□-CA	33	20,30	100KHz,1V	286	1.30(1.17)	1.40(1.26)	330
HNR6028-470□-CA	47	20,30	100KHz,1V	416	1.10(0.99)	1.00(0.90)	470
HNR6028-680□-CA	68	20,30	100KHz,1V	546	0.98(0.88)	0.90(0.81)	680
HNR6028-101□-CA	100	20,30	100KHz,1V	780	0.82(0.73)	0.80(0.72)	101

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% , T =±30%**

- Operating temperature range—55℃~125℃(Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current.
- Irms for a 40℃ temperature rise from 25℃ ambient with current



## Sealed Power Inductors - HNR6045 Series-CA

### HNR6045 series Electrical Characteristics

Part No.	Inductance	Tolerance	Test Freq.	RDC(mΩ)	Isat(A)	Irms(A)	Marking
	(uH)	(±%)		max	Typ.(Max)	Typ.(Max)	
HNR6045-1R0□-CA	1.0	20,30	100KHz,1V	15.6	12.20(10.98)	6.50(5.85)	1R0
HNR6045-1R2□-CA	1.2	20,30	100KHz,1V	16.9	10.60(9.50)	5.90(5.30)	1R2
HNR6045-1R5□-CA	1.5	20,30	100KHz,1V	19.5	10.40(9.36)	5.90(5.31)	1R5
HNR6045-1R8□-CA	1.8	20,30	100KHz,1V	22.1	9.60(8.64)	5.60(5.04)	1R8
HNR6045-2R2□-CA	2.2	20,30	100KHz,1V	23.92	8.80(7.92)	5.10(4.59)	2R2
HNR6045-2R3□-CA	2.3	20,30	100KHz,1V	24.7	8.80(7.92)	5.00(4.50)	2R3
HNR6045-3R0□-CA	3.0	20,30	100KHz,1V	28.6	7.80(7.02)	4.40(3.96)	3R0
HNR6045-3R3□-CA	3.3	20,30	100KHz,1V	31.2	7.50(6.75)	4.30(3.87)	3R3
HNR6045-3R6□-CA	3.6	20,30	100KHz,1V	31.2	7.50(6.75)	4.30(3.87)	3R6
HNR6045-3R9□-CA	3.9	20,30	100KHz,1V	33.8	7.00(6.30)	4.00(3.60)	3R9
HNR6045-4R5□-CA	4.5	20,30	100KHz,1V	40.3	6.70(6.03)	3.90(3.51)	4R5
HNR6045-4R7□-CA	4.7	20,30	100KHz,1V	40.3	6.70(6.03)	3.90(3.51)	4R7
HNR6045-5R1□-CA	5.1	20,30	100KHz,1V	42.9	6.00(5.40)	3.50(3.15)	5R1
HNR6045-5R6□-CA	5.6	20,30	100KHz,1V	52	5.50(4.95)	3.30(2.97)	5R6
HNR6045-6R3□-CA	6.3	20,30	100KHz,1V	52	5.50(4.95)	3.30(2.97)	6R3
HNR6045-6R8□-CA	6.8	20,30	100KHz,1V	55.9	5.30(4.77)	3.20(2.88)	6R8
HNR6045-8R2□-CA	8.2	20,30	100KHz,1V	68.9	4.60(4.10)	2.90(2.60)	8R2
HNR6045-100□-CA	10	20,30	100KHz,1V	74.1	4.50(4.05)	2.70(2.43)	100
HNR6045-150□-CA	15	20,30	100KHz,1V	104	3.40(3.06)	2.20(1.98)	150
HNR6045-180□-CA	18	20,30	100KHz,1V	130	3.10(2.79)	1.80(1.62)	180
HNR6045-220□-CA	22	20,30	100KHz,1V	162.5	3.00(2.70)	1.90(1.71)	220
HNR6045-270□-CA	27	20,30	100KHz,1V	208	2.50(2.25)	1.30(1.17)	270

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% , T =±30%**

- Operating temperature range—55℃~125℃(Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current.
- Irms for a 40℃ temperature rise from 25℃ ambient with current

Please be sure to request approval specifications that provide further details of the products. Kindly note that the content of these specifications are subject to change or may be discontinued without advance notice. Please contact our sales department before ordering.



## Sealed Power Inductors - HNR6045 Series-CA

### HNR6045 series Electrical Characteristics

Part No.	Inductance	Tolerance	Test Freq.	RDC(mΩ)	Isat(A)	Irms(A)	Marking
	(uH)	(±%)		max	Typ.(Max)	Typ.(Max)	
HNR6045-330□-CA	33	20,30	100KHz,1V	214.5	2.30(2.07)	1.40(1.26)	330
HNR6045-470□-CA	47	20,30	100KHz,1V	318.5	1.90(1.71)	1.20(1.08)	470
HNR6045-560□-CA	56	20,30	100KHz,1V	403	1.70(1.50)	1.10(0.99)	560
HNR6045-680□-CA	68	20,30	100KHz,1V	429	1.60(1.44)	1.00(0.90)	680
HNR6045-101□-CA	100	20,30	100KHz,1V	650	1.30(1.17)	0.80(0.72)	101
HNR6045-221□-CA	220	20,30	100KHz,1V	1690	0.82(0.73)	0.38(0.34)	221
HNR6045-331□-CA	330	20,30	100KHz,1V	2340	0.70(0.63)	0.35(0.31)	331
HNR6045-102□-CA	1000	20,30	100KHz,1V	7800	0.40(0.36)	0.22(0.19)	102

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% , T =±30%**

- Operating temperature range –55°C ~ 125°C (Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current.
- Irms for a 40°C temperature rise from 25°C ambient with current



## Sealed Power Inductors - HNR8040 Series-CA

### HNR8040 series Electrical Characteristics

Part No.	Inductance	Tolerance	Test Freq.	RDC(mΩ)	Isat(A)	Irms(A)	Marking
	(μH)	(±%)		max	Typ.(Max)	Typ.(Max)	
HNR8040-R90□-CA	0.9	20,30	100KHz,1V	9.1	13.80(12.42)	8.05(7.24)	R90
HNR8040-1R0□-CA	1.0	20,30	100KHz,1V	9.75	13.00(11.70)	7.95(7.15)	1R0
HNR8040-1R4□-CA	1.4	20,30	100KHz,1V	11.7	10.80(9.72)	7.80(7.02)	1R4
HNR8040-1R5□-CA	1.5	20,30	100KHz,1V	12.35	10.00(9.00)	7.70(6.93)	1R5
HNR8040-2R0□-CA	2.0	20,30	100KHz,1V	14.3	9.60(8.64)	7.40(6.66)	2R0
HNR8040-2R2□-CA	2.2	20,30	100KHz,1V	14.95	9.20(8.28)	7.20(6.48)	2R2
HNR8040-2R5□-CA	2.5	20,30	100KHz,1V	16.9	8.20(7.38)	6.30(5.67)	2R5
HNR8040-3R3□-CA	3.3	20,30	100KHz,1V	19.5	7.50(6.75)	6.00(5.40)	3R3
HNR8040-3R9□-CA	3.9	20,30	100KHz,1V	23.4	6.10(5.40)	5.50(4.90)	3R9
HNR8040-4R7□-CA	4.7	20,30	100KHz,1V	23.4	6.00(5.40)	5.50(4.95)	4R7
HNR8040-5R6□-CA	5.6	20,30	100KHz,1V	29.9	5.70(5.13)	5.20(4.68)	5R6
HNR8040-6R8□-CA	6.8	20,30	100KHz,1V	32.5	5.40(4.68)	5.10(4.59)	6R8
HNR8040-100□-CA	10	20,30	100KHz,1V	49.4	4.30(3.87)	3.80(3.42)	100
HNR8040-120□-CA	12	20,30	100KHz,1V	58.5	3.80(3.42)	3.50(3.15)	120
HNR8040-150□-CA	15	20,30	100KHz,1V	65	3.60(3.24)	3.20(2.88)	150
HNR8040-180□-CA	18	20,30	100KHz,1V	88.4	3.10(2.79)	2.70(2.43)	180
HNR8040-220□-CA	22	20,30	100KHz,1V	104	2.80(2.52)	2.60(2.34)	220
HNR8040-330□-CA	33	20,30	100KHz,1V	143	2.30(2.07)	2.00(1.80)	330
HNR8040-470□-CA	47	20,30	100KHz,1V	208	1.90(1.71)	1.75(1.57)	470
HNR8040-680□-CA	68	20,30	100KHz,1V	312	1.70(1.53)	1.45(1.30)	680
HNR8040-101□-CA	100	20,30	100KHz,1V	442	1.40(1.26)	1.10(0.99)	101
HNR8040-121□-CA	120	20,30	100KHz,1V	552.5	1.10(0.99)	1.00(0.90)	121
HNR8040-151□-CA	150	20,30	100KHz,1V	624	1.00(0.90)	0.90(0.81)	151
HNR8040-181□-CA	180	20,30	100KHz,1V	845	0.98(0.88)	0.70(0.63)	181
HNR8040-221□-CA	220	20,30	100KHz,1V	871	0.94(0.84)	0.60(0.54)	221
HNR8040-271□-CA	270	20,30	100KHz,1V	1170	0.83(0.74)	0.55(0.49)	271
HNR8040-821□-CA	820	20,30	100KHz,1V	3640	0.40(0.36)	0.38(0.34)	821

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% , T =±30%**

- Operating temperature range—55℃~125℃(Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current.
- Irms for a 40℃ temperature rise from 25℃ ambient with current

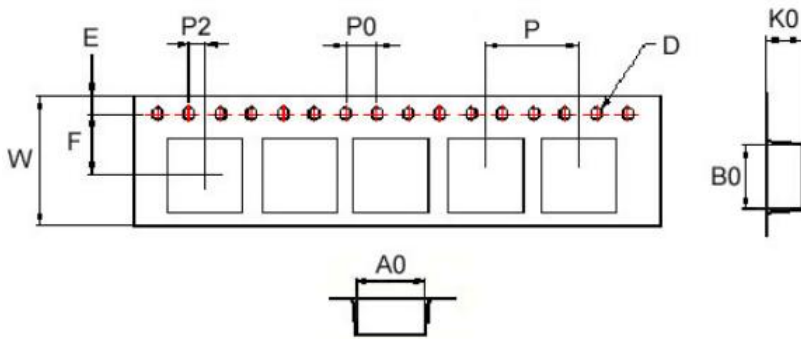
Please be sure to request approval specifications that provide further details of the products. Kindly note that the content of these specifications are subject to change or may be discontinued without advance notice. Please contact our sales department before ordering.



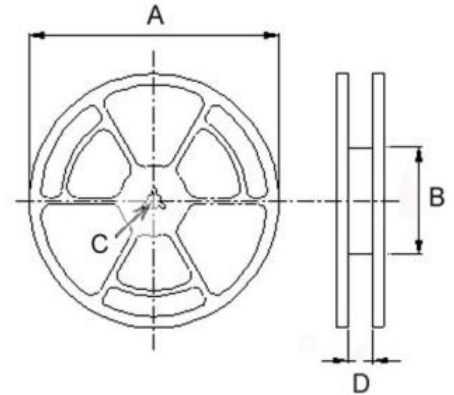
## Sealed Power Inductors - HNR Series-CA

### Packaging Specifications

Tape Dimensions



Reel Dimensions



### Dimensions in mm

TYPE	Tape Dimensions										Reel Dimensions				Quantity PCS/REEL
	A0	B0	K0	D	E	F	W	P	P0	P2	A	B	C	D	
HNR201610-CA	1.90	2.20	1.15	1.55	1.75	3.5	8.1	4	4	2	180	60	13	14.4	2000
HNR252010-CA	2.40	2.70	1.15	1.55	1.75	3.5	8.1	4	4	2	180	60	13	14.4	2000
HNR252012-CA	2.40	2.70	1.35	1.55	1.75	3.5	8.1	4	4	2	180	60	13	14.4	2000
HNR3010-CA	3.20	3.20	1.40	1.55	1.75	3.5	8.1	4	4	2	180	60	13	14.4	2000
HNR3012-CA	3.20	3.20	1.40	1.55	1.75	3.5	8.1	4	4	2	180	60	13	14.4	2000
HNR3015-CA	3.30	3.30	1.60	1.55	1.75	3.5	8.1	4	4	2	180	60	13	14.4	2000
HNR4012-CA	4.25	4.25	1.30	1.55	1.75	5.5	12	8.1	4	2	180	60	13	13.2	1000
HNR4015-CA	4.25	4.25	2.10	1.55	1.75	5.5	12	8.1	4	2	180	60	13	13.2	1000
HNR4018-CA	4.25	4.25	2.10	1.55	1.75	5.5	12	8.1	4	2	180	60	13	13.2	800
HNR4020-CA	4.25	4.25	2.30	1.55	1.75	5.5	12	8.1	4	2	180	60	13	13.2	800
HNR4026-CA	4.25	4.25	3.00	1.55	1.75	5.5	12	8.1	4	2	180	60	13	13.2	500
HNR4030-CA	4.25	4.25	2.10	1.55	1.75	5.5	12	8.1	4	2	180	60	13	13.2	500
HNR5020-CA	5.25	5.25	2.20	1.55	1.75	5.5	12	8.1	4	2	330	100	13	13.4	2000
HNR5040-CA	5.20	5.20	4.20	1.55	1.75	5.5	12	8.1	4	2	330	100	13	13.4	1500
HNR6020-CA	6.25	6.25	2.20	1.55	1.75	7.5	16	12	4	2	330	100	13	16	2000
HNR6028-CA	6.25	6.25	3.00	1.55	1.75	7.5	16	12	4	2	330	100	100	16	1500
HNR6045-CA	6.25	6.25	4.65	1.55	1.75	7.5	16	12	4	2	330	100	100	16	1000
HNR8040-CA	8.25	8.25	4.15	1.55	1.75	4.5	16	12	4	2	330	100	100	16	1000