



SMD Power Inductors - HSF、HSB Series-CA

FEATURES

- * SMD power inductors
- * High saturation characteristic core for large saturation current and low loss
- * Closed magnetic circuit design reduces leakage flux
- * High precision and lower DCR
- * Operating temperature range: -40 to +125°C (including self-temperature rise)
- * Halogen free, RoHS compliant
- * Moisture Sensitivity Level (MSL): 1

APPLICATIONS

- Server, desktop computer, notebook
- Graphics, memory
- Industrial equipment, telecom base station
- Multi-phase and Vcore regulators
- Battery power systems

ORDERING CODE(标志示例)

HSF □□□□ - □□□ □ - **CA**
(1) (2) (3) (4) (5)

(1) HSF/HSB 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

MARKING(印字要求)


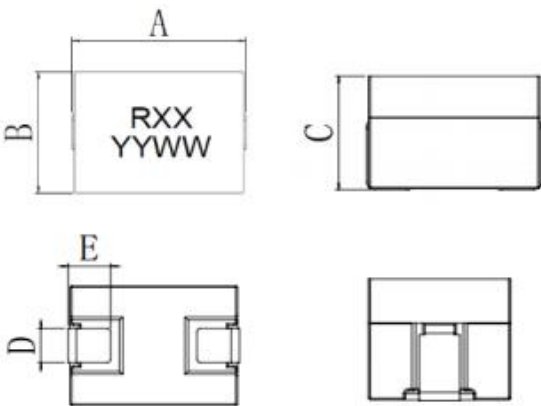


RXX: Product Inductance Value (Ex. R15=150nH)

YYWW: Manufactured Datecode

(Ex. 2105=2021 Year 05 Week)

**SMD Power Inductors - HSF100875 Series-CA**

SERIES	PHOTO	Shape & Dimensions(mm)				
		A	B	C	D	E
		10.2±0.2	8.0max	7.3±0.2	2.2±0.2	2.54±0.5
HSF100875						

HSF100875 series Electrical Characteristics

Part No.	Inductance (nH)±10%	RDC(mΩ) typical	Isat (Amps)	Irms (Amps)	Carrier Tape Width (mm)	Quantity (pcs/Reel)
HSF100875T-R12K-CA	120	0.29	80	56	24	700
HSF100875T-R15K-CA	150	0.29	73	56		
HSF100875T-R17K-CA	170	0.29	66	56		
HSF100875T-R22K-CA	220	0.29	50	56		
HSF100875T-R27K-CA	270	0.29	40	56		
HSF100875T-R30K-CA	300	0.29	35	56		
HSF100875T-R40K-CA	400	0.29	25	56		

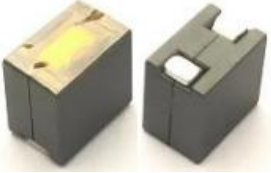
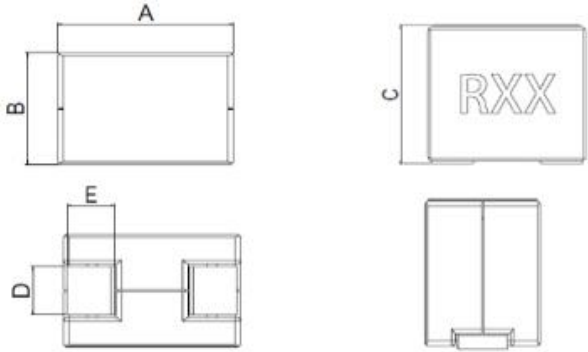
Note: When ordering, please specify tolerance code. Tolerance: K=±10% L=±15% M=±20% .

- All test data is referenced to 25°C ambient;
- Inductance value test condition at 100KHz, 0.1V;
- Isat: Peak current for approximately 20% rolloff;
- I rms: DC current for an approximate temperature rise of 40 °C without core loss;
- Reel Diameter is 330mm.

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.



SMD Power Inductors - HSF090609 Series-CA

SERIES	PHOTO	Shape & Dimensions(mm)				
		A	B	C	D	E
		9.6max	6.4max	9.0max	2.6typ	2.5typ
HSF090609						

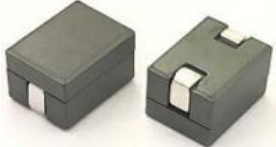
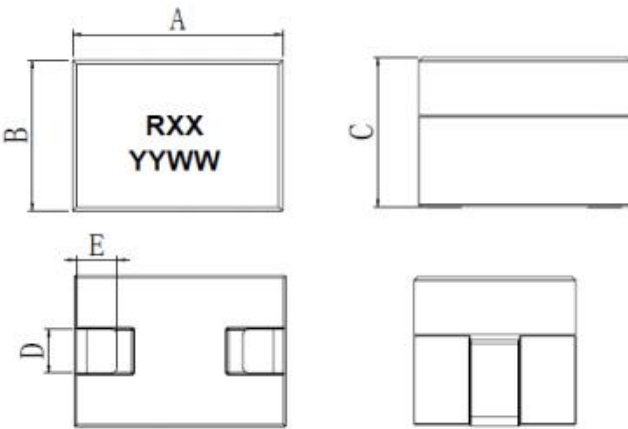
HSF090609 series Electrical Characteristics

Part No.	Inductance	RDC(mΩ)	Isat	Irms	Carrier Tape Width (mm)	Quantity (pcs/Reel)
	(nH)±10%	typical	(Amps)	(Amps)		
HSF090609T-R15K-CA	150	0.17	75	66	24	500
HSF090609T-R17K-CA	170	0.17	65	66		
HSF090609T-R18K-CA	180	0.17	60	66		
HSF090609T-R30K-CA	300	0.17	33	66		

Note: When ordering, please specify tolerance code. Tolerance: K=±10% L=±15% M=±20% .

- All test data is referenced to 25°C ambient;
- Inductance value test condition at 100KHz, 0.1V;
- Isat: Peak current for approximately 20% rolloff;
- Irms: DC current for an approximate temperature rise of 40 °C without core loss;
- Reel Diameter is 330mm.

**SMD Power Inductors - HSF100808 Series-CA**

SERIES	PHOTO	Shape & Dimensions(mm)				
		A	B	C	D	E
		10.8max	8.0max	8.2max	2.25typ	2.2typ
HSF100808						

HSF100808 series Electrical Characteristics


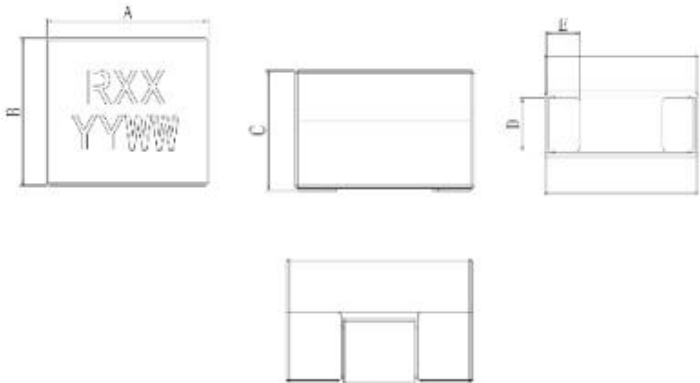
Part No.	Inductance (nH)±10%	RDC(mΩ) typical	Isat (Amps)	Irms (Amps)	Carrier Tape Width (mm)	Quantity (pcs/Reel)
HSF100808T-R10K-CA	100	0.18	100+	74	24	400
HSF100808T-R12K-CA	120	0.18	89	74		
HSF100808T-R15K-CA	150	0.18	75	74		
HSF100808T-R18K-CA	180	0.18	61	74		
HSF100808T-R22K-CA	220	0.18	56	74		
HSF100808T-R27K-CA	270	0.18	44	74		
HSF100808T-R30K-CA	300	0.18	36	74		

Note: When ordering, please specify tolerance code. Tolerance: K=±10% L=±15% M=±20% .

- All test data is referenced to 25°C ambient;
- Inductance value test condition at 100KHz, 0.1V;
- Isat: Peak current for approximately 20% rolloff;
- I rms: DC current for an approximate temperature rise of 40 °C without core loss;
- Reel Diameter is 330mm.

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**SMD Power Inductors - HSF070705 Series-CA**

SERIES	PHOTO	Shape & Dimensions(mm)				
		A	B	C	D	E
		7.0max	6.8max	5.0max	2.5typ	1.5typ
HSF070705						

HSF070705 series Electrical Characteristics

Part No.	Inductance	RDC(mΩ)	Isat	Irms	Carrier Tape Width (mm)	Quantity (pcs/Reel)
	(nH)±10%	typical	(Amps)	(Amps)		
HSF070705T-R07K-CA	70	0.32	65	39	16	900
HSF070705T-R10K-CA	100	0.32	46	39		
HSF070705T-R12K-CA	120	0.32	37	39		
HSF070705T-R15K-CA	150	0.32	30	39		
HSF070705T-R18K-CA	180	0.32	25	39		
HSF070705T-R22K-CA	220	0.32	20	39		


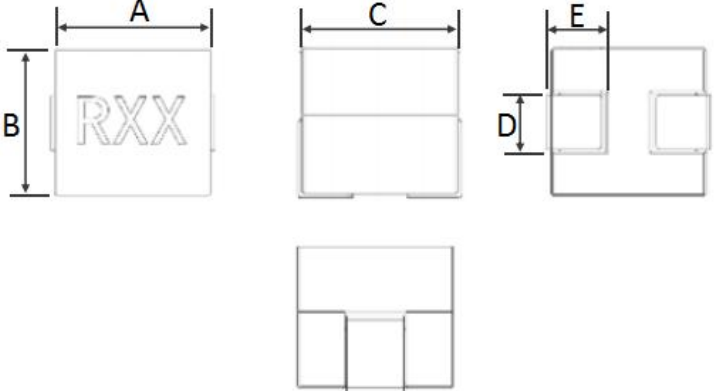
Note: When ordering, please specify tolerance code. Tolerance: K=±10% L=±15% M=±20% .

- All test data is referenced to 25°C ambient;
- Inductance value test condition at 100KHz, 0.1V;
- Isat: Peak current for approximately 20% rolloff;
- Irms: DC current for an approximate temperature rise of 40 °C without core loss;
- Reel Diameter is 330mm.

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SMD Power Inductors - HSF040404 Series-CA

SERIES	PHOTO	Shape & Dimensions(mm)				
		A	B	C	D	E
		4.0max	4.0max	4.0max	1.4typ	0.9typ
HSF040404						

HSF040404 series Electrical Characteristics


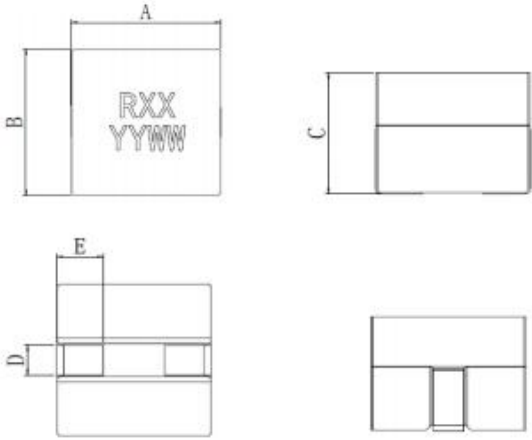
Part No.	Inductance	RDC(mΩ)	Isat	Irms	Carrier Tape Width (mm)	Quantity (pcs/Reel)
	(nH)±10%	typical	(Amps)	(Amps)		
HSF040404T-R05K-CA	55	0.32	30	40	12	1800
HSF040404T-R06K-CA	66	0.32	26	40		
HSF040404T-R08K-CA	80	0.32	22	40		
HSF040404T-R10K-CA	100	0.32	17	40		

Note: When ordering, please specify tolerance code. Tolerance: K=±10% L=±15% M=±20% .

- All test data is referenced to 25°C ambient;
- Inductance value test condition at 100KHz, 0.1V;
- Isat: Peak current for approximately 20% rolloff;
- Irms: DC current for an approximate temperature rise of 40 °C without core loss;
- Reel Diameter is 330mm.



SMD Power Inductors - HSF121109 Series-CA

SERIES	PHOTO	Shape & Dimensions(mm)				
		A	B	C	D	E
		11.5max	11.0max	9.0max	2.18typ	3.20typ
HSF121109						

HSF121109 series Electrical Characteristics

Part No.	Inductance (nH)±10%	RDC(mΩ) typical	Isat (Amps)	Irms (Amps)	Carrier Tape Width (mm)	Quantity (pcs/Reel)
HSF121109T-R15K-CA	150	0.30	105	55	24	300
HSF121109T-R18K-CA	180	0.30	90	55		
HSF121109T-R22K-CA	220	0.30	78	55		
HSF121109T-R25K-CA	250	0.30	68	55		
HSF121109T-R29K-CA	290	0.30	55	55		
HSF121109T-R33K-CA	330	0.30	54	55		
HSF121109T-R38K-CA	380	0.30	45	55		
HSF121109T-R47K-CA	470	0.30	38	55		
HSF121109T-R50K-CA	500	0.30	32	55		


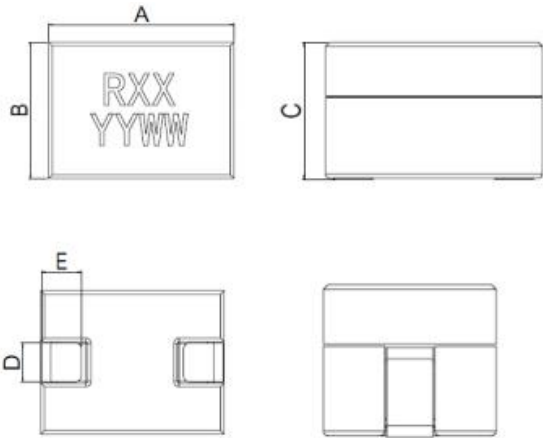
Note: When ordering, please specify tolerance code. Tolerance: K=±10% L=±15% M=±20% .

- All test data is referenced to 25°C ambient;
- Inductance value test condition at 100KHz, 0.1V;
- Isat: Peak current for approximately 20% rolloff;
- Irms: DC current for an approximate temperature rise of 40 °C without core loss;
- Reel Diameter is 330mm.

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SMD Power Inductors - HSF100807 Series-CA

SERIES	PHOTO	Shape & Dimensions(mm)				
		A	B	C	D	E
		10.7max	8.0max	7.0max	2.1±0.05	2.2±0.15
HSF100807						

HSF100807 series Electrical Characteristics

Part No.	Inductance	RDC(mΩ)	Isat	Irms	Carrier Tape Width (mm)	Quantity (pcs/Reel)
	(nH)±10%	typical	(Amps)	(Amps)		
HSF100807T-R15K-CA	150	0.29	75	61	24	700
HSF100807T-R18K-CA	180	0.29	60	61		
HSF100807T-R22K-CA	220	0.29	50	61		
HSF100807T-R27K-CA	270	0.29	41	61		
HSF100807T-R30K-CA	300	0.29	35	61		
HSF100807T-R33K-CA	330	0.29	33	61		
HSF100807T-R39K-CA	390	0.29	28	61		
HSF100807T-R47K-CA	470	0.29	23.5	61		


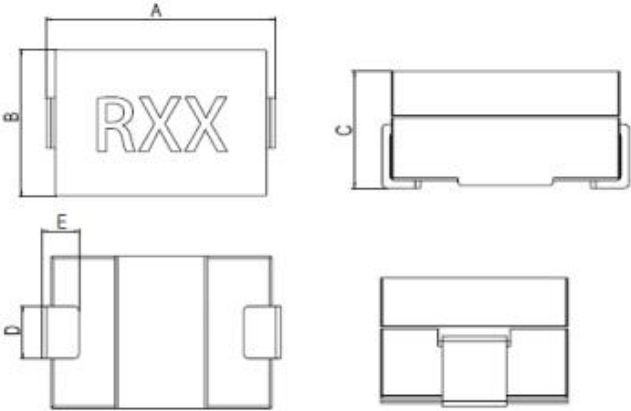
Note: When ordering, please specify tolerance code. Tolerance: K=±10% L=±15% M=±20% .

- All test data is referenced to 25°C ambient;
- Inductance value test condition at 100KHz, 0.1V;
- Isat: Peak current for approximately 20% rolloff;
- Irms: DC current for an approximate temperature rise of 40 °C without core loss;
- Reel Diameter is 330mm.

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SMD Power Inductors - HSF100705 Series-CA

SERIES	PHOTO	Shape & Dimensions(mm)				
		A	B	C	D	E
		10.2max	7.0max	5.0max	2.3±0.1	1.52±0.25
HSF100705						

HSF100705 series Electrical Characteristics


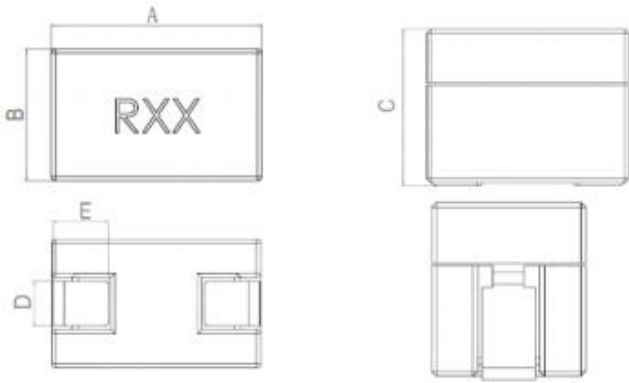
Part No.	Inductance (nH)±10%	RDC(mΩ) typical	Isat (Amps)	Irms (Amps)	Carrier Tape Width (mm)	Quantity (pcs/Reel)
HSF100705T-R08K-CA	80	0.32	80	45	24	800
HSF100705T-R10K-CA	100	0.32	62	45		
HSF100705T-R12K-CA	120	0.32	56	45		
HSF100705T-R15K-CA	150	0.32	50	45		
HSF100705T-R20K-CA	200	0.32	33	45		
HSF100705T-R22K-CA	220	0.32	30	45		

Note: When ordering, please specify tolerance code. Tolerance: K=±10% L=±15% M=±20% .

- All test data is referenced to 25°C ambient;
- Inductance value test condition at 100KHz, 0.1V;
- Isat: Peak current for approximately 20% rolloff;
- Irms: DC current for an approximate temperature rise of 40 °C without core loss;
- Reel Diameter is 330mm.

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**SMD Power Inductors - HSF090608 Series-CA**

SERIES	PHOTO	Shape & Dimensions(mm)				
		A	B	C	D	E
		9.4±0.3	6.2±0.2	8.0max	2.14±0.2	2.3±0.5
HSF090608						

HSF090608 series Electrical Characteristics

Part No.	Inductance	RDC(mΩ)	Isat	Irms	Carrier Tape Width (mm)	Quantity (pcs/Reel)
	(nH)±10%	typical	(Amps)	(Amps)		
HSF090608T-R10K-CA	100	0.29	94	45	24	600
HSF090608T-R12K-CA	120	0.29	79	45		
HSF090608T-R15K-CA	150	0.29	65	45		
HSF090608T-R18K-CA	180	0.29	54	45		
HSF090608T-R22K-CA	220	0.29	44	45		
HSF090608T-R30K-CA	300	0.29	32.5	45		


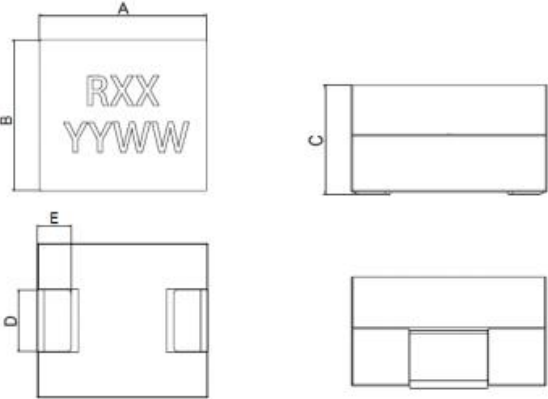
Note: When ordering, please specify tolerance code. Tolerance: K=±10% L=±15% M=±20% .

- All test data is referenced to 25°C ambient;
- Inductance value test condition at 100KHz, 0.1V;
- Isat: Peak current for approximately 20% rolloff;
- Irms: DC current for an approximate temperature rise of 40 °C without core loss;
- Reel Diameter is 330mm.

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SMD Power Inductors - HSF131308 Series-CA

SERIES	PHOTO	Shape & Dimensions(mm)				
		A	B	C	D	E
		13.46max	12.95max	8.0max	5.08typ	2.54typ
HSF131308						

HSF131308 series Electrical Characteristics

Part No.	Inductance	RDC(mΩ)	Isat	Irms	Carrier Tape Width (mm)	Quantity (pcs/Reel)
	(nH)±10%	typical	(Amps)	(Amps)		
HSF131308T-R18K-CA	180	0.29	90	45	24	350
HSF131308T-R21K-CA	210	0.29	70	45		
HSF131308T-R26K-CA	260	0.29	60	45		
HSF131308T-R32K-CA	320	0.29	50	45		
HSF131308T-R44K-CA	440	0.29	35	45		


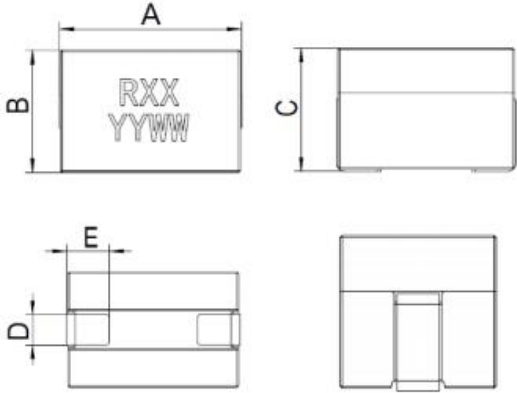
Note: When ordering, please specify tolerance code. Tolerance: K=±10% L=±15% M=±20% .

- All test data is referenced to 25°C ambient;
- Inductance value test condition at 100KHz, 0.1V;
- Isat: Peak current for approximately 20% rolloff;
- I rms: DC current for an approximate temperature rise of 40 °C without core loss;
- Reel Diameter is 330mm.

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SMD Power Inductors - HSF110707 Series-CA

SERIES	PHOTO	Shape & Dimensions(mm)				
		A	B	C	D	E
		13.46max	12.95max	8.0max	5.08typ	2.54typ
HSF110707						

HSF110707 series Electrical Characteristics

Part No.	Inductance (nH)±10%	RDC(mΩ) typical	Isat (Amps)	Irms (Amps)	Carrier Tape Width (mm)	Quantity (pcs/Reel)
HSF110707T-R07K-CA	70	0.29	100+	48	24	700
HSF110707T-R10K-CA	100	0.29	100+	48		
HSF110707T-R12K-CA	120	0.29	85	48		
HSF110707T-R15K-CA	150	0.29	70	48		
HSF110707T-R23K-CA	230	0.29	45	48		
HSF110707T-R30K-CA	300	0.29	32	48		
HSF110707T-R40K-CA	400	0.29	23	48		
HSF110707T-R50K-CA	500	0.29	17	48		

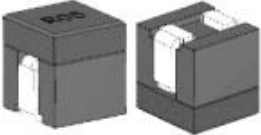
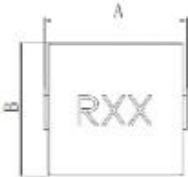
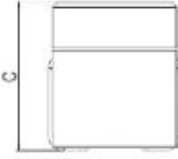
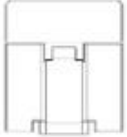
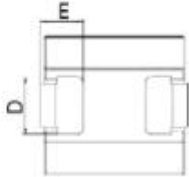
Note: When ordering, please specify tolerance code. Tolerance: K=±10% L=±15% M=±20% .

- All test data is referenced to 25°C ambient;
- Inductance value test condition at 100KHz, 0.1V;
- Isat: Peak current for approximately 20% rolloff;
- I rms: DC current for an approximate temperature rise of 40 °C without core loss;
- Reel Diameter is 330mm.

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SMD Power Inductors - HSF050506 Series-CA

SERIES	PHOTO	Shape & Dimensions(mm)				
		A	B	C	D	E
		5.2max	5.0max	6.1max	2.0±0.2	1.4±0.2
HSF050506			 			

HSF050506 series Electrical Characteristics


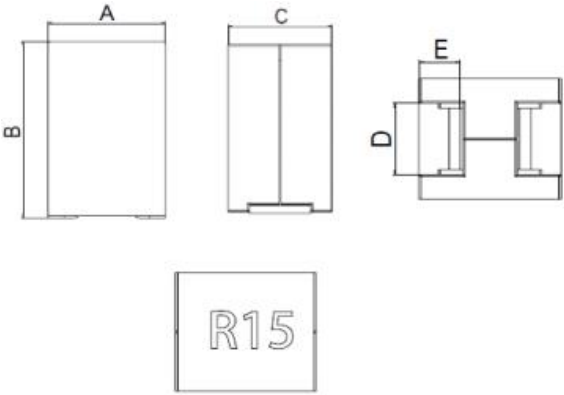
Part No.	Inductance (nH)±10%	RDC(mΩ) typical	Isat (Amps)	Irms (Amps)	Carrier Tape Width (mm)	Quantity (pcs/Reel)
HSF050506T-R05K-CA	50	0.29	68	56	16	800
HSF050506T-R08K-CA	80	0.29	44	56		
HSF050506T-R11K-CA	110	0.29	31	56		
HSF050506T-R15K-CA	150	0.29	17	56		

Note: When ordering, please specify tolerance code. Tolerance: K=±10% L=±15% M=±20% .

- All test data is referenced to 25°C ambient;
- Inductance value test condition at 100KHz, 0.1V;
- Isat: Peak current for approximately 20% rolloff;
- Irms: DC current for an approximate temperature rise of 40 °C without core loss;
- Reel Diameter is 330mm.

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.

**SMD Power Inductors - HSB070711 Series-CA**

SERIES	PHOTO	Shape & Dimensions(mm)				
		A	B	C	D	E
		7.2max	11.2max	6.7max	3.3typ	1.9typ
HSB070711						

HSB070711 series Electrical Characteristics


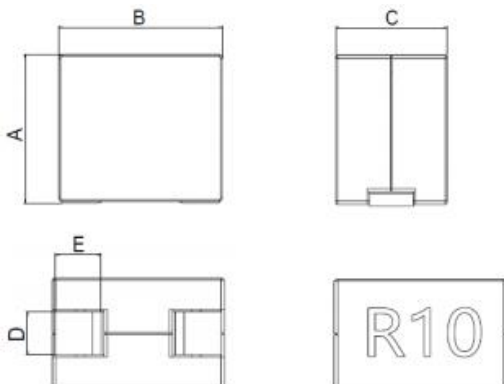
Part No.	Inductance (nH)±10%	RDC(mΩ) typical	Isat (Amps)	Irms (Amps)	Carrier Tape Width (mm)	Quantity (pcs/Reel)
HSB070711T-R10K-CA	100	0.29	100+	40	24	300
HSB070711T-R12K-CA	120	0.29	75	40		
HSB070711T-R15K-CA	150	0.29	72	40		
HSB070711T-R18K-CA	180	0.29	60	40		
HSB070711T-R20K-CA	200	0.29	55	40		
HSB070711T-R22K-CA	220	0.29	50	40		
HSB070711T-R23K-CA	230	0.29	45	40		
HSB070711T-R33K-CA	330	0.29	28	40		

Note: When ordering, please specify tolerance code. Tolerance: K=±10% L=±15% M=±20% .

- All test data is referenced to 25°C ambient;
- Inductance value test condition at 100KHz, 0.1V;
- Isat: Peak current for approximately 20% rolloff;
- I rms: DC current for an approximate temperature rise of 40 °C without core loss;
- Reel Diameter is 330mm.

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.

**SMD Power Inductors - HSB100710 Series-CA**

SERIES	PHOTO	Shape & Dimensions(mm)				
		A	B	C	D	E
		10.0max	10.0max	7.0max	2.55±0.05	2.6±0.15
HSB100710						

HSB100710 series Electrical Characteristics

Part No.	Inductance (nH)±10%	RDC(mΩ) typical	Isat (Amps)	Irms (Amps)	Carrier Tape Width (mm)	Quantity (pcs/Reel)
HSB100710T-R10K-CA	100	0.185	100+	50	24	350
HSB100710T-R12K-CA	120	0.185	90	50		
HSB100710T-R15K-CA	150	0.185	80	50		
HSB100710T-R18K-CA	180	0.185	75	50		
HSB100710T-R20K-CA	200	0.185	70	50		
HSB100710T-R22K-CA	220	0.185	55	50		
HSB100710T-R28K-CA	280	0.185	45	50		
HSB100710T-R33K-CA	330	0.185	38	50		


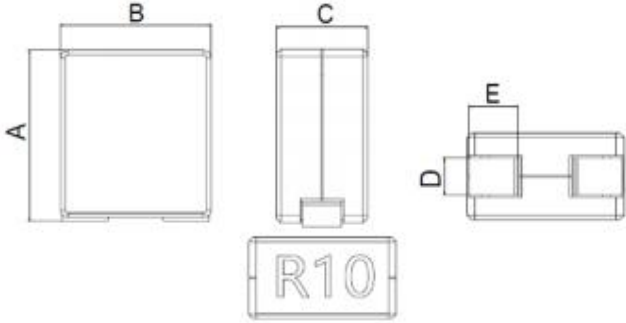
Note: When ordering, please specify tolerance code. Tolerance: K=±10% L=±15% M=±20% .

- All test data is referenced to 25°C ambient;
- Inductance value test condition at 100KHz, 0.1V;
- Isat: Peak current for approximately 20% rolloff;
- Irms: DC current for an approximate temperature rise of 40 °C without core loss;
- Reel Diameter is 330mm.

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.



SMD Power Inductors - HSB100612 Series-CA

SERIES	PHOTO	Shape & Dimensions(mm)				
		A	B	C	D	E
		12.0max	10.0max	6.0max	2.4±0.3	3.0±0.4
HSB100612						

HSB100612 series Electrical Characteristics

Part No.	Inductance (nH)±10%	RDC(mΩ) typical	Isat (Amps)	Irms (Amps)	Carrier Tape Width (mm)	Quantity (pcs/Reel)
HSB100612T-R07K-CA	70	0.125	170	77	24	300
HSB100612T-R10K-CA	100	0.125	125	77		
HSB100612T-R12K-CA	120	0.125	105	77		
HSB100612T-R15K-CA	150	0.125	83	77		
HSB100612T-R33K-CA	330	0.125	35	77		


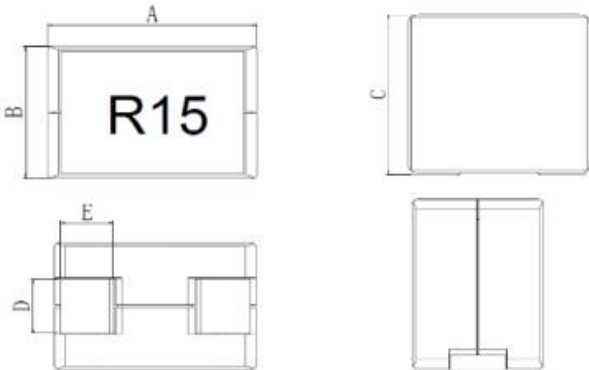
Note: When ordering, please specify tolerance code. Tolerance: K=±10% L=±15% M=±20% .

- All test data is referenced to 25°C ambient;
- Inductance value test condition at 100KHz, 0.1V;
- Isat: Peak current for approximately 20% rolloff;
- Irms: DC current for an approximate temperature rise of 40 °C without core loss;
- Reel Diameter is 330mm.

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SMD Power Inductors - HSB100709 Series-CA

SERIES	PHOTO	Shape & Dimensions(mm)				
		A	B	C	D	E
		10.0max	7.0max	9.0max	2.7±0.25	2.5±0.25
HSB100709						

HSB100709 series Electrical Characteristics

Part No.	Inductance (nH)±10%	RDC(mΩ) typical	Isat (Amps)	Irms (Amps)	Carrier Tape Width (mm)	Quantity (pcs/Reel)
HSB100709T-R10K-CA	100	0.18	100+	70	24	400
HSB100709T-R12K-CA	120	0.18	100+	70		
HSB100709T-R15K-CA	150	0.18	75	70		
HSB100709T-R18K-CA	180	0.18	65	70		
HSB100709T-R22K-CA	220	0.18	44	70		
HSB100709T-R33K-CA	330	0.18	30	70		
HSB100709T-R40K-CA	400	0.18	28	70		

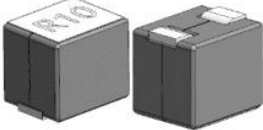
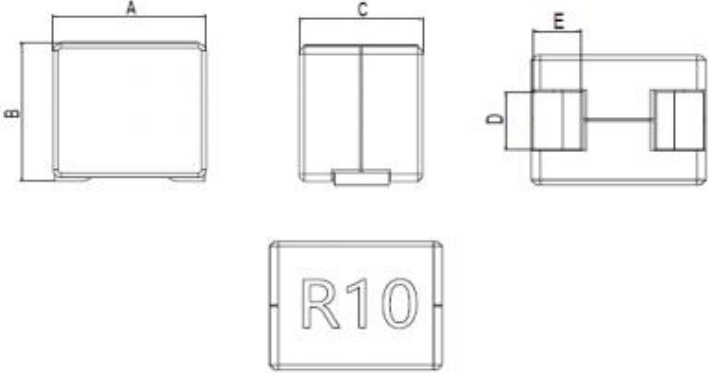
Note: When ordering, please specify tolerance code. Tolerance: K=±10% L=±15% M=±20% .

- All test data is referenced to 25°C ambient;
- Inductance value test condition at 100KHz, 0.1V;
- Isat: Peak current for approximately 20% rolloff;
- Irms: DC current for an approximate temperature rise of 40 °C without core loss;
- Reel Diameter is 330mm.

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SMD Power Inductors - HSB100810 Series-CA

SERIES	PHOTO	Shape & Dimensions(mm)				
		A	B	C	D	E
		10.0max	10.0max	8.0max	3.4typ	2.65typ
HSB100810						

HSB100810 series Electrical Characteristics

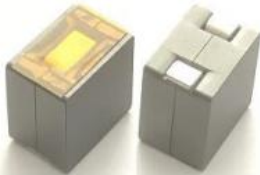
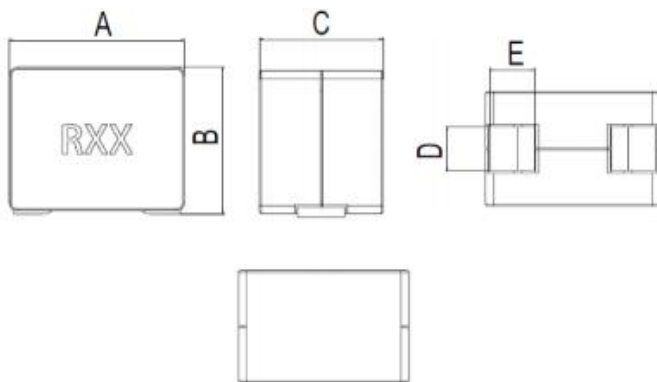
Part No.	Inductance (nH)±10%	RDC(mΩ) typical	Isat (Amps)	Irms (Amps)	Carrier Tape Width (mm)	Quantity (pcs/Reel)
HSB100810T-R10K-CA	100	0.13	100+	65	24	300
HSB100810T-R12K-CA	120	0.13	100+	65		
HSB100810T-R15K-CA	150	0.13	75	65		
HSB100810T-R18K-CA	180	0.13	65	65		
HSB100810T-R27K-CA	270	0.13	42	65		
HSB100810T-R32K-CA	320	0.13	40	65		

Note: When ordering, please specify tolerance code. Tolerance: K=±10% L=±15% M=±20% .

- All test data is referenced to 25°C ambient;
- Inductance value test condition at 100KHz, 0.1V;
- Isat: Peak current for approximately 20% rolloff;
- Irms: DC current for an approximate temperature rise of 40 °C without core loss;
- Reel Diameter is 330mm.

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**SMD Power Inductors - HSB110810 Series-CA**

SERIES	PHOTO	Shape & Dimensions(mm)				
		A	B	C	D	E
		10.7max	9.4±0.2	7.5max	2.4±0.3	3.0±0.4
HSB110810						

HSB110810 series Electrical Characteristics

Part No.	Inductance (nH)±10%	RDC(mΩ) typical	Isat (Amps)	Irms (Amps)	Carrier Tape Width (mm)	Quantity (pcs/Reel)
HSB110810T-R20K-CA	200	0.23	70	38	24	350
HSB110810T-R22K-CA	220	0.23	64	38		
HSB110810T-R27K-CA	270	0.23	55	38		
HSB110810T-R30K-CA	300	0.23	50	38		
HSB110810T-R32K-CA	320	0.23	42	38		

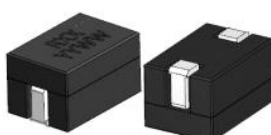
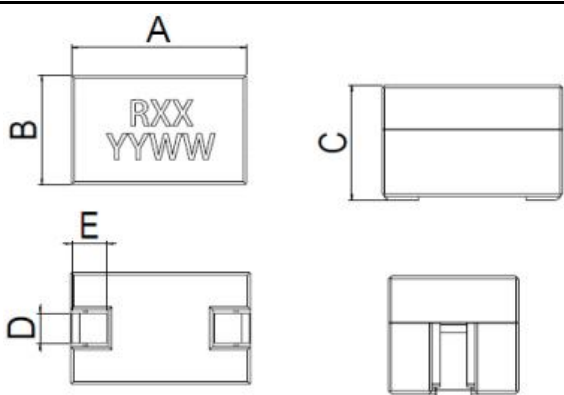
Note: When ordering, please specify tolerance code. Tolerance: K=±10% L=±15% M=±20% .

- All test data is referenced to 25°C ambient;
- Inductance value test condition at 100KHz, 0.1V;
- Isat: Peak current for approximately 20% rolloff;
- Irms: DC current for an approximate temperature rise of 40 °C without core loss;
- Reel Diameter is 330mm.

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SMD Power Inductors - HSF120808 Series-CA

SERIES	PHOTO	Shape & Dimensions(mm)				
		A	B	C	D	E
		12.1max	8.0max	8.0max	2.3typ	2.3typ
HSF120808						

HSF120808 series Electrical Characteristics


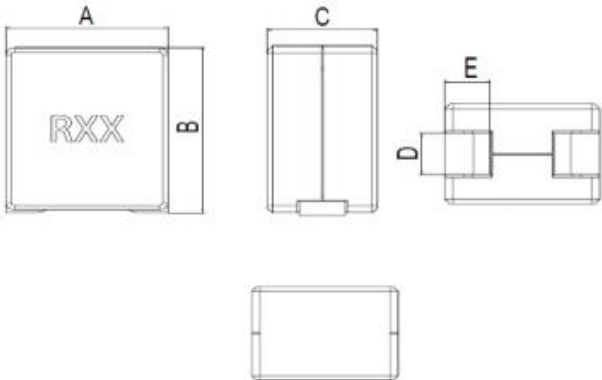
Part No.	Inductance (nH)±10%	RDC(mΩ) typical	Isat (Amps)	Irms (Amps)	Carrier Tape Width (mm)	Quantity (pcs/Reel)
HSF120808T-R15K-CA	150	0.29	85	50	24	500
HSF120808T-R18K-CA	180	0.29	72	50		
HSF120808T-R21K-CA	210	0.29	65	50		
HSF120808T-R23K-CA	230	0.29	61	50		
HSF120808T-R25K-CA	250	0.29	55	50		

Note: When ordering, please specify tolerance code. Tolerance: K=±10% L=±15% M=±20% .

- All test data is referenced to 25°C ambient;
- Inductance value test condition at 100KHz, 0.1V;
- Isat: Peak current for approximately 20% rolloff;
- Irms: DC current for an approximate temperature rise of 40 °C without core loss;
- Reel Diameter is 330mm.

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.

**SMD Power Inductors - HSB090608 Series-CA**

SERIES	PHOTO	Shape & Dimensions(mm)				
		A	B	C	D	E
		9.6max	8.0max	6.4max	2.15±0.15	2.5±0.2
HSB090608						

HSB090608 series Electrical Characteristics

Part No.	Inductance (nH)±10%	RDC(mΩ) typical	Isat (Amps)	Irms (Amps)	Carrier Tape Width (mm)	Quantity (pcs/Reel)
HSB090608T-R10K-CA	100	0.29	94	51	24	600
HSB090608T-R12K-CA	120	0.29	79	51		
HSB090608T-R15K-CA	150	0.29	65	51		
HSB090608T-R18K-CA	180	0.29	55	51		
HSB090608T-R22K-CA	220	0.29	44	51		
HSB090608T-R28K-CA	280	0.29	34	51		
HSB090608T-R30K-CA	300	0.29	32.5	51		

Note: When ordering, please specify tolerance code. Tolerance: K=±10% L=±15% M=±20% .

- All test data is referenced to 25°C ambient;
- Inductance value test condition at 100KHz, 0.1V;
- Isat: Peak current for approximately 20% rolloff;
- I rms: DC current for an approximate temperature rise of 40 °C without core loss;
- Reel Diameter is 330mm.

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