FEATURES

- Carbonyl iron powder material core provides large saturation current.
- Molding construction reduces buzz noise to ultra-low levels.
- Closed magnetic circuit design reduces leakage flux and EMI.
- Excellent temperature characteristics.
- Operating temperature:-40℃ ~ +125℃.

APPLICATIONS

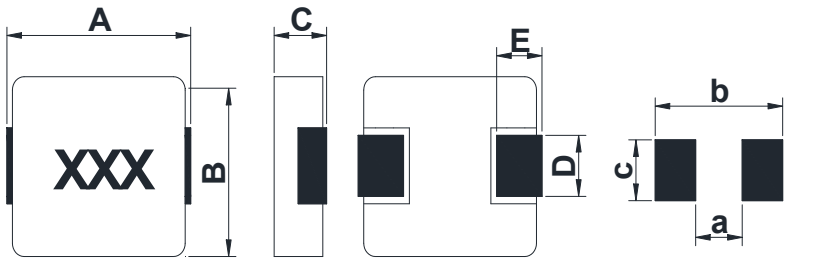
- TV, Graphics, Memory.
- Notebooks, Tablets.
- Communication equipments, Industrial equipments.

PRODUCT IDENTIFICATION

AMDP	0630	H	1R0	M	T
(1)	(2)	(3)	(4)	(5)	(6)

(1) 系列名称 Series name
(2) 产品尺寸 Product dimensions
(3) 特性类别 Feature Type (H: Carbonyl iron type)
(4) 电感量 Inductance Value (1R0:1.0uH，100:10uH，101:100uH)
(5) 电感公差 Inductance Tolerance(K:10%，M:20%，N:30%)
(6) 包装 Package(T:Tape&Reel 卷盘编带)

SHAPE AND DIMENSIONS



Recommend Land

Series	A	B	C Max	D	E	a Ref	b Ref	c Ref
AMDP0420H	4.50±0.40	4.30±0.40	2.0	2.00±0.30	0.80±0.30	2.2	5.2	2.5
AMDP0518H	5.50±0.40	5.30±0.40	1.8	2.20±0.50	1.20±0.50	2.2	6.0	2.7
AMDP0520H	5.50±0.40	5.30±0.40	2.0	2.20±0.50	1.20±0.50	2.2	6.0	2.7
AMDP0530H	5.50±0.40	5.30±0.40	3.0	2.20±0.50	1.20±0.50	2.2	6.0	2.7
AMDP0618H	7.30±0.40	6.80±0.40	1.8	3.00±0.50	1.60±0.50	3.7	8.4	3.5
AMDP0620H	7.30±0.40	6.80±0.40	2.0	3.00±0.50	1.60±0.50	3.7	8.4	3.5
AMDP0624H	7.30±0.40	6.80±0.40	2.4	3.00±0.50	1.60±0.50	3.7	8.4	3.5
AMDP0630H	7.30±0.40	6.80±0.40	3.0	3.00±0.50	1.60±0.50	3.7	8.4	3.5
AMDP0640H	7.30±0.40	6.80±0.40	4.0	3.00±0.50	1.60±0.50	3.7	8.4	3.5
AMDP0650H	7.30±0.40	6.80±0.40	5.0	3.00±0.50	1.60±0.50	3.7	8.4	3.5
AMDP1030H	11.10±0.40	10.00±0.40	3.0	3.00±0.50	2.00±0.50	5.4	13.6	4.1
AMDP1040H	11.10±0.40	10.00±0.40	4.0	3.00±0.50	2.00±0.50	5.4	13.6	4.1
AMDP1050H	11.10±0.40	10.00±0.40	5.0	3.00±0.50	2.00±0.50	5.4	13.6	4.1
AMDP1350H	13.60±0.40	12.80±0.40	5.0	3.80±0.50	2.20±0.50	8.0	15.5	5.0
AMDP1360H	13.45±0.35	12.60±0.40	6.0	3.80±0.50	2.20±0.50	8.0	15.5	5.0
AMDP1365H	13.45±0.35	12.60±0.40	6.5	3.80±0.50	2.20±0.50	8.0	15.5	5.0
AMDP1770H	18.10±0.40	17.10±0.40	7.0	11.90±0.50	2.50±0.50	11.2	18.7	12.8

Unit:mm

SPECIFICATIONS

AMDP0420H Series

Part Number	Inductance (μH)	Tolerance (%)	Test Condition	DCR (mΩ)		Isat(A)	Irms(A)
				Typ.	Max.	Typ.	Typ.
AMDP0420HR10MT	0.10	20	100KHz/1V	3.2	4.0	35.0	14.0
AMDP0420HR22MT	0.22	20	100KHz/1V	6.6	7.3	24.0	13.0
AMDP0420HR33MT	0.33	20	100KHz/1V	7.8	8.6	18.0	10.0
AMDP0420HR47MT	0.47	20	100KHz/1V	11.2	14.0	12.0	8.0
AMDP0420HR56MT	0.56	20	100KHz/1V	13.5	16.0	10.0	7.3
AMDP0420HR68MT	0.68	20	100KHz/1V	16.0	19.0	10.0	7.0
AMDP0420H1R0MT	1.0	20	100KHz/1V	22.0	27.0	8.5	5.0
AMDP0420H1R5MT	1.5	20	100KHz/1V	34.8	42.0	7.0	4.5
AMDP0420H2R2MT	2.2	20	100KHz/1V	51.0	61.0	6.0	4.0
AMDP0420H3R3MT	3.3	20	100KHz/1V	69.0	76.0	4.0	3.5
AMDP0420H4R7MT	4.7	20	100KHz/1V	95.0	105.0	3.5	2.6
AMDP0420H5R6MT	5.6	20	100KHz/1V	112.0	125.0	3.0	2.2
AMDP0420H6R8MT	6.8	20	100KHz/1V	150.0	172.0	2.8	2.1
AMDP0420H8R2MT	8.2	20	100KHz/1V	158.0	180.0	2.5	2.0
AMDP0420H100MT	10	20	100KHz/1V	215.0	243.0	2.3	1.8

AMDP0518H Series

Part Number	Inductance (μH)	Tolerance (%)	Test Condition	DCR (mΩ)		Isat(A)	Irms(A)
				Typ.	Max.	Typ.	Typ.
AMDP0518HR15MT	0.15	20	100KHz/1V	3.5	3.9	27.0	15.5
AMDP0518HR22MT	0.22	20	100KHz/1V	4.2	5.0	22.0	13.0
AMDP0518HR33MT	0.33	20	100KHz/1V	7.5	8.6	15.0	11.0
AMDP0518HR47MT	0.47	20	100KHz/1V	9.8	11.3	14.0	10.0
AMDP0518HR56MT	0.56	20	100KHz/1V	11.0	13.0	13.5	9.5
AMDP0518HR68MT	0.68	20	100KHz/1V	12.4	14.3	13.0	9.0
AMDP0518H1R0MT	1.0	20	100KHz/1V	18.2	21.0	10.0	6.8
AMDP0518H1R5MT	1.5	20	100KHz/1V	26.0	30.0	9.0	6.0
AMDP0518H2R2MT	2.2	20	100KHz/1V	42.0	48.3	7.5	4.5
AMDP0518H3R3MT	3.3	20	100KHz/1V	60.0	69.0	5.0	3.5
AMDP0518H4R7MT	4.7	20	100KHz/1V	85.0	98.0	4.5	3.0
AMDP0518H5R6MT	5.6	20	100KHz/1V	110.0	127.0	4.0	2.5
AMDP0518H6R8MT	6.8	20	100KHz/1V	118.0	137.0	3.5	2.4
AMDP0518H8R2MT	8.2	20	100KHz/1V	143.0	165.0	3.0	2.3
AMDP0518H100MT	10	20	100KHz/1V	165.0	190.0	2.8	2.3

AMDP0520H Series

Part Number	Inductance (μH)	Tolerance (%)	Test Condition	DCR (mΩ)		Isat(A)	Irms(A)
				Typ.	Max.	Typ.	Typ.
AMDP0520HR10MT	0.10	20	100KHz/1V	3.6	4.0	45.0	18.0
AMDP0520HR15MT	0.15	20	100KHz/1V	3.8	4.6	27.0	16.0
AMDP0520HR22MT	0.22	20	100KHz/1V	4.0	5.5	25.0	15.0
AMDP0520HR33MT	0.33	20	100KHz/1V	6.3	7.3	21.3	12.0
AMDP0520HR47MT	0.47	20	100KHz/1V	7.3	8.6	18.0	11.5
AMDP0520HR68MT	0.68	20	100KHz/1V	11.0	12.4	12.8	10.0
AMDP0520H1R0MT	1.0	20	100KHz/1V	17.5	20.0	13.7	7.0
AMDP0520H1R5MT	1.5	20	100KHz/1V	26.5	30.5	9.8	5.5
AMDP0520H2R2MT	2.2	20	100KHz/1V	42.0	50.0	9.0	4.2
AMDP0520H3R3MT	3.3	20	100KHz/1V	66.0	76.0	7.3	3.3
AMDP0520H4R7MT	4.7	20	100KHz/1V	103.0	116.0	5.0	2.8
AMDP0520H5R6MT	5.6	20	100KHz/1V	112.0	122.0	4.0	2.5
AMDP0520H6R8MT	6.8	20	100KHz/1V	130.0	150.0	3.8	2.4
AMDP0520H8R2MT	8.2	20	100KHz/1V	148.0	171.0	3.5	2.3
AMDP0520H100MT	10	20	100KHz/1V	180.0	199.0	3.4	2.3

AMDP0530H Series

Part Number	Inductance (μH)	Tolerance (%)	Test Condition	DCR (mΩ)		Isat(A)	Irms(A)
				Typ.	Max.	Typ.	Typ.
AMDP0530HR10MT	0.10	20	100KHz/1V	2.2	2.6	40.0	24.0
AMDP0530HR15MT	0.15	20	100KHz/1V	2.5	3.0	37.0	22.0
AMDP0530HR22MT	0.22	20	100KHz/1V	3.2	3.8	32.0	19.0
AMDP0530HR33MT	0.33	20	100KHz/1V	4.3	5.0	20.0	15.0
AMDP0530HR47MT	0.47	20	100KHz/1V	6.3	7.1	18.0	13.0
AMDP0530HR56MT	0.56	20	100KHz/1V	7.8	8.6	17.0	12.0
AMDP0530HR68MT	0.68	20	100KHz/1V	8.0	9.0	15.5	11.0
AMDP0530HR82MT	0.82	20	100KHz/1V	8.8	10.0	14.0	10.0
AMDP0530H1R0MT	1.0	20	100KHz/1V	11.0	12.7	13.0	9.0
AMDP0530H1R5MT	1.5	20	100KHz/1V	14.4	16.6	11.5	8.0
AMDP0530H2R2MT	2.2	20	100KHz/1V	26.0	29.2	11.0	7.0
AMDP0530H3R3MT	3.3	20	100KHz/1V	33.0	38.0	9.0	6.0
AMDP0530H4R7MT	4.7	20	100KHz/1V	48.0	53.0	8.0	5.5
AMDP0530H5R6MT	5.6	20	100KHz/1V	54.0	62.0	7.3	4.7
AMDP0530H6R8MT	6.8	20	100KHz/1V	68.0	76.2	6.0	4.2
AMDP0530H8R2MT	8.2	20	100KHz/1V	85.0	97.0	5.0	3.8
AMDP0530H100MT	10	20	100KHz/1V	104.0	120.0	4.0	3.5

AMDP0618H Series

Part Number	Inductance (μH)	Tolerance (%)	Test Condition	DCR (mΩ)		Isat(A)	Irms(A)
				Typ.	Max.	Typ.	Typ.
AMDP0618HR10MT	0.10	20	100KHz/1V	2.1	2.5	45.0	18.0
AMDP0618HR15MT	0.15	20	100KHz/1V	2.2	2.6	34.0	18.0
AMDP0618HR22MT	0.22	20	100KHz/1V	2.5	3.0	26.0	16.0
AMDP0618HR33MT	0.33	20	100KHz/1V	4.8	5.8	22.0	14.0
AMDP0618HR47MT	0.47	20	100KHz/1V	6.4	7.4	18.0	12.0
AMDP0618HR56MT	0.56	20	100KHz/1V	8.5	10.0	17.5	11.0
AMDP0618HR68MT	0.68	20	100KHz/1V	9.5	11.0	17.0	10.0
AMDP0618HR82MT	0.82	20	100KHz/1V	11.5	14.0	15.5	8.5
AMDP0618H1R0MT	1.0	20	100KHz/1V	14.5	17.0	14.0	7.0
AMDP0618H1R5MT	1.5	20	100KHz/1V	21.0	25.2	13.0	6.0
AMDP0618H2R2MT	2.2	20	100KHz/1V	31.0	35.0	11.0	6.0
AMDP0618H3R3MT	3.3	20	100KHz/1V	40.0	46.0	9.0	5.0
AMDP0618H4R7MT	4.7	20	100KHz/1V	68.0	76.0	7.0	4.0
AMDP0618H5R6MT	5.6	20	100KHz/1V	78.0	86.0	6.0	3.5
AMDP0618H6R8MT	6.8	20	100KHz/1V	93.0	104.0	5.5	3.0
AMDP0618H8R2MT	8.2	20	100KHz/1V	123.0	140.0	4.5	2.6
AMDP0618H100MT	10	20	100KHz/1V	143.0	160.0	3.5	2.3

AMDP0620H Series

Part Number	Inductance (μH)	Tolerance (%)	Test Condition	DCR (mΩ)		Isat(A)	Irms(A)
				Typ.	Max.	Typ.	Typ.
AMDP0620HR10MT	0.10	20	100KHz/1V	2.0	2.4	40.0	21.0
AMDP0620HR15MT	0.15	20	100KHz/1V	2.3	2.7	39.0	18.0
AMDP0620HR22MT	0.22	20	100KHz/1V	3.5	4.0	32.0	15.0
AMDP0620HR33MT	0.33	20	100KHz/1V	4.5	5.0	25.0	14.0
AMDP0620HR47MT	0.47	20	100KHz/1V	7.1	8.3	20.0	11.7
AMDP0620HR56MT	0.56	20	100KHz/1V	7.9	9.3	18.0	11.0
AMDP0620HR68MT	0.68	20	100KHz/1V	8.3	10.0	16.0	10.5
AMDP0620H1R0MT	1.0	20	100KHz/1V	16.5	18.0	14.0	8.0
AMDP0620H1R5MT	1.5	20	100KHz/1V	23.0	27.0	12.0	7.0
AMDP0620H2R2MT	2.2	20	100KHz/1V	32.0	37.0	10.0	6.0
AMDP0620H3R3MT	3.3	20	100KHz/1V	43.0	48.0	8.0	5.0
AMDP0620H4R7MT	4.7	20	100KHz/1V	53.0	60.0	7.0	4.5
AMDP0620H5R6MT	5.6	20	100KHz/1V	59.0	68.0	6.0	4.0
AMDP0620H6R8MT	6.8	20	100KHz/1V	63.0	73.0	5.5	4.0
AMDP0620H8R2MT	8.2	20	100KHz/1V	101.0	116.0	5.0	3.2
AMDP0620H100MT	10	20	100KHz/1V	134.0	154.0	4.0	2.8

AMDP0624H Series

Part Number	Inductance (μH)	Tolerance (%)	Test Condition	DCR (mΩ)		Isat(A)	Irms(A)
				Typ.	Max.	Typ.	Typ.
AMDP0624HR10MT	0.10	20	100KHz/1V	1.4	1.7	70.0	30.0
AMDP0624HR15MT	0.15	20	100KHz/1V	1.8	2.3	45.0	30.0
AMDP0624HR22MT	0.22	20	100KHz/1V	2.0	3.2	34.0	21.0
AMDP0624HR33MT	0.33	20	100KHz/1V	3.6	4.4	30.0	18.0
AMDP0624HR36MT	0.36	20	100KHz/1V	3.8	4.6	29.0	17.0
AMDP0624HR47MT	0.47	20	100KHz/1V	4.8	5.1	26.0	15.0
AMDP0624HR56MT	0.56	20	100KHz/1V	5.5	6.5	24.0	13.0
AMDP0624HR68MT	0.68	20	100KHz/1V	6.4	7.2	21.0	13.0
AMDP0624HR82MT	0.82	20	100KHz/1V	8.0	9.5	17.0	11.0
AMDP0624H1R0MT	1.0	20	100KHz/1V	10.5	13.5	16.0	11.0
AMDP0624H1R5MT	1.5	20	100KHz/1V	17.0	20.0	15.0	9.0
AMDP0624H2R2MT	2.2	20	100KHz/1V	23.0	28.0	14.0	7.0
AMDP0624H3R3MT	3.3	20	100KHz/1V	34.0	39.0	10.0	6.0
AMDP0624H4R7MT	4.7	20	100KHz/1V	41.0	50.0	9.0	5.5
AMDP0624H5R6MT	5.6	20	100KHz/1V	56.0	62.0	8.0	5.0
AMDP0624H6R8MT	6.8	20	100KHz/1V	65.0	72.0	7.0	4.0
AMDP0624H8R2MT	8.2	20	100KHz/1V	81.0	95.0	6.0	3.6
AMDP0624H100MT	10	20	100KHz/1V	92.0	101.0	5.0	3.2
AMDP0624H150MT	15	20	100KHz/1V	150.0	180.0	3.5	2.5
AMDP0624H220MT	22	20	100KHz/1V	185.0	215.0	3.0	1.8

AMDP0630H Series

Part Number	Inductance (μH)	Tolerance (%)	Test Condition	DCR (mΩ)		Isat(A)	Irms(A)
				Typ.	Max.	Typ.	Typ.
AMDP0630HR10MT	0.10	20	100KHz/1V	1.2	1.7	60.0	32.5
AMDP0630HR22MT	0.22	20	100KHz/1V	2.1	2.8	40.0	23.0
AMDP0630HR33MT	0.33	20	100KHz/1V	3.5	3.9	32.0	20.0
AMDP0630HR36MT	0.36	20	100KHz/1V	3.6	4.2	32.0	19.0
AMDP0630HR47MT	0.47	20	100KHz/1V	4.0	4.2	26.0	17.5
AMDP0630HR56MT	0.56	20	100KHz/1V	4.7	5.0	25.5	16.5
AMDP0630HR68MT	0.68	20	100KHz/1V	4.8	5.5	25.0	15.5
AMDP0630HR82MT	0.82	20	100KHz/1V	6.7	8.0	24.0	13.0
AMDP0630H1R0MT	1.0	20	100KHz/1V	8.3	10.0	22.0	11.0
AMDP0630H1R5MT	1.5	20	100KHz/1V	13.0	15.0	18.0	9.0
AMDP0630H2R2MT	2.2	20	100KHz/1V	18.0	20.0	14.0	8.0
AMDP0630H3R3MT	3.3	20	100KHz/1V	28.0	30.0	13.5	6.0
AMDP0630H4R7MT	4.7	20	100KHz/1V	37.0	40.0	10.0	5.5
AMDP0630H5R6MT	5.6	20	100KHz/1V	43.0	48.0	9.0	5.0
AMDP0630H6R8MT	6.8	20	100KHz/1V	54.0	60.0	8.0	4.5
AMDP0630H8R2MT	8.2	20	100KHz/1V	64.0	68.0	7.5	4.0
AMDP0630H100MT	10	20	100KHz/1V	75.0	85.0	6.0	3.5
AMDP0630H150MT	15	20	100KHz/1V	107.0	123.0	4.0	3.0
AMDP0630H220MT	22	20	100KHz/1V	165.0	190.0	3.5	2.0

AMDP0640H Series

Part Number	Inductance (μH)	Tolerance (%)	Test Condition	DCR (mΩ)		Isat(A)	Irms(A)
				Typ.	Max.	Typ.	Typ.
AMDP0640HR12MT	0.12	20	100KHz/1V	0.7	1.0	64.0	32.0
AMDP0640HR15MT	0.15	20	100KHz/1V	0.9	1.2	55.0	30.0
AMDP0640HR47MT	0.47	20	100KHz/1V	3.0	3.4	28.0	23.0
AMDP0640HR56MT	0.56	20	100KHz/1V	3.8	4.3	26.0	20.0
AMDP0640HR68MT	0.68	20	100KHz/1V	4.1	4.5	24.0	16.0
AMDP0640H1R0MT	1.0	20	100KHz/1V	6.8	8.0	22.0	14.0
AMDP0640H1R5MT	1.5	20	100KHz/1V	10.0	12.0	20.0	12.0
AMDP0640H2R2MT	2.2	20	100KHz/1V	11.5	14.0	14.0	9.0
AMDP0640H4R7MT	4.7	20	100KHz/1V	28.0	32.5	11.0	6.0
AMDP0640H5R6MT	5.6	20	100KHz/1V	33.0	38.0	9.0	5.0
AMDP0640H6R8MT	6.8	20	100KHz/1V	44.0	50.0	8.5	4.5
AMDP0640H8R2MT	8.2	20	100KHz/1V	55.0	64.0	8.0	4.5
AMDP0640H100MT	10	20	100KHz/1V	64.0	72.0	7.0	4.0
AMDP0640H150MT	15	20	100KHz/1V	80.0	90.0	3.5	3.0
AMDP0640H220MT	22	20	100KHz/1V	120.0	145.0	3.5	2.5
AMDP0640H330MT	33	20	100KHz/1V	180.0	210.0	3.2	1.8

AMDP0650H Series

Part Number	Inductance (μH)	Tolerance (%)	Test Condition	DCR (mΩ)		Isat(A)	Irms(A)
				Typ.	Max.	Typ.	Typ.
AMDP0650HR33MT	0.33	20	100KHz/1V	2.5	3.0	32.0	25.0
AMDP0650HR47MT	0.47	20	100KHz/1V	3.5	3.9	30.0	22.0
AMDP0650HR56MT	0.56	20	100KHz/1V	3.6	4.2	27.0	20.0
AMDP0650HR68MT	0.68	20	100KHz/1V	4.0	4.5	24.0	18.0
AMDP0650HR82MT	0.82	20	100KHz/1V	4.6	4.9	22.0	16.5
AMDP0650H1R0MT	1.0	20	100KHz/1V	6.1	6.5	20.0	15.0
AMDP0650H1R5MT	1.5	20	100KHz/1V	8.6	9.0	16.5	12.0
AMDP0650H2R2MT	2.2	20	100KHz/1V	11.2	12.0	14.0	10.0
AMDP0650H3R3MT	3.3	20	100KHz/1V	19.0	20.9	12.0	8.0
AMDP0650H4R7MT	4.7	20	100KHz/1V	28.0	30.8	10.0	6.5
AMDP0650H5R6MT	5.6	20	100KHz/1V	43.5	49.0	9.0	6.0
AMDP0650H6R8MT	6.8	20	100KHz/1V	46.0	51.5	8.5	5.5
AMDP0650H8R2MT	8.2	20	100KHz/1V	56.0	63.0	8.0	5.0
AMDP0650H100MT	10	20	100KHz/1V	60.0	69.0	7.5	4.0
AMDP0650H150MT	15	20	100KHz/1V	81.0	92.0	6.0	3.5
AMDP0650H220MT	22	20	100KHz/1V	140.0	170.0	5.5	2.5
AMDP0650H330MT	33	20	100KHz/1V	173.0	200.0	3.5	2.0

AMDP1030H Series

Part Number	Inductance (μH)	Tolerance (%)	Test Condition	DCR (mΩ)		Isat(A)	Irms(A)
				Typ.	Max.	Typ.	Typ.
AMDP1030HR22MT	0.22	20	100KHz/1V	1.1	1.3	55.0	30.0
AMDP1030HR33MT	0.33	20	100KHz/1V	1.2	1.5	47.0	25.0
AMDP1030HR36MT	0.36	20	100KHz/1V	1.3	1.6	40.0	23.0
AMDP1030HR47MT	0.47	20	100KHz/1V	2.1	2.5	33.0	20.0
AMDP1030HR56MT	0.56	20	100KHz/1V	2.6	3.0	24.0	16.0
AMDP1030HR82MT	0.82	20	100KHz/1V	3.9	4.5	22.0	15.0
AMDP1030H1R0MT	1.0	20	100KHz/1V	4.6	6.0	20.0	15.0
AMDP1030H1R5MT	1.5	20	100KHz/1V	6.5	7.5	20.0	13.0
AMDP1030H2R2MT	2.2	20	100KHz/1V	8.0	9.0	16.0	12.0
AMDP1030H3R3MT	3.3	20	100KHz/1V	14.5	16.0	14.0	9.0
AMDP1030H4R7MT	4.7	20	100KHz/1V	20.5	22.5	13.0	7.0
AMDP1030H5R6MT	5.6	20	100KHz/1V	28.0	32.5	12.0	7.0
AMDP1030H6R8MT	6.8	20	100KHz/1V	30.2	35.0	9.5	6.5
AMDP1030H8R2MT	8.2	20	100KHz/1V	42.0	48.0	8.5	6.0
AMDP1030H100MT	10	20	100KHz/1V	50.0	55.0	8.0	5.0

AMDP1040H Series

Part Number	Inductance (μH)	Tolerance (%)	Test Condition	DCR (mΩ)		Isat(A)	Irms(A)
				Typ.	Max.	Typ.	Typ.
AMDP1040HR15MT	0.15	20	100KHz/1V	0.5	0.6	75.0	43.0
AMDP1040HR22MT	0.22	20	100KHz/1V	0.8	1.0	60.0	35.0
AMDP1040HR33MT	0.33	20	100KHz/1V	1.0	1.2	60.0	31.0
AMDP1040HR36MT	0.36	20	100KHz/1V	1.1	1.2	60.0	31.0
AMDP1040HR47MT	0.47	20	100KHz/1V	1.3	1.5	43.0	28.0
AMDP1040HR56MT	0.56	20	100KHz/1V	1.6	1.8	40.0	25.0
AMDP1040HR68MT	0.68	20	100KHz/1V	2.4	2.7	39.0	22.0
AMDP1040H1R0MT	1.0	20	100KHz/1V	3.0	3.3	36.0	18.0
AMDP1040H1R5MT	1.5	20	100KHz/1V	4.0	4.6	33.0	16.0
AMDP1040H2R2MT	2.2	20	100KHz/1V	6.5	7.0	27.0	12.0
AMDP1040H3R3MT	3.3	20	100KHz/1V	10.8	11.8	20.0	11.0
AMDP1040H4R7MT	4.7	20	100KHz/1V	15.0	15.5	17.0	10.0
AMDP1040H5R6MT	5.6	20	100KHz/1V	17.0	19.3	14.0	9.0
AMDP1040H6R8MT	6.8	20	100KHz/1V	17.5	23.3	13.5	8.5
AMDP1040H8R2MT	8.2	20	100KHz/1V	20.0	22.5	12.5	8.0
AMDP1040H100MT	10	20	100KHz/1V	27.0	30.0	12.0	7.5
AMDP1040H150MT	15	20	100KHz/1V	40.0	45.0	10.0	6.25
AMDP1040H220MT	22	20	100KHz/1V	64.0	74.0	7.0	5.0
AMDP1040H330MT	33	20	100KHz/1V	92.0	112.0	5.0	3.5
AMDP1040H470MT	47	20	100KHz/1V	145.0	167.0	4.5	3.0

AMDP1050H Series

Part Number	Inductance (μH)	Tolerance (%)	Test Condition	DCR (mΩ)		Isat(A)	Irms(A)
				Typ.	Max.	Typ.	Typ.
AMDP1050HR22MT	0.22	20	100KHz/1V	0.45	0.5	70.0	45.0
AMDP1050HR56MT	0.56	20	100KHz/1V	1.3	1.5	43.0	26.5
AMDP1050H1R0MT	1.0	20	100KHz/1V	2.8	3.5	30.0	22.0
AMDP1050H1R5MT	1.5	20	100KHz/1V	3.5	4.1	27.0	19.0
AMDP1050H2R2MT	2.2	20	100KHz/1V	5.4	6.0	24.0	16.0
AMDP1050H3R3MT	3.3	20	100KHz/1V	9.0	10.4	22.0	14.0
AMDP1050H4R7MT	4.7	20	100KHz/1V	10.0	12.5	19.0	13.0
AMDP1050H5R6MT	5.6	20	100KHz/1V	14.0	16.8	16.0	10.0
AMDP1050H6R8MT	6.8	20	100KHz/1V	16.5	21.0	15.0	9.5
AMDP1050H8R2MT	8.2	20	100KHz/1V	18.5	24.0	14.5	9.0
AMDP1050H100MT	10	20	100KHz/1V	25.0	29.0	13.5	8.0
AMDP1050H150MT	15	20	100KHz/1V	37.0	45.0	9.5	5.5
AMDP1050H220MT	22	20	100KHz/1V	50.0	60.0	9.0	5.0
AMDP1050H330MT	33	20	100KHz/1V	80.0	92.0	7.5	4.3
AMDP1050H470MT	47	20	100KHz/1V	125.0	145.0	6.5	3.8

AMDP1350H Series

Part Number	Inductance (μH)	Tolerance (%)	Test Condition	DCR (mΩ)		Isat(A)	Irms(A)
				Typ.	Max.	Typ.	Typ.
AMDP1350HR20MT	0.20	20	100KHz/1V	0.45	0.55	110.0	52.0
AMDP1350HR22MT	0.22	20	100KHz/1V	0.50	0.70	110.0	52.0
AMDP1350HR33MT	0.33	20	100KHz/1V	0.70	0.90	80.0	42.0
AMDP1350HR36MT	0.36	20	100KHz/1V	0.75	0.95	75.0	42.0
AMDP1350HR47MT	0.47	20	100KHz/1V	0.86	1.10	65.0	38.0
AMDP1350HR56MT	0.56	20	100KHz/1V	1.00	1.50	55.0	36.0
AMDP1350HR68MT	0.68	20	100KHz/1V	1.40	1.70	54.0	34.0
AMDP1350HR82MT	0.82	20	100KHz/1V	1.70	2.10	52.0	31.0
AMDP1350H1R0MT	1.0	20	100KHz/1V	1.85	2.50	50.0	29.0
AMDP1350H1R5MT	1.5	20	100KHz/1V	2.80	3.30	48.0	27.0
AMDP1350H2R2MT	2.2	20	100KHz/1V	4.20	5.50	32.0	20.0
AMDP1350H3R3MT	3.3	20	100KHz/1V	6.80	9.20	32.0	15.0
AMDP1350H4R7MT	4.7	20	100KHz/1V	11.40	15.00	27.0	12.0
AMDP1350H5R6MT	5.6	20	100KHz/1V	12.30	16.50	22.0	11.5
AMDP1350H6R8MT	6.8	20	100KHz/1V	14.50	18.50	21.0	11.0
AMDP1350H8R2MT	8.2	20	100KHz/1V	16.80	22.50	18.0	9.5
AMDP1350H100MT	10	20	100KHz/1V	21.40	25.50	16.0	9.0
AMDP1350H150MT	15	20	100KHz/1V	32.00	38.00	13.0	8.2
AMDP1350H220MT	22	20	100KHz/1V	50.00	58.00	10.0	6.5
AMDP1350H330MT	33	20	100KHz/1V	73.00	88.00	8.0	5.0
AMDP1350H470MT	47	20	100KHz/1V	100.00	120.00	6.5	4.0

AMDP1360H Series

Part Number	Inductance (μH)	Tolerance (%)	Test Condition	DCR (mΩ)		Isat(A)	Irms(A)
				Typ.	Max.	Typ.	Typ.
AMDP1360HR22MT	0.22	20	100KHz/1V	0.48	0.65	120.0	55.0
AMDP1360HR36MT	0.36	20	100KHz/1V	0.72	0.90	80.0	42.0
AMDP1360HR47MT	0.47	20	100KHz/1V	0.92	1.30	64.0	38.0
AMDP1360HR56MT	0.56	20	100KHz/1V	1.15	1.50	60.0	35.0
AMDP1360HR68MT	0.68	20	100KHz/1V	1.33	1.70	57.0	33.0
AMDP1360HR82MT	0.82	20	100KHz/1V	1.50	1.90	55.0	31.0
AMDP1360H1R0MT	1.0	20	100KHz/1V	1.80	2.40	53.0	29.0
AMDP1360H1R5MT	1.5	20	100KHz/1V	2.70	3.20	50.0	26.0
AMDP1360H2R2MT	2.2	20	100KHz/1V	4.00	4.70	43.0	21.0
AMDP1360H3R3MT	3.3	20	100KHz/1V	5.80	7.10	35.0	17.0
AMDP1360H4R7MT	4.7	20	100KHz/1V	9.50	11.50	30.0	16.0
AMDP1360H5R6MT	5.6	20	100KHz/1V	10.80	12.60	28.0	15.5
AMDP1360H6R8MT	6.8	20	100KHz/1V	12.00	13.80	25.0	15.0
AMDP1360H8R2MT	8.2	20	100KHz/1V	13.60	16.00	23.0	11.0
AMDP1360H100MT	10	20	100KHz/1V	18.00	20.70	21.0	11.0
AMDP1360H150MT	15	20	100KHz/1V	25.00	29.00	16.0	9.0
AMDP1360H180MT	18	20	100KHz/1V	30.00	35.00	15.0	8.5
AMDP1360H220MT	22	20	100KHz/1V	34.00	39.50	14.0	8.0
AMDP1360H330MT	33	20	100KHz/1V	65.00	75.00	12.0	6.0
AMDP1360H470MT	47	20	100KHz/1V	80.00	90.00	11.0	5.5
AMDP1360H680MT	68	20	100KHz/1V	120.00	140.00	9.0	5.0

AMDP1365H Series

Part Number	Inductance (μH)	Tolerance (%)	Test Condition	DCR (mΩ)		Isat(A)	Irms(A)
				Typ.	Max.	Typ.	Typ.
AMDP1365HR22MT	0.22	20	100KHz/1V	0.47	0.60	112.0	53.0
AMDP1365HR33MT	0.33	20	100KHz/1V	0.65	0.80	68.0	46.0
AMDP1365HR36MT	0.36	20	100KHz/1V	0.70	0.90	66.0	45.0
AMDP1365HR47MT	0.47	20	100KHz/1V	0.90	1.20	63.0	41.0
AMDP1365HR56MT	0.56	20	100KHz/1V	1.05	1.20	58.0	37.0
AMDP1365HR68MT	0.68	20	100KHz/1V	1.25	1.50	55.0	35.0
AMDP1365HR82MT	0.82	20	100KHz/1V	1.50	1.90	50.0	33.0
AMDP1365H1R0MT	1.0	20	100KHz/1V	1.70	2.30	48.0	30.0
AMDP1365H1R5MT	1.5	20	100KHz/1V	2.50	3.00	45.0	27.0
AMDP1365H2R2MT	2.2	20	100KHz/1V	3.80	4.20	37.0	22.0
AMDP1365H3R3MT	3.3	20	100KHz/1V	5.70	6.80	30.0	18.0
AMDP1365H4R7MT	4.7	20	100KHz/1V	7.00	8.40	28.0	13.5
AMDP1365H5R6MT	5.6	20	100KHz/1V	8.50	10.00	23.0	12.5
AMDP1365H6R8MT	6.8	20	100KHz/1V	9.50	11.50	18.0	11.5
AMDP1365H8R2MT	8.2	20	100KHz/1V	12.00	15.50	16.0	10.5
AMDP1365H100MT	10	20	100KHz/1V	13.20	16.50	15.5	10.0
AMDP1365H150MT	15	20	100KHz/1V	23.20	28.00	13.0	9.0
AMDP1365H220MT	22	20	100KHz/1V	32.50	37.00	12.0	9.0
AMDP1365H330MT	33	20	100KHz/1V	48.00	58.00	11.0	8.0
AMDP1365H470MT	47	20	100KHz/1V	76.00	90.00	9.5	6.5
AMDP1365H680MT	68	20	100KHz/1V	110.00	130.00	7.8	4.8
AMDP1365H101MT	100	20	100KHz/1V	145.00	165.00	5.5	4.2

AMDP1770H Series

Part Number	Inductance (μH)	Tolerance (%)	Test Condition	DCR (mΩ)		Isat(A)	Irms(A)
				Typ.	Max.	Typ.	Typ.
AMDP1770HR45MT	0.45	20	100KHz/1V	0.80	0.96	125.0	62.0
AMDP1770HR47MT	0.47	20	100KHz/1V	0.95	1.03	123.0	62.0
AMDP1770H1R0MT	1.0	20	100KHz/1V	1.60	2.00	70.0	52.0
AMDP1770H1R5MT	1.5	20	100KHz/1V	2.00	2.50	65.0	47.0
AMDP1770H2R2MT	2.2	20	100KHz/1V	2.40	2.70	62.0	43.5
AMDP1770H3R3MT	3.3	20	100KHz/1V	3.50	3.90	54.0	28.0
AMDP1770H4R7MT	4.7	20	100KHz/1V	4.80	5.50	50.0	25.0
AMDP1770H5R6MT	5.6	20	100KHz/1V	5.80	7.05	45.0	21.0
AMDP1770H6R8MT	6.8	20	100KHz/1V	8.40	9.20	39.0	19.0
AMDP1770H8R2MT	8.2	20	100KHz/1V	9.60	10.80	31.0	18.0
AMDP1770H100MT	10	20	100KHz/1V	11.80	13.00	29.0	16.5
AMDP1770H150MT	15	20	100KHz/1V	17.80	20.50	27.0	12.5
AMDP1770H220MT	22	20	100KHz/1V	25.10	26.50	23.0	12.0
AMDP1770H330MT	33	20	100KHz/1V	38.00	44.00	20.0	10.7
AMDP1770H470MT	47	20	100KHz/1V	48.00	55.00	16.0	8.7
AMDP1770H560MT	56	20	100KHz/1V	54.00	62.00	15.0	7.8
AMDP1770H680MT	68	20	100KHz/1V	68.00	80.00	13.0	7.0
AMDP1770H820MT	82	20	100KHz/1V	87.00	100.00	12.0	5.7
AMDP1770H101MT	100	20	100KHz/1V	102.00	118.00	12.0	5.3

Note：

Rated current: Isat or Irms, whichever is smaller.

Isat: DC current at which the inductance drops approximate 30% from its value without current.

Irms: DC current that causes the temperature rise(ΔT=40℃) from 25℃ ambient.

Absolute maximum voltage: DC 30V.