

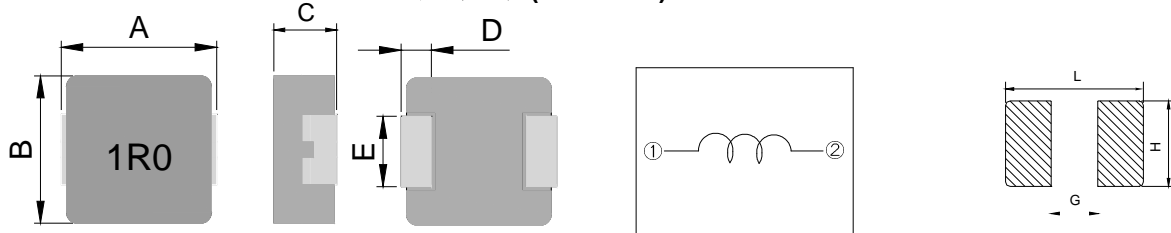
● FEATURES 特性

- 1.磁屏蔽结构,闭合磁路,抗电磁干扰强,超低蜂鸣声,可高密度安装.
- 2.小体积,大电流,范围可到60A,在高频和高温环境下保持优良的温升电流及饱和电流特性.
- 3.低损耗合金粉末压铸,低电阻.结构牢固,产品精准度高.
- 4.工作频率范围广,可达5MHz以上.
- 5.RoHS , 无卤环保产品.

● APPLICATIONS 用途

- 1.PAD/Notebook/Desktop/Server applications PAD,笔记本电脑,台式机,服务器,
- 2.DC/DC converter DC/DC转换器

● SHAPES AND DIMENSIONS 外形尺寸 (Unit:mm)



TYPE(型号)	A	B	C	D	E	Fig
PDA201610	2.0±0.2	1.6±0.2	1.0 Max	/	/	1
PDA252010	2.5±0.2	2.0±0.2	1.0 Max	/	/	1
PDA252012	2.5±0.2	2.0±0.2	1.2 Max	/	/	1
PDA0302	3.5±0.2	3.2±0.2	2.0 Max	0.7±0.2	1.2±0.2	2
PDA0420	4.6±0.25	4.1±0.35	2.0 Max	0.76±0.3	1.5±0.3	2
PDA0520	5.7±0.25	5.1±0.35	2.0 Max	1.3±0.3	2.3±0.3	2
PDA0530	5.7±0.25	5.1±0.35	3.0 Max	1.3±0.3	2.3±0.3	2
PDA0730	7.4 Max	6.6±0.2	3.0 Max	1.6±0.3	3.0±0.2	2
PDA0750	7.5 Max	6.6±0.2	5.0 Max	1.6±0.3	3.0±0.2	2
PDA1030	11.6 Max.	10.1±0.3	3.0 Max	2.5±0.5	3.0±0.5	2
PDA1040	11.6 Max.	10.1±0.3	4.0 Max	2.5±0.5	3.0±0.5	2
PDA1250	13.8 Max.	12.6±0.3	5.0 Max	2.7±0.7	3.5±0.5	2

● SPECIFICATION TABLE:

PART NUMBER	INDUCTANCE (μH)	DCR (mΩ) @25°C		Heat Rating Current DC Amps. I <sub>dc</sub> (A)	Saturation Current DC Amps. I <sub>sat</sub> (A)
		Typical	Maximum	Typical	Typical
PDA201610-0.24uH/M	0.24±20%	20.0	26.0	4.00	5.60
PDA201610-0.33uH/M	0.33±20%	25.0	30.0	3.50	4.50
PDA201610-0.47uH/M	0.47±20%	31.0	37.0	3.30	4.10
PDA201610-0.68uH/M	0.68±20%	42.0	50.0	2.70	3.20
PDA201610-1uH/M	1±20%	58.0	70.0	2.30	2.60
PDA201610-1.5uH/M	1.5±20%	90.0	105.0	1.80	2.10
PDA201610-2.2uH/M	2.2±20%	155.0	186.0	1.50	1.50
PDA201610-3.3uH/M	3.3±20%	230.0	276.0	1.20	1.15
PDA201610-4.7uH/M	4.7±20%	330.0	396.0	0.95	1.00

● SPECIFICATION TABLE:

PART NUMBER	INDUCTANCE (μH)	DCR (mΩ) @25°C		Heat Rating Current DC Amps. I <sub>dc</sub> (A)	Saturation Current DC Amps. I <sub>sat</sub> (A)
		Typical	Maximum	Typical	Typical
PDA252010-0.24uH/M	0.24±20%	18.0	21.0	4.90	7.50
PDA252010-0.33uH/M	0.33±20%	23.0	28.0	4.00	5.50
PDA252010-0.47uH/M	0.47±20%	26.0	32.0	3.70	5.00
PDA252010-0.68uH/M	0.68±20%	35.0	43.0	3.40	4.30
PDA252010-1uH/M	1±20%	51.0	64.0	3.00	3.60
PDA252010-1.5uH/M	1.5±20%	76.0	91.0	2.30	2.80
PDA252010-2.2uH/M	2.2±20%	104.0	124.0	1.80	2.40

Remark: ● All test data is reference to 25°C ambient.

- Test Condition: 1MHz, 1V<sub>rms</sub>
- I<sub>dc</sub>: DC current (A) that will cause an approximate ΔT of 40°C
- I<sub>sat</sub>: DC current (A) that will cause L0 to drop approximately 30% Typ.
- Operat between temperature range -40°C to +125°C

● SPECIFICATION TABLE:

PART NUMBER	INDUCTANCE (μH)	DCR (mΩ) @25°C		Heat Rating Current DC Amps. I <sub>dc</sub> (A)	Saturation Current DC Amps. I <sub>sat</sub> (A)
		Typical	Maximum	Typical	Typical
PDA252012-0.24uH/M	0.24±20%	16.0	21.0	5.00	7.50
PDA252012-0.33uH/M	0.33±20%	20.0	24.0	4.40	6.60
PDA252012-0.47uH/M	0.47±20%	24.0	29.0	4.10	5.50
PDA252012-0.68uH/M	0.68±20%	27.0	36.0	3.50	5.10
PDA252012-1uH/M	1±20%	38.0	46.0	3.10	4.10
PDA252012-1.5uH/M	1.5±20%	56.0	67.0	2.60	3.00
PDA252012-2.2uH/M	2.2±20%	76.0	91.0	2.20	2.80

● SPECIFICATION TABLE:

PART NUMBER	INDUCTANCE (μH)	DCR (mΩ) @25°C		Heat Rating Current DC Amps. I <sub>dc</sub> (A)	Saturation Current DC Amps. I <sub>sat</sub> (A)
		Typical	Maximum	Typical	Typical
PDA0302-0.47uH/M	0.47±20%	18.0	23.0	7.00	9.00
PDA0302-0.68uH/M	0.68±20%	23.0	29.0	5.50	7.00
PDA0302-1uH/M	1±20%	31.0	38.0	4.00	5.00
PDA0302-2.2uH/M	2.2±20%	66.0	75.0	3.50	3.70
PDA0302-3.3uH/M	3.3±20%	132.0	145.0	3.00	3.50
PDA0302-4.7uH/M	4.7±20%	185.0	200.0	2.60	3.00
PDA0302-6.8uH/M	6.8±20%	270.0	300.0	1.90	2.20
PDA0302-10uH/M	10.0±20%	380.0	422.0	1.40	1.60

Remark: ● All test data is reference to 25°C ambient.

- Test Condition: 1MHz, 1V<sub>rms</sub>
- I<sub>dc</sub>: DC current (A) that will cause an approximate ΔT of 40°C
- I<sub>sat</sub>: DC current (A) that will cause L0 to drop approximately 30% Typ.
- Operat between temperature range -40°C to +125°C

● SPECIFICATION TABLE:

PART NUMBER	INDUCTANCE ( $\mu$ H)	DCR ( $m\Omega$ ) @25 $^{\circ}$ C		Heat Rating Current DC Amps. I <sub>dc</sub> (A)	Saturation Current DC Amps. I <sub>sat</sub> (A)
		Typical	Maximum	Typical	Typical
PDA0420-0.1 $\mu$ H/M	0.1 $\pm$ 20%	3.50	4.00	12.00	25.00
PDA0420-0.22 $\mu$ H/M	0.22 $\pm$ 20%	6.00	6.60	9.00	12.50
PDA0420-0.33 $\mu$ H/M	0.33 $\pm$ 20%	8.70	12.50	8.00	11.00
PDA0420-0.47 $\mu$ H/M	0.47 $\pm$ 20%	12.50	14.00	7.00	10.00
PDA0420-0.56 $\mu$ H/M	0.56 $\pm$ 20%	14.00	16.00	6.50	8.00
PDA0420-0.68 $\mu$ H/M	0.68 $\pm$ 20%	16.00	18.00	5.20	8.00
PDA0420-1 $\mu$ H/M	1 $\pm$ 20%	24.00	27.00	4.50	7.00
PDA0420-1.5 $\mu$ H/M	1.5 $\pm$ 20%	38.00	46.00	4.00	6.00
PDA0420-2.2 $\mu$ H/M	2.2 $\pm$ 20%	52.00	58.00	3.00	5.00
PDA0420-3.3 $\mu$ H/M	3.3 $\pm$ 20%	74.00	87.00	2.50	4.00
PDA0420-4.7 $\mu$ H/M	4.7 $\pm$ 20%	100.00	126.00	2.20	3.00
PDA0420-6.8 $\mu$ H/M	6.8 $\pm$ 20%	162.00	178.00	2.00	2.50
PDA0420-8.2 $\mu$ H/M	8.2 $\pm$ 20%	188.00	216.00	1.80	2.20
PDA0420-10 $\mu$ H/M	10 $\pm$ 20%	256.00	294.00	1.20	2.00

**Remark:** ● All test data is reference to 25 $^{\circ}$ C ambient.

- Test Condition: 100kHz, 1Vrms
- I<sub>dc</sub>: DC current (A) that will cause an approximate  $\Delta$ T of 40 $^{\circ}$ C
- I<sub>sat</sub> : DC current (A) that will cause L0 to drop approximately 30% Typ.
- Operat between temperature range -40 $^{\circ}$ C to +125 $^{\circ}$ C

● SPECIFICATION TABLE:

PART NUMBER	INDUCTANCE (μH)	DCR (mΩ) @25°C		Heat Rating Current DC Amps. I <sub>dc</sub> (A)	Saturation Current DC Amps. I <sub>sat</sub> (A)
		Typical	Maximum	Typical	Typical
PDA0520-0.47uH/M	0.47±20%	7.20	10.00	7.50	12.00
PDA0520-0.68uH/M	0.68±20%	10.00	18.00	6.50	10.00
PDA0520-1uH/M	1±20%	14.00	20.00	6.00	9.00
PDA0520-1.5uH/M	1.5±20%	26.00	35.00	5.50	6.50
PDA0520-2.2uH/M	2.2±20%	32.00	45.00	4.00	6.00
PDA0520-3.3uH/M	3.3±20%	68.00	80.00	3.50	5.00
PDA0520-4.7uH/M	4.7±20%	82.00	95.00	3.00	4.00
PDA0520-5.6uH/M	5.6±20%	90.00	108.00	2.90	3.80
PDA0520-6.8uH/M	6.8±20%	108.00	130.00	2.80	3.50
PDA0520-10uH/M	10±20%	152.00	180.00	2.30	2.80

Remark: ● All test data is reference to 25°C ambient.

- Test Condition: 100kHz, 1Vrms
- I<sub>dc</sub>: DC current (A) that will cause an approximate ΔT of 40°C
- I<sub>sat</sub>: DC current (A) that will cause L0 to drop approximately 30% Typ.
- Operat between temperature range -40°C to +125°C

● SPECIFICATION TABLE:

PART NUMBER	INDUCTANCE (μH)	DCR (mΩ) @25°C		Heat Rating Current DC Amps. I <sub>dc</sub> (A)	Saturation Current DC Amps. I <sub>sat</sub> (A)
		Typical	Maximum	Typical	Typical
PDA0530-0.33uH/M	0.33±20%	5.00	7.00	14.00	18.00
PDA0530-0.47uH/M	0.47±20%	6.50	7.50	10.00	12.00
PDA0530-0.68uH/M	0.68±20%	11.00	12.00	8.00	12.00
PDA0530-1uH/M	1±20%	13.00	15.00	7.00	9.00
PDA0530-1.2uH/M	1.2±20%	14.00	15.00	6.50	8.80
PDA0530-1.5uH/M	1.5±20%	17.00	25.00	6.00	8.50
PDA0530-2.2uH/M	2.2±20%	27.00	35.00	5.50	8.00
PDA0530-3.3uH/M	3.3±20%	35.00	46.00	4.50	6.00
PDA0530-4.7uH/M	4.7±20%	50.00	60.00	4.00	5.00
PDA0530-6.8uH/M	6.8±20%	69.00	86.00	3.50	4.50
PDA0530-8.2uH/M	8.2±20%	80.00	105.00	3.25	4.00
PDA0530-10uH/M	10±20%	115.00	126.00	2.50	3.50
PDA0530-15uH/M	15±20%	174.00	190.00	1.80	2.20
PDA0530-22uH/M	22±20%	230.00	260.00	1.30	1.90

**Remark:** ● All test data is reference to 25°C ambient.

- Test Condition: 100kHz, 1Vrms
- I<sub>dc</sub>: DC current (A) that will cause an approximate ΔT of 40°C
- I<sub>sat</sub>: DC current (A) that will cause L0 to drop approximately 30% Typ.
- Operat between temperature range -40°C to +125°C

● SPECIFICATION TABLE:

PART NUMBER	INDUCTANCE ( $\mu$ H)	DCR ( $m\Omega$ ) @25 $^{\circ}$ C		Heat Rating Current DC Amps. I <sub>dc</sub> (A)	Saturation Current DC Amps. I <sub>sat</sub> (A)
		Typical	Maximum	Typical	Typical
PDA0730-0.1 $\mu$ H/M	0.1 $\pm$ 20%	1.50	1.70	32.50	60.00
PDA0730-0.15 $\mu$ H/M	0.15 $\pm$ 20%	1.90	2.50	30.00	50.00
PDA0730-0.22 $\mu$ H/M	0.22 $\pm$ 20%	2.50	3.00	23.00	34.00
PDA0730-0.33 $\mu$ H/M	0.33 $\pm$ 20%	3.00	3.50	21.00	25.00
PDA0730-0.47 $\mu$ H/M	0.47 $\pm$ 20%	3.50	4.10	18.00	20.00
PDA0730-0.56 $\mu$ H/M	0.56 $\pm$ 20%	4.25	4.50	16.50	18.00
PDA0730-0.68 $\mu$ H/M	0.68 $\pm$ 20%	5.30	5.90	16.00	17.00
PDA0730-0.82 $\mu$ H/M	0.82 $\pm$ 20%	6.00	7.00	12.00	16.00
PDA0730-1 $\mu$ H/M	1 $\pm$ 20%	7.00	7.50	9.00	15.00
PDA0730-1.2 $\mu$ H/M	1.2 $\pm$ 20%	8.00	10.00	8.50	14.00
PDA0730-1.5 $\mu$ H/M	1.5 $\pm$ 20%	10.60	12.10	8.00	12.50
PDA0730-1.8 $\mu$ H/M	1.8 $\pm$ 20%	14.00	16.00	8.00	11.00
PDA0730-2.2 $\mu$ H/M	2.2 $\pm$ 20%	15.50	17.50	8.00	10.00
PDA0730-3.3 $\mu$ H/M	3.3 $\pm$ 20%	23.00	26.00	6.00	9.50
PDA0730-4.7 $\mu$ H/M	4.7 $\pm$ 20%	34.50	38.00	5.00	6.50
PDA0730-6.8 $\mu$ H/M	6.8 $\pm$ 20%	47.00	50.00	4.50	6.00
PDA0730-8.2 $\mu$ H/M	8.2 $\pm$ 20%	58.50	65.00	4.00	6.00
PDA0730-10 $\mu$ H/M	10 $\pm$ 20%	64.00	68.00	4.00	5.00
PDA0730-15 $\mu$ H/M	15 $\pm$ 20%	106.00	115.00	2.60	3.80
PDA0730-22 $\mu$ H/M	22 $\pm$ 20%	165.00	189.00	2.30	3.10
PDA0730-33 $\mu$ H/M	33 $\pm$ 20%	250.00	270.00	2.00	2.50
PDA0730-47 $\mu$ H/M	47 $\pm$ 20%	300.00	350.00	1.70	2.00

**Remark:** ● All test data is reference to 25 $^{\circ}$ C ambient.

- Test Condition: 100kHz, 1Vrms
- I<sub>dc</sub>: DC current (A) that will cause an approximate  $\Delta$ T of 40 $^{\circ}$ C
- I<sub>sat</sub> : DC current (A) that will cause L0 to drop approximately 30% Typ.
- Operat between temperature range -40 $^{\circ}$ C to +125 $^{\circ}$ C

● SPECIFICATION TABLE:

PART NUMBER	INDUCTANCE ( $\mu$ H)	DCR ( $m\Omega$ ) @25 $^{\circ}$ C		Heat Rating Current DC Amps. I <sub>dc</sub> (A)	Saturation Current DC Amps. I <sub>sat</sub> (A)
		Typical	Maximum	Typical	Typical
PDA0750-1 $\mu$ H/M	1 $\pm$ 20%	5.60	6.50	12.00	13.00
PDA0750-1.5 $\mu$ H/M	1.5 $\pm$ 20%	7.10	8.50	10.00	12.00
PDA0750-2.2 $\mu$ H/M	2.2 $\pm$ 20%	11.60	13.50	7.00	10.00
PDA0750-3.3 $\mu$ H/M	3.3 $\pm$ 20%	19.60	22.00	6.50	9.00
PDA0750-4.7 $\mu$ H/M	4.7 $\pm$ 20%	27.00	30.00	5.70	8.00
PDA0750-6.8 $\mu$ H/M	6.8 $\pm$ 20%	38.00	44.00	5.00	7.00
PDA0750-10 $\mu$ H/M	10 $\pm$ 20%	46.00	55.00	4.20	6.00
PDA0750-15 $\mu$ H/M	15 $\pm$ 20%	72.00	85.00	3.50	4.00
PDA0750-22 $\mu$ H/M	22 $\pm$ 20%	115.00	130.00	2.80	3.20
PDA0750-33 $\mu$ H/M	33 $\pm$ 20%	158.00	180.00	2.40	3.00
PDA0750-47 $\mu$ H/M	47 $\pm$ 20%	260.00	290.00	2.00	2.50
PDA0750-68 $\mu$ H/M	68 $\pm$ 20%	425.00	468.00	1.20	2.00

**Remark:** ● All test data is reference to 25 $^{\circ}$ C ambient.

- Test Condition: 100kHz, 1Vrms
- I<sub>dc</sub>: DC current (A) that will cause an approximate  $\Delta$ T of 40 $^{\circ}$ C
- I<sub>sat</sub> : DC current (A) that will cause L0 to drop approximately 30% Typ.
- Operat between temperature range -40 $^{\circ}$ C to +125 $^{\circ}$ C



● SPECIFICATION TABLE:

PART NUMBER	INDUCTANCE (μH)	DCR (mΩ) @25°C		Heat Rating Current DC Amps. I <sub>dc</sub> (A)	Saturation Current DC Amps. I <sub>sat</sub> (A)
		Typical	Maximum	Typical	Typical
PDA1040-0.22uH/M-NCK	0.22±20%	0.90	1.10	35.00	45.00
PDA1040-0.36uH/M-NCK	0.36±20%	1.05	1.20	34.00	42.00
PDA1040-0.47uH/M-NCK	0.47±20%	1.53	1.68	28.00	38.00
PDA1040-0.56uH/M-NCK	0.56±20%	1.60	1.80	27.00	32.00
PDA1040-0.68uH/M-NCK	0.68±20%	2.10	2.40	23.00	30.00
PDA1040-1uH/M-NCK	1±20%	3.00	3.30	20.00	26.00
PDA1040-1.5uH/M-NCK	1.5±20%	3.80	4.20	16.00	22.00
PDA1040-2.2uH/M-NCK	2.2±20%	6.00	7.00	14.00	16.00
PDA1040-3.3uH/M-NCK	3.3±20%	10.80	11.80	11.00	13.00
PDA1040-4.7uH/M-NCK	4.7±20%	14.00	16.50	8.50	12.00
PDA1040-6.8uH/M-NCK	6.8±20%	22.50	25.00	8.00	10.00
PDA1040-8.2uH/M-NCK	8.2±20%	25.00	27.00	7.50	9.00
PDA1040-10uH/M-NCK	10±20%	27.00	30.00	6.50	7.00
PDA1040-15uH/M-NCK	15±20%	40.00	45.00	6.25	6.00
PDA1040-22uH/M-NCK	22±20%	60.00	66.00	5.00	5.50
PDA1040-33uH/M-NCK	33±20%	85.00	92.00	4.00	4.50
PDA1040-47uH/M-NCK	47±20%	129.00	150.00	3.00	4.00

Remark: ● All test data is reference to 25°C ambient.

- Test Condition: 100kHz, 1Vrms
- I<sub>dc</sub>: DC current (A) that will cause an approximate ΔT of 40°C
- I<sub>sat</sub> : DC current (A) that will cause L0 to drop approximately 30% Typ.
- Operat between temperature range -40°C to +125°C

● SPECIFICATION TABLE:

PART NUMBER	INDUCTANCE (μH)	DCR (mΩ) @25°C		Heat Rating Current DC Amps. I <sub>dc</sub> (A)	Saturation Current DC Amps. I <sub>sat</sub> (A)
		Typical	Maximum	Typical	Typical
PDA1050-1uH/M	1±20%	2.30	3.00	19.00	28.00
PDA1050-1.5uH/M	1.5±20%	3.20	4.00	16.00	25.00
PDA1050-2.2uH/M	2.2±20%	5.50	6.60	13.00	19.00
PDA1050-3.3uH/M	3.3±20%	9.20	11.00	11.00	18.00
PDA1050-4.7uH/M	4.7±20%	12.00	15.00	9.00	15.00
PDA1050-5.6uH/M	5.6±20%	14.00	18.00	8.50	14.00
PDA1050-6.8uH/M	6.8±20%	16.00	19.20	8.00	13.00
PDA1050-10uH/M	10±20%	23.00	28.00	7.00	10.00
PDA1050-15uH/M	15±20%	35.00	42.00	6.50	7.00
PDA1050-22uH/M	22±20%	58.00	70.00	5.50	6.00
PDA1050-33uH/M	33±20%	70.00	84.00	4.50	5.00
PDA1050-47uH/M	47±20%	130.00	150.00	3.00	4.50

**Remark:** ● All test data is reference to 25°C ambient.

- Test Condition: 100kHz, 1Vrms
- I<sub>dc</sub>: DC current (A) that will cause an approximate ΔT of 40°C
- I<sub>sat</sub>: DC current (A) that will cause L0 to drop approximately 30% Typ.
- Operat between temperature range -40°C to +125°C

● SPECIFICATION TABLE:

PART NUMBER	INDUCTANCE ( $\mu$ H)	DCR ( $m\Omega$ ) @25 $^{\circ}$ C		Heat Rating Current DC Amps. I <sub>dc</sub> (A)	Saturation Current DC Amps. I <sub>sat</sub> (A)
		Typical	Maximum	Typical	Typical
PDA1250-0.36 $\mu$ H/M	0.36 $\pm$ 20%	0.77	1.10	41.00	60.00
PDA1250-0.47 $\mu$ H/M	0.47 $\pm$ 20%	1.00	1.30	37.00	46.00
PDA1250-1 $\mu$ H/M	1 $\pm$ 20%	1.90	2.50	29.00	37.00
PDA1250-1.5 $\mu$ H/M	1.5 $\pm$ 20%	3.40	4.10	23.00	30.00
PDA1250-2.2 $\mu$ H/M	2.2 $\pm$ 20%	4.00	5.00	15.00	25.00
PDA1250-3.3 $\mu$ H/M	3.3 $\pm$ 20%	7.50	9.00	12.00	20.00
PDA1250-4.7 $\mu$ H/M	4.7 $\pm$ 20%	9.00	11.50	11.00	16.00
PDA1250-5.6 $\mu$ H/M	5.6 $\pm$ 20%	13.00	15.00	10.50	15.00
PDA1250-6.8 $\mu$ H/M	6.8 $\pm$ 20%	18.00	22.00	9.00	14.00
PDA1250-8.2 $\mu$ H/M	8.2 $\pm$ 20%	19.00	24.00	8.50	13.00
PDA1250-10 $\mu$ H/M	10 $\pm$ 20%	24.00	29.00	7.50	11.00
PDA1250-15 $\mu$ H/M	15 $\pm$ 20%	27.00	32.00	6.00	9.00
PDA1250-22 $\mu$ H/M	22 $\pm$ 20%	42.00	50.00	5.00	7.00
PDA1250-33 $\mu$ H/M	33 $\pm$ 20%	60.00	84.00	3.50	6.00
PDA1250-47 $\mu$ H/M	47 $\pm$ 20%	100.00	130.00	3.00	5.00

**Remark:** ● All test data is reference to 25 $^{\circ}$ C ambient.

- Test Condition: 100kHz, 1Vrms
- I<sub>dc</sub>: DC current (A) that will cause an approximate  $\Delta$ T of 40 $^{\circ}$ C
- I<sub>sat</sub> : DC current (A) that will cause L0 to drop approximately 30% Typ.
- Operat between temperature range -40 $^{\circ}$ C to +125 $^{\circ}$ C

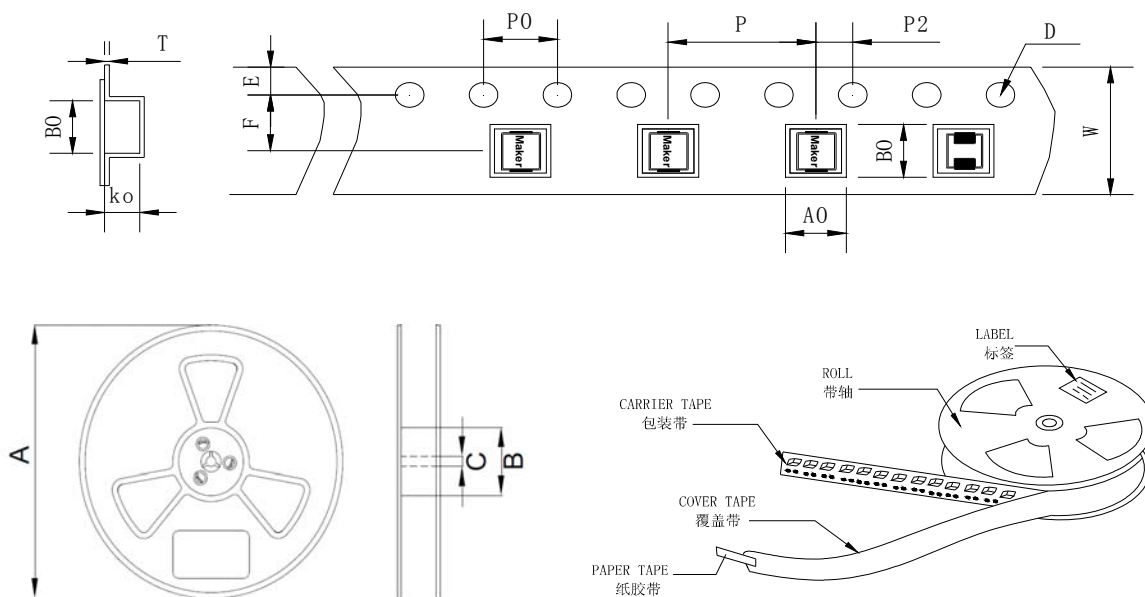
● SPECIFICATION TABLE:

PART NUMBER	INDUCTANCE ( $\mu$ H)	DCR ( $m\Omega$ ) @25 $^{\circ}$ C		Heat Rating Current DC Amps. I <sub>dc</sub> (A)	Saturation Current DC Amps. I <sub>sat</sub> (A)
		Typical	Maximum	Typical	Typical
PDA1260-2.2uH/M	2.2 $\pm$ 20%	4.20	6.00	18.00	26.00
PDA1260-3.3uH/M	3.3 $\pm$ 20%	5.60	9.00	12.00	23.00
PDA1260-4.7uH/M	4.7 $\pm$ 20%	7.20	10.50	11.50	18.00
PDA1260-6.8uH/M	6.8 $\pm$ 20%	10.00	13.80	11.50	15.00
PDA1260-8.2uH/M	8.2 $\pm$ 20%	13.60	16.00	11.00	13.50
PDA1260-10uH/M	10 $\pm$ 20%	18.00	20.70	10.00	12.50
PDA1260-15uH/M	15 $\pm$ 20%	25.00	29.00	6.00	9.00
PDA1260-18uH/M	18 $\pm$ 20%	30.00	35.00	5.00	8.00
PDA1260-22uH/M	22 $\pm$ 20%	34.00	39.50	5.00	7.50
PDA1260-27uH/M	27 $\pm$ 20%	54.00	60.00	4.00	6.50
PDA1260-33uH/M	33 $\pm$ 20%	65.00	75.00	4.00	6.00
PDA1260-47uH/M	47 $\pm$ 20%	80.00	90.00	3.50	5.50
PDA1260-68uH/M	68 $\pm$ 20%	115.00	130.00	3.25	4.50
PDA1260-82uH/M	82 $\pm$ 20%	120.00	140.00	3.00	4.00
PDA1260-100uH/M	100 $\pm$ 20%	180.00	200.00	2.50	3.50
PDA1260-120uH/M	120 $\pm$ 20%	210.00	235.00	2.30	3.20
PDA1260-150uH/M	150 $\pm$ 20%	300.00	350.00	2.00	2.70

**Remark:** ● All test data is reference to 25 $^{\circ}$ C ambient.

- Test Condition: 100kHz, 1Vrms
- I<sub>dc</sub>: DC current (A) that will cause an approximate  $\Delta$ T of 40 $^{\circ}$ C
- I<sub>sat</sub> : DC current (A) that will cause L0 to drop approximately 30% Typ.
- Operat between temperature range -40 $^{\circ}$ C to +125 $^{\circ}$ C

● PACKAGING SPECIFICATION :



Type	Tape Dimension (mm)						Reel Dimension (mm)			Quantity (Pcs/Reel)	Quantity (Pcs/Carton)
	W	A0	B0	K0	DO	P	A	B	C		
PDA201610	8.0	1.8	2.2	1.1	1.5	4.0	178	58	13	3000	75K
PDA252010	8.0	2.3	2.8	1.1	1.5	4.0	178	58	13	3000	75K
PDA252012	8.0	2.3	2.8	1.3	1.5	4.0	178	58	13	3000	75K
PDA0302	12.0	3.6	3.9	2.2	1.5	8.0	330	100	13	3000	75K
PDA0420	12.0	4.4	5.2	2.2	1.5	8.0	330	100	13	3000	75K
PDA0520	12.0	5.6	6.0	2.2	1.5	12.0	330	100	13	2000	12K
PDA0530	12.0	5.6	6.0	3.3	1.5	12.0	330	100	13	1500	9K
PDA0730	16.0	7.2	8.0	3.3	1.5	12.0	330	100	13	1500	9K
PDA0750	16.0	7.2	8.0	5.5	1.5	12.0	330	100	13	1000	6K
PDA1030	24.0	10.7	11.4	3.3	1.5	16.0	330	100	13	1000	4K
PDA1040	24.0	10.7	11.4	4.3	1.5	16.0	330	100	13	1000	4K
PDA1250	24.0	13.2	13.4	5.5	1.5	20.0	330	100	13	400	1.6K
PDA1260	24.0	13.2	13.4	6.8	1.5	20.0	330	100	13	400	1.6K