深圳市华利进电子有限公司
梅州市华利进电子有限公司

联系电话：座机/0755-83956780 刘先生/13538239329 朱先生/13902488837 公司网址：Http//www.szhlxdz.com

产品概要 Outline

- **磁屏蔽结构：抗电磁干扰（EMI）性能强。**

Magnetic shielded structure:excellent resistance to electromagnetic interference.

- **组立式设计，结构坚固。**

Assemblage design,sturdy structure.

- **高电感值，大电流，低磁损，低阻抗，寄生电容小。**

High inductance,high current,low magnetic loss, low ESR,small parasitic capacitance.

- **耐高温铜线，磁路闭合，超低蜂鸣噪音。**

High temperature wire,closed magnetic circuit, ultra low buzz noise.

- **工作温度：-40℃～+125℃（包含线圈发热）**

Operating temperature:-40℃～+125℃(Including coil's temperature rise)

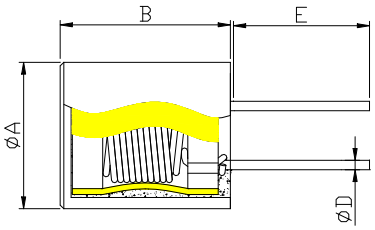
深圳市华利进电子有限公司

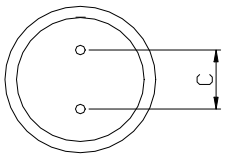
地址：广东省深圳市光明新区新湖街道楼村社区

梅州市华利进电子有限公司

地址：广东省梅州市梅江区三角镇东升工业园

深圳市华利进电子
梅州市华利进电子





Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
HL0810PB Series	8.5±0.5	12.5 MAX	3.0/5.0±0.5	0.65±0.1	3.5-5.0

Part Number	LO Inductance (μH) ±20%	Heat Rating Current Irms(A)	Saturation Current Isat (A)	DCR(mΩ)	
				TYP.	MAX.
HL0810PB-4R7M	4.7		2.5	11.4	15.0
HL0810PB-5R6M	5.6		2.3	12.0	16.0
HL0810PB-6R8M	6.8		2.2	14.5	20.0
HL0810PB-8R2M	8.2		2.0	17.5	25.0
HL0810PB-100M	10		1.6	22.0	30.0
HL0810PB-150M	15		1.3	26.0	35.0
HL0810PB-220M	22.0		1.2	33.5	40.0
HL0810PB-330M	33		1.0	43.5	50.0
HL0810PB-470M	47		0.7	51.2	60.0
HL0810PB-680M	68		0.6	76.5	85.0
HL0810PB-820M	82		0.5	106.0	115.0
HL0810PB-101M	100		0.5	115.5	125.0

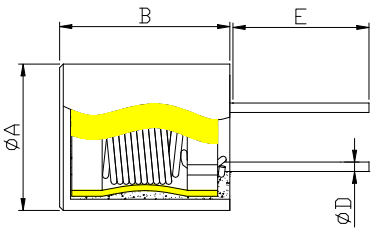
**： Inductance ± 20%

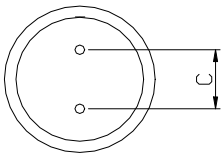
Note 1： All test data is referenced to 25℃ ambient.

Note 2： Idc : DC current (A) that will cause an approximate△T of 40℃

Note 3： Isat : DC current (A) that will cause Lo to drop approximately 20%

深圳市华利进电子
梅州市华利进电子





Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
HL1014PB Series	10.5±0.5	14.5 MAX	5.0±0.5	0.65±0.1	3.5-5.0

Part Number	L0 Inductance (μH) ±20%	Heat Rating Current Irms(A)	Saturation Current Isat (A)	DCR(mΩ)	
				TYP.	MAX.
HL1014PB-4R7M	4.7		10.0	17.5	22.0
HL1014PB-5R6M	5.6		9.0	19.3	25.0
HL1014PB-6R8M	6.8		8.0	21.0	28.0
HL1014PB-8R2M	8.2		7.0	22.0	30.0
HL1014PB-100M	10		6.0	23.8	35.0
HL1014PB-150M	15		5.5	28.0	40.0
HL1014PB-220M	22.0		4.0	35.0	45.0
HL1014PB-330M	33		3.5	66.0	70.0
HL1014PB-470M	47		3.0	67.0	75.0
HL1014PB-680M	68		2.5	90.0	100.0
HL1014PB-820M	82		2.2	111.0	120.0
HL1014PB-101M	100		2.0	124.6	135.0

**： Inductance Tolerance ± 20%

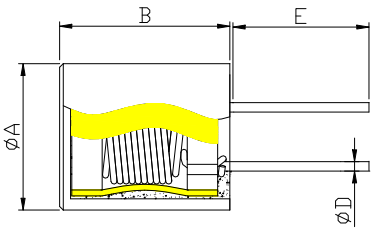
Note 1： All test data is referenced to 25℃ ambient.

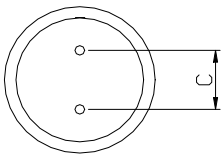
Note 2： Idc : DC current (A) that will cause an approximate△T of 40℃

Note 3： Isat : DC current (A) that will cause Lo to drop approximately 20%

深圳市华利进电子

梅州市华利进电子





Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
HL1215PB Series	12.5±0.5	14.5 MAX	5.0±0.5	0.8±0.1	3.5-5.0

Part Number	L0 Inductance (μH) ±20%	Heat Rating Current Irms(A)	Saturation Current Isat (A)	DCR(mΩ)	
				TYP.	MAX.
HL1215PB-4R7M	4.7		10.0	9.5	15.0
HL1215PB-5R6M	5.6		9.0	11.5	18.0
HL1215PB-6R8M	6.8		8.5	12.7	20.0
HL1215PB-8R2M	8.2		7.5	16.0	22.0
HL1215PB-100M	10		7.0	17.8	25.0
HL1215PB-150M	15		6.5	25.9	35.0
HL1215PB-220M	22.0		5.0	27.0	37.0
HL1215PB-330M	33		4.0	29.2	40.0
HL1215PB-470M	47		3.5	46.5	55.0
HL1215PB-680M	68		2.2	74.4	80.0
HL1215PB-820M	82		2.1	114.0	120.0
HL1215PB-101M	100		2.0	167.0	175.0

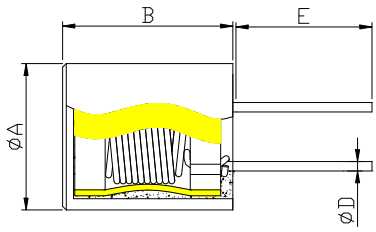
**：Inductance Tolerance ± 20%

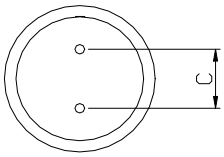
Note 1：All test data is referenced to 25℃ ambient.

Note 2：Idc : DC current (A) that will cause an approximate△T of 40℃

Note 3：Isat : DC current (A) that will cause Lo to drop approximately 20%

深圳市华利进电子
梅州市华利进电子





Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
HL1518PB Series	15.5±0.5	19.5 MAX	7.5±0.5	0.8±0.1	3.5-5.0

Part Number	L0 Inductance (μH) ±20%	Heat Rating Current Irms(A)	Saturation Current Isat (A)	DCR(mΩ)	
				TYP.	MAX.
HL1518PB-4R7M	4.7		16.0	5.4	8.0
HL1518PB-5R6M	5.6		15.0	6.0	10.0
HL1518PB-6R8M	6.8		14.5	7.2	12.0
HL1518PB-8R2M	8.2		13.0	9.3	15.0
HL1518PB-100M	10		10.0	14.0	18.0
HL1518PB-150M	15		8.0	15.0	20.0
HL1518PB-220M	22.0		7.5	16.7	22.0
HL1518PB-330M	33		6.5	19.1	25.0
HL1518PB-470M	47		5.5	31.7	40.0
HL1518PB-680M	68		3.5	46.7	55.0
HL1518PB-820M	82		3.3	60.0	70.0
HL1518PB-101M	100		3.0	78.0	85.0

**： Inductance Tolerance ± 20%

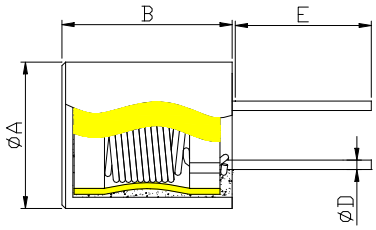
Note 1： All test data is referenced to 25℃ ambient.

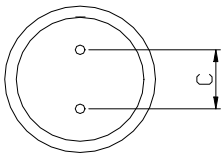
Note 2： Idc : DC current (A) that will cause an approximate△T of 40℃

Note 3： Isat : DC current (A) that will cause Lo to drop approximately 20%

深圳市华利进电子

梅州市华利进电子





Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
HL1622PB Series	16.8±0.5	23.5 MAX	7.5±0.5	0.8±0.1	3.5-5.0

Part Number	L0 Inductance (μH) ±20%	Heat Rating Current Irms(A)	Saturation Current Isat (A)	DCR(mΩ)	
				TYP.	MAX.
HL1622PB-4R7M	4.7		13.0	3.2	6.0
HL1622PB-5R6M	5.6		12.0	4.9	8.0
HL1622PB-6R8M	6.8		11.0	5.6	10.0
HL1622PB-8R2M	8.2		10.5	6.3	10.0
HL1622PB-100M	10		10.0	11.4	15.0
HL1622PB-150M	15		6.0	12.5	16.0
HL1622PB-220M	22.0		5.5	14.2	18.0
HL1622PB-330M	33		5.0	16.5	20.0
HL1622PB-470M	47		4.5	13.0	18.0
HL1622PB-680M	68		3.5	22.0	30.0
HL1622PB-820M	82		3.0	32.0	40.0
HL1622PB-101M	100		2.5	45.0	50.0

**：Inductance Tolerance ± 20%

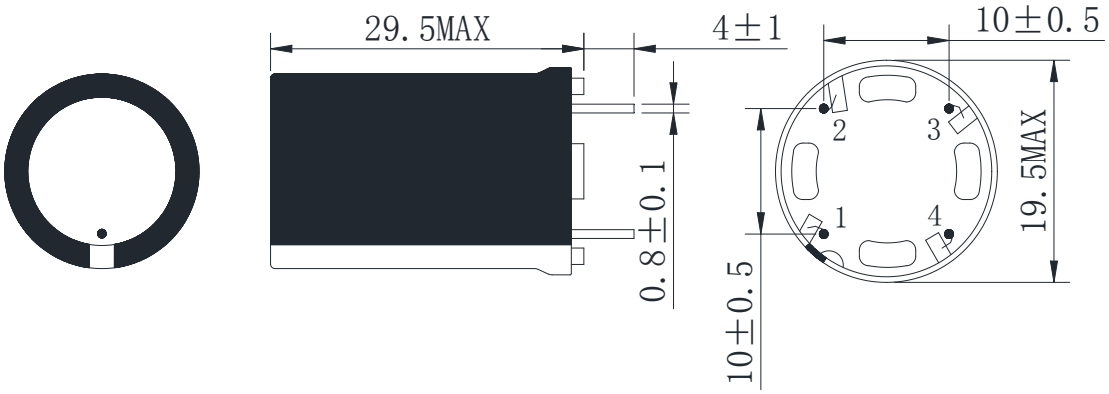
Note 1：All test data is referenced to 25℃ ambient.

Note 2：Idc : DC current (A) that will cause an approximate△T of 40℃

Note 3：Isat : DC current (A) that will cause Lo to drop approximately 20%

深圳市华利进电子

梅州市华利进电子



HL1622S-PB Series	L0 Inductance (μH) ±20%	Heat Rating Current Irms(A)	Saturation Current Isat (A)	DCR(mΩ)	
				TYP.	MAX.
HL1622PB -100MS	1-4/10.0uH 2-3/9.5uH	10.0	10.0	12.0	20.0
HL1622PB -150MS	1-4/15.0uH 2-3/14.5uH	5.5	6.0	15.5	30.0
HL1622PB -220MS	1-4/22.0uH 2-3/21.5uH	3.5	4.0	20.5	40.0

**： Inductance Tolerance ± 20%

Note 1： All test data is referenced to 25℃ ambient.

Note 2： Idc : DC current (A) that will cause an approximate△T of 40℃

Note 3： Isat : DC current (A) that will cause Lo to drop approximately 20%