

WIRE WOUND POWER CHIP INDUCTOR

绕线式功率电感



PFP1 SERIES



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Wire Wound Power Chip Inductor-PFPI Series

绕线式功率电感-PFPI 系列



INTRODUCTION AND CHARACTERISTICS 产品介绍及特性

INTRODUCTION	产品介绍
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◆ Power inductor takes an important part in the efficiency performance of DC/DC converter. Furthermore, the saturated current performance is also great, so it helps to get the ripple current lower and enhance the efficiency result.

◆ 功率电感器是 DC/DC 转换器转换效率性能的一个重要组成部分。不错的电流饱和性能有助于获得低纹波电流和提高效率。

CHARACTERISTICS	特性
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◆ Various high power inductors are superior to be high saturation

◆ 大功率，高饱和电流，低阻抗

◆ Excellent solderability and high heat resistance for reflow soldering or wave soldering

◆ 良好的焊接性，适合于回流焊或波峰焊

◆ Various high power surface mountable type inductors are superior to high saturation

◆ 多种尺寸适合表面高密度贴装

APPLICATIONS	应用产品
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◆ DC/DC converters

◆ DC/DC 转换

◆ LCD television

◆ LCD 电视

◆ Power supply choke for small electrical equipments such as VTR,LCD display,Notebook, communication equipment,and so on

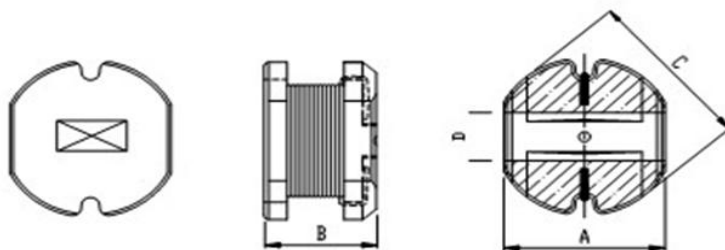
◆ 录像机、液晶显示器、笔记本电脑、通讯、设备、办公自动化等电子设备的电源扼流

PRODUCT IDENTIFICATION 产品型号

PFPI 3515 F 2R2 M T
 ① ② ③ ④ ⑤ ⑥

①Product Series Code 产品系列码	PFPI	Wire Wound Power Chip Inductor 绕线式功率电感
②Size Code 尺寸码	3515	直径×厚 (C×B) (mm) 3.5×1.6
③Material Code 材质代号	F	铁氧体材料
④Inductance Value Code 感量值	2R2	2.2uH
	330	33uH
⑤Inductance Tolerance 电感值公差	M	±20%
	N	±30%
⑥Packing 包装形式	T	Tape and Reel 编带

SHAPE AND DIMENSIONS 外观尺寸



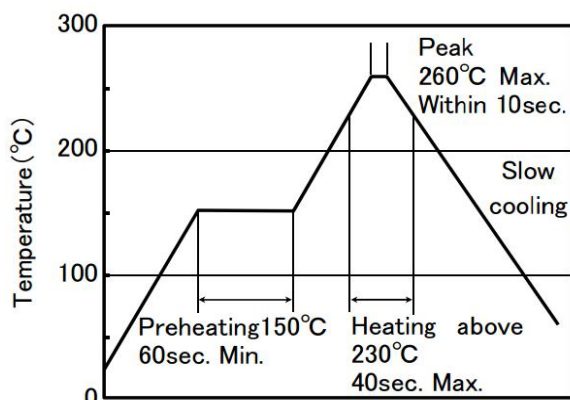
TYPE	A mm	B mm	C mm	D (ref) mm
PFPI3515	3.0±0.2	1.5±0.3	3.5±0.2	0.8
PFPI3521	3.0±0.2	2.1±0.3	3.5±0.2	0.8
PFPI4532	4.0±0.2	3.2±0.3	4.5±0.2	1.2
PFPI5825	5.2±0.2	2.5±0.3	5.8±0.2	1.5
PFPI5830	5.2±0.2	3.0±0.3	5.8±0.2	1.5
PFPI5845	5.2±0.2	4.5±0.3	5.8±0.2	1.5
PFPI7835	7.0±0.2	3.5±0.3	7.8±0.2	2.1
PFPI7850	7.0±0.2	5.0±0.3	7.8±0.2	2.1
PFPI1040	9.0±0.2	4.0±0.3	10.0±0.2	2.5
PFPI1054	9.0±0.2	5.4±0.3	10.0±0.2	2.5
PFPI1065	9.0±0.2	6.5±0.3	10.0±0.2	2.5

STORAGE AND OPERATING CONDITIONS 储存及操作条件

Operating Temperature Range	-40℃~+85℃
Storage Temperature and Humidity Range	-10℃~+40℃, 70%RH max.

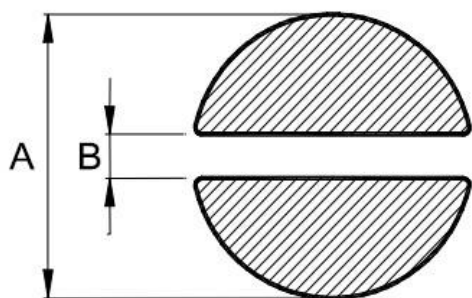
RECOMMENDED SOLDERING CONDITION 建议焊锡方式

REFLOW SOLDERING 回流焊



- ① Ceramic chip components should be preheated to within 100 to 130°C of the soldering.
- ② Assured to be reflow soldering for 2 times.

RECOMMENDED LAND PATTERN 推荐的焊盘尺寸

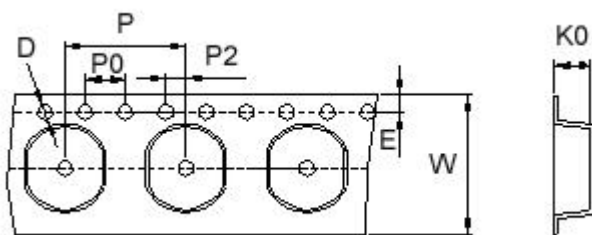


TYPE	A(mm)	B(mm)
PFPI3515	4.5	1.0
PFPI3521	4.5	1.0
PFPI4532	5.5	1.2
PFPI5825	6.8	2.0
PFPI5830	6.8	2.0
PFPI5845	6.8	1.3
PFPI7835	8.8	2.1
PFPI7850	8.8	2.1
PFPI1040	11	2.1
PFPI1054	11	2.1
PFPI1065	11	4.0

PACKING STANDARD 包装标准

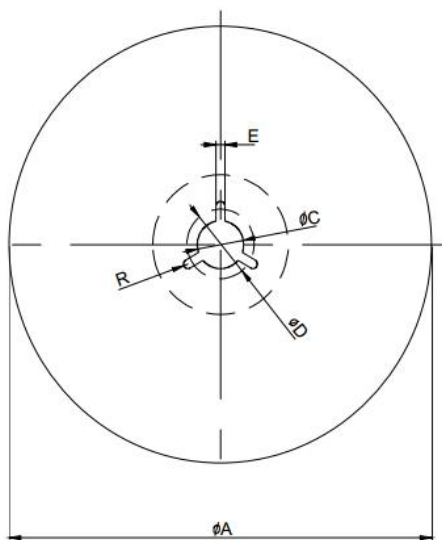
◆Taping Dimensions

Embossed Tape(8mm , 12mm ,16mm and 24wide)



Type	Chip Thickness	W	D	E	P	P0	P2	K0	Quantity (pcs/reel)
(mm)									Ø330mm
PFPI3515	1.5	12.0	1.55	1.75	8	4	2	1.80	3000
PFPI3521	2.1	12.0	1.55	1.75	8	4	2	2.50	3000
PFPI4532	3.2	12.0	1.55	1.75	8	4	2	3.55	2000
PFPI5825	2.5	16.0	1.50	1.75	8	4	2	3.30	2000
PFPI5830	3.0	16.0	1.50	1.75	8	4	2	3.30	2000
PFPI5845	4.5	16.0	1.55	1.75	8	4	2	4.80	1500
PFPI7835	3.5	16.0	1.55	1.75	12	4	2	3.80	1000
PFPI7850	5.0	16.0	1.55	1.75	12	4	2	5.20	700
PFPI1040	4.0	24.0	1.55	1.75	12	4	2	4.50	700
PFPI1054	5.4	24.0	1.55	1.75	12	4	2	5.80	700
PFPI1065	6.5	24.0	1.55	1.75	12	4	2	7.00	500

◆Reel Dimensions



Symbol	ø178mm Reel	Ø330mm Reel
A	Ø178±2	Ø330±2
B	Ø60±2	Ø100±2
C	Ø13±0.8	Ø13±0.8
D	Ø21±0.8	Ø21±0.8
E	2	2
W8	10±1.5	10±1.5
W12	14.5±1.5	14.5±1.5
W16	--	17.4(Typ.)
W24	--	24.4(Typ.)
T	2±0.5	2±0.5
R	1	1

SPECIFICATIONS 规格特性
PFPI 3515 TYPE

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试频率	DC Resistance 直流电阻 RDC	Rated Current 额定电流 Ir
Units 单位	uH	Hz	Ω	mA
PFPI3515F2R2MT	2.2	7.96M/1V	0.1	790
PFPI3515F3R3MT	3.3	7.96M/1V	0.11	730
PFPI3515F4R7MT	4.7	7.96M/1V	0.15	650
PFPI3515F5R6MT	5.6	7.96M/1V	0.15	600
PFPI3515F6R8MT	6.8	7.96M/1V	0.2	770
PFPI3515F100MT	10	2.52M/1V	0.3	450
PFPI3515F150MT	15	2.52M/1V	0.58	300
PFPI3515F220MT	22	2.52M/1V	0.71	250
PFPI3515F330MT	33	2.52M/1V	1.1	200
PFPI3515F390MT	39	2.52M/1V	1.3	170
PFPI3515F470MT	47	2.52M/1V	1.3	170
PFPI3515F680MT	68	2.52M/1V	2.2	130
PFPI3515F101MT	100	1K/1V	3.5	100
PFPI3515F201MT	200	1K/1V	10.9	70

SPECIFICATIONS 规格特性
PFPI 3521 TYPE

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试频率	DC Resistance 直流电阻 RDC	Rated Current 额定电流 Ir
Units 单位	uH	Hz	Ω	mA
PFPI3521FR82MT	0.82	7.96M/1V	0.06	2200
PFPI3521F1R0MT	1.0	7.96M/1V	0.07	2080
PFPI3521F1R4MT	1.4	7.96M/1V	0.09	1860
PFPI3521F1R5MT	1.5	7.96M/1V	0.11	1800
PFPI3521F1R8MT	1.8	7.96M/1V	0.11	1800
PFPI3521F2R2MT	2.2	7.96M/1V	0.13	1390
PFPI3521F2R7MT	2.7	7.96M/1V	0.14	1320
PFPI3521F3R3MT	3.3	7.96M/1V	0.17	1250
PFPI3521F3R9MT	3.9	7.96M/1V	0.19	1200
PFPI3521F4R7MT	4.7	7.96M/1V	0.21	1130
PFPI3521F5R6MT	5.6	7.96M/1V	0.22	910
PFPI3521F6R8MT	6.8	7.96M/1V	0.25	850

PFPI3521F8R2MT	8.2	7.96M/1V	0.28	820
PFPI3521F100MT	10	2.52M/1V	0.32	740
PFPI3521F120MT	12	2.52M/1V	0.35	640
PFPI3521F150MT	15	2.52M/1V	0.4	600
PFPI3521F180MT	18	2.52M/1V	0.48	540
PFPI3521F220MT	22	2.52M/1V	0.58	500
PFPI3521F270MT	27	2.52M/1V	0.65	430
PFPI3521F330MT	33	2.52M/1V	0.8	400
PFPI3521F390MT	39	2.52M/1V	0.9	370
PFPI3521F470MT	47	2.52M/1V	1.19	360
PFPI3521F500MT	50	2.52M/1V	1.22	330
PFPI3521F560MT	56	2.52M/1V	1.27	310
PFPI3521F680MT	68	2.52M/1V	1.73	300
PFPI3521F750MT	75	2.52M/1V	1.9	290
PFPI3521F820MT	82	2.52M/1V	1.99	280
PFPI3521F101MT	100	1K/1V	2.52	250
PFPI3521F121MT	120	1K/1V	2.9	200
PFPI3521F151MT	150	1K/1V	3.36	190
PFPI3521F181MT	180	1K/1V	5.1	170
PFPI3521F221MT	220	1K/1V	5.8	160
PFPI3521F271MT	270	1K/1V	7.8	140

SPECIFICATIONS 规格特性
PFPI 4532 TYPE

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试频率	DC Resistance 直流电阻 RDC	Rated Current 额定电流 Ir
Units 单位	uH	Hz	Ω	mA
PFPI4532FR15MT	0.15	7.96M/1V	0.0085	7500
PFPI4532F1R0MT	1.0	7.96M/1V	0.033	3800
PFPI4532F1R2MT	1.2	7.96M/1V	0.035	3500
PFPI4532F1R4MT	1.4	7.96M/1V	0.038	3300
PFPI4532F1R8MT	1.8	7.96M/1V	0.042	2910
PFPI4532F2R2MT	2.2	7.96M/1V	0.047	2600
PFPI4532F2R7MT	2.7	7.96M/1V	0.052	2430
PFPI4532F3R3MT	3.3	7.96M/1V	0.058	2150
PFPI4532F3R9MT	3.9	7.96M/1V	0.076	1980
PFPI4532F4R7MT	4.7	7.96M/1V	0.094	1700
PFPI4532F5R6MT	5.6	7.96M/1V	0.101	1600

PFPI4532F6R2MT	6.2	7.96M/1V	0.11	1500
PFPI4532F6R8MT	6.8	7.96M/1V	0.117	1410
PFPI4532F8R2MT	8.2	7.96M/1V	0.132	1260
PFPI4532F100MT	10	2.52M/1V	0.182	1150
PFPI4532F120MT	12	2.52M/1V	0.21	1050
PFPI4532F150MT	15	2.52M/1V	0.235	920
PFPI4532F180MT	18	2.52M/1V	0.338	840
PFPI4532F220MT	22	2.52M/1V	0.378	760
PFPI4532F270MT	27	2.52M/1V	0.522	710
PFPI4532F330MT	33	2.52M/1V	0.54	640
PFPI4532F390MT	39	2.52M/1V	0.587	590
PFPI4532F470MT	47	2.52M/1V	0.844	540
PFPI4532F560MT	56	2.52M/1V	0.937	500
PFPI4532F680MT	68	2.52M/1V	1.117	460
PFPI4532F101MT	100	1K/1V	2	400
PFPI4532F121MT	120	1K/1V	1.8	380
PFPI4532F151MT	150	1K/1V	2.8	300
PFPI4532F181MT	180	1K/1V	3.2	250
PFPI4532F221MT	220	1K/1V	4	150
PFPI4532F331MT	330	1K/1V	5.85	210

SPECIFICATIONS 规格特性

PFPI 5825 TYPE

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试频率	DC Resistance 直流电阻 RDC	Rated Current 额定电流 Ir
Units 单位	uH	Hz	Ω	mA
PFPI5825F1R0MT	1	7.69M/1V	0.03	4500
PFPI5825F1R4MT	1.4	7.69M/1V	0.04	4000
PFPI5825F1R8MT	1.8	7.69M/1V	0.05	3300
PFPI5825F2R2MT	2.2	7.69M/1V	0.06	2940
PFPI5825F2R7MT	2.7	7.69M/1V	0.07	2500
PFPI5825F3R3MT	3.3	7.69M/1V	0.08	2350
PFPI5825F3R9MT	3.9	7.69M/1V	0.09	2200
PFPI5825F4R7MT	4.7	7.69M/1V	0.14	2000
PFPI5825F5R6MT	5.6	7.69M/1V	0.15	1800
PFPI5825F6R8MT	6.8	7.69M/1V	0.16	1700
PFPI5825F8R2MT	8.2	7.69M/1V	0.17	1400
PFPI5825F100MT	10	2.52M/1V	0.18	1200

PFPI5825F120MT	12	2.52M/1V	0.2	1180
PFPI5825F150MT	15	2.52M/1V	0.22	1150
PFPI5825F180MT	18	2.52M/1V	0.25	1100
PFPI5825F220MT	22	2.52M/1V	0.35	1000
PFPI5825F270MT	27	2.52M/1V	0.45	860
PFPI5825F330MT	33	2.52M/1V	0.56	760
PFPI5825F390MT	39	2.52M/1V	0.69	750
PFPI5825F470MT	47	2.52M/1V	0.72	730
PFPI5825F560MT	56	2.52M/1V	0.84	550
PFPI5825F680MT	68	2.52M/1V	0.9	520
PFPI5825F820MT	82	2.52M/1V	1.2	500
PFPI5825F101MT	100	1K/1V	1.3	400
PFPI5825F121MT	120	1K/1V	1.38	360
PFPI5825F151MT	150	1K/1V	1.81	300
PFPI5825F181MT	180	1K/1V	1.95	260
PFPI5825F221MT	220	1K/1V	3	250
PFPI5825F271MT	270	1K/1V	3.2	210
PFPI5825F331MT	330	1K/1V	3.82	180
PFPI5825F391MT	390	1K/1V	4.68	160
PFPI5825F471MT	470	1K/1V	5.1	150
PFPI5825F561MT	560	1K/1V	8.5	140
PFPI5825F681MT	680	1K/1V	10	130
PFPI5825F821MT	820	1K/1V	12	70
PFPI5825F102MT	1000	1K/1V	18	50

SPECIFICATIONS 规格特性

PFPI 5830TYPE

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试频率	DC Resistance 直流电阻 RDC	Rated Current 额定电流 Ir
Units 单位	uH	Hz	Ω	mA
PFPI5830F1R0MT	1	7.69M/1V	0.03	4500
PFPI5830F1R4MT	1.2	7.69M/1V	0.03	4200
PFPI5830F1R5MT	1.5	7.69M/1V	0.03	4100
PFPI5830F1R8MT	1.8	7.69M/1V	0.03	3700
PFPI5830F2R0MT	2	7.69M/1V	0.03	3600
PFPI5830F2R2MT	2.2	7.69M/1V	0.03	3500
PFPI5830F2R7MT	2.7	7.69M/1V	0.04	3200
PFPI5830F3R3MT	3.3	7.69M/1V	0.05	2800

PFPI5830F3R9MT	3.9	7.69M/1V	0.06	2600
PFPI5830F4R7MT	4.7	7.69M/1V	0.07	2500
PFPI5830F5R6MT	5.6	7.69M/1V	0.08	2400
PFPI5830F6R8MT	6.8	7.69M/1V	0.09	2200
PFPI5830F8R2MT	8.2	7.69M/1V	0.1	2000
PFPI5830F100MT	10	2.52M/1V	0.12	1800
PFPI5830F120MT	12	2.52M/1V	0.13	1750
PFPI5830F150MT	15	2.52M/1V	0.15	1700
PFPI5830F180MT	18	2.52M/1V	0.22	1600
PFPI5830F220MT	22	2.52M/1V	0.22	1500
PFPI5830F270MT	27	2.52M/1V	0.26	1400
PFPI5830F330MT	33	2.52M/1V	0.33	1100
PFPI5830F390MT	39	2.52M/1V	0.42	1000
PFPI5830F470MT	47	2.52M/1V	0.5	900
PFPI5830F560MT	56	2.52M/1V	0.55	850
PFPI5830F680MT	68	2.52M/1V	0.65	800
PFPI5830F820MT	82	2.52M/1V	0.8	650
PFPI5830F101MT	100	1K/1V	0.9	600
PFPI5830F121MT	120	1K/1V	1	580
PFPI5830F151MT	150	1K/1V	1.3	430
PFPI5830F181MT	180	1K/1V	1.5	410
PFPI5830F221MT	220	1K/1V	2	380
PFPI5830F271MT	270	1K/1V	2.5	350
PFPI5830F331MT	330	1K/1V	3.2	280
PFPI5830F391MT	390	1K/1V	3.5	260
PFPI5830F471MT	470	1K/1V	4.2	200
PFPI5830F561MT	560	1K/1V	4.5	190
PFPI5830F681MT	680	1K/1V	6.5	180
PFPI5830F821MT	820	1K/1V	7.5	150
PFPI5830F102MT	1000	1K/1V	8	130

SPECIFICATIONS 规格特性

PFPI 5845 TYPE

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试频率	DC Resistance 直流电阻 RDC	Rated Current 额定电流 Ir
Units 单位	uH	Hz	Ω	mA
PFPI5845F1R8MT	1.8	7.69M/1V	0.02	3500

PFPI5845F2R2MT	2.2	7.69M/1V	0.023	3200
PFPI5845F3R3MT	3.3	7.69M/1V	0.0314	2590
PFPI5845F3R5MT	3.5	7.69M/1V	0.03	2400
PFPI5845F4R7MT	4.7	7.69M/1V	0.0372	2300
PFPI5845F6R8MT	6.8	7.69M/1V	0.057	1800
PFPI5845F8R2MT	8.2	7.69M/1V	0.0594	1700
PFPI5845F100MT	10	2.52M/1V	0.1	1440
PFPI5845F120MT	12	2.52M/1V	0.12	1400
PFPI5845F150MT	15	2.52M/1V	0.14	1300
PFPI5845F180MT	18	2.52M/1V	0.15	1230
PFPI5845F220MT	22	2.52M/1V	0.18	1110
PFPI5845F270MT	27	2.52M/1V	0.2	970
PFPI5845F330MT	33	2.52M/1V	0.23	880
PFPI5845F390MT	39	2.52M/1V	0.32	800
PFPI5845F470MT	47	2.52M/1V	0.37	720
PFPI5845F560MT	56	2.52M/1V	0.42	680
PFPI5845F680MT	68	2.52M/1V	0.46	610
PFPI5845F820MT	82	2.52M/1V	0.6	580
PFPI5845F101MT	100	1K/1V	0.7	520
PFPI5845F121MT	120	1K/1V	0.93	480
PFPI5845F151MT	150	1K/1V	1.1	400
PFPI5845F181MT	180	1K/1V	1.38	380
PFPI5845F221MT	220	1K/1V	1.57	350
PFPI5845F221MT	270	1K/1V	1.85	290
PFPI5845F271MT	330	1K/1V	2	280
PFPI5845F331MT	390	1K/1V	2.6	260
PFPI5845F471MT	470	1K/1V	3	120
PFPI5845F561MT	560	1K/1V	4.19	100
PFPI5845F681MT	680	1K/1V	4.44	80
PFPI5845F821MT	820	1K/1V	5.12	50
PFPI5845F102MT	1000	1K/1V	10	30

SPECIFICATIONS 规格特性

PFPI 7835 TYPE

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试频率	DC Resistance 直流电阻 RDC	Rated Current 额定电流 Ir
Units 单位	uH	Hz	Ω	mA

PFPI7835F2R2MT	2.2	7.96M/1V	0.03	3200
PFPI7835F4R7MT	4.7	7.96M/1V	0.04	1600
PFPI7835F100MT	10	2.52M/1V	0.08	1440
PFPI7835F120MT	12	2.52M/1V	0.09	1390
PFPI7835F150MT	15	2.52M/1V	0.10	1240
PFPI7835F180MT	18	2.52M/1V	0.11	1120
PFPI7835F220MT	22	2.52M/1V	0.13	1070
PFPI7835F270MT	27	2.52M/1V	0.15	940
PFPI7835F330MT	33	2.52M/1V	0.17	850
PFPI7835F390MT	39	2.52M/1V	0.22	740
PFPI7835F470MT	47	2.52M/1V	0.25	680
PFPI7835F560MT	56	2.52M/1V	0.28	640
PFPI7835F680MT	68	2.52M/1V	0.33	590
PFPI7835F820MT	82	2.52M/1V	0.41	540
PFPI7835F101MT	100	1K/1V	0.48	510
PFPI7835F121MT	120	1K/1V	0.54	490
PFPI7835F151MT	150	1K/1V	0.75	400
PFPI7835F181MT	180	1K/1V	1.02	360
PFPI7835F221MT	220	1K/1V	1.2	310
PFPI7835F271MT	270	1K/1V	1.31	290
PFPI7835F331MT	330	1K/1V	1.5	280
PFPI7835F561MT	560	1K/1V	2.5	140

SPECIFICATIONS 规格特性

PFPI 7850 TYPE

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试频率	DC Resistance 直流电阻 RDC	Rated Current 额定电流 Ir
Units 单位	uH	Hz	Ω	mA
PFPI7850F1R0MT	1.4	7.96M/1V	0.02	3700
PFPI7850F1R5MT	1.5	7.96M/1V	0.02	3700
PFPI7850F1R8MT	1.8	7.96M/1V	0.02	3700
PFPI7850F2R2MT	2.2	7.96M/1V	0.02	3700
PFPI7850F2R7MT	2.7	7.96M/1V	0.02	3700
PFPI7850F3R0MT	3	7.96M/1V	0.025	3700
PFPI7850F3R3MT	3.3	7.96M/1V	0.03	3700
PFPI7850F3R9MT	3.9	7.96M/1V	0.03	3700
PFPI7850F4R7MT	4.7	7.96M/1V	0.04	3500
PFPI7850F5R6MT	5.6	7.96M/1V	0.04	3300

PFPI7850F6R8MT	6.8	7.96M/1V	0.04	3100
PFPI7850F8R2MT	8.2	7.96M/1V	0.05	2700
PFPI7850F100MT	10	2.52M/1V	0.07	2300
PFPI7850F120MT	12	2.52M/1V	0.08	2000
PFPI7850F150MT	15	2.52M/1V	0.09	1800
PFPI7850F180MT	18	2.52M/1V	0.1	1600
PFPI7850F220MT	22	2.52M/1V	0.11	1500
PFPI7850F270MT	27	2.52M/1V	0.12	1300
PFPI7850F330MT	33	2.52M/1V	0.13	1200
PFPI7850F390MT	39	2.52M/1V	0.16	1100
PFPI7850F470MT	47	2.52M/1V	0.18	1100
PFPI7850F560MT	56	2.52M/1V	0.24	940
PFPI7850F680MT	68	2.52M/1V	0.28	850
PFPI7850F820MT	82	2.52M/1V	0.37	780
PFPI7850F101MT	100	1K/1V	0.43	720
PFPI7850F121MT	120	1K/1V	0.47	660
PFPI7850F151MT	150	1K/1V	0.64	580
PFPI7850F181MT	180	1K/1V	0.71	510
PFPI7850F221MT	220	1K/1V	0.96	490
PFPI7850F271MT	270	1K/1V	1.11	420
PFPI7850F331MT	330	1K/1V	1.26	400
PFPI7850F391MT	390	1K/1V	1.77	360
PFPI7850F471MT	470	1K/1V	1.96	340
PFPI7850F561MT	560	1K/1V	2.41	320
PFPI7850F681MT	680	1K/1V	2.5	290
PFPI7850F102MT	1000	1K/1V	2.8	190

SPECIFICATIONS 规格特性

PFPI 1040 TYPE

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试频率	DC Resistance 直流电阻 RDC	Rated Current 额定电流 Ir
Units 单位	uH	Hz	Ω	mA
PFPI1040F3R3MT	3.3	7.96M/1V	0.022	4500
PFPI1040F3R8MT	3.8	7.96M/1V	0.022	4200
PFPI1040F6R8MT	6.8	7.96M/1V	0.04	3000
PFPI1040F100MT	10	2.52M/1V	0.05	2380
PFPI1040F120MT	12	2.52M/1V	0.06	2130

PFPI1040F150MT	15	2.52M/1V	0.07	1870
PFPI1040F180MT	18	2.52M/1V	0.08	1730
PFPI1040F220MT	22	2.52M/1V	0.09	1600
PFPI1040F270MT	27	2.52M/1V	0.1	1440
PFPI1040F330MT	33	2.52M/1V	0.12	1260
PFPI1040F390MT	39	2.52M/1V	0.15	1200
PFPI1040F470MT	47	2.52M/1V	0.17	1100
PFPI1040F560MT	56	2.52M/1V	0.2	1010
PFPI1040F680MT	68	2.52M/1V	0.22	910
PFPI1040F820MT	82	2.52M/1V	0.3	850
PFPI1040F101MT	100	1K/1V	0.34	740
PFPI1040F121MT	120	1K/1V	0.4	690
PFPI1040F151MT	150	1K/1V	0.54	610
PFPI1040F181MT	180	1K/1V	0.62	560
PFPI1040F221MT	220	1K/1V	0.72	530
PFPI1040F271MT	270	1K/1V	0.95	450
PFPI1040F331MT	330	1K/1V	1.1	420
PFPI1040F391MT	390	1K/1V	1.24	380
PFPI1040F471MT	470	1K/1V	1.53	350
PFPI1040F561MT	560	1K/1V	1.9	320

SPECIFICATIONS 规格特性

PFPI 1054 TYPE

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试频率	DC Resistance 直流电阻 RDC	Rated Current 额定电流 Ir
Units 单位	uH	Hz	Ω	mA
PFPI1054F3R3MT	3.3	7.96M/1V	0.038	2800
PFPI1054F4R7MT	4.7	7.96M/1V	0.04	2600
PFPI1054F5R6MT	5.6	7.96M/1V	0.037	4500
PFPI1054F6R8MT	6.8	7.96M/1V	0.037	4330
PFPI1054F8R2MT	8.2	7.96M/1V	0.05	3500
PFPI1054F100MT	10	2.52M/1V	0.06	2600
PFPI1054F120MT	12	2.52M/1V	0.07	2450
PFPI1054F150MT	15	2.52M/1V	0.08	2270
PFPI1054F180MT	18	2.52M/1V	0.09	2150
PFPI1054F220MT	22	2.52M/1V	0.1	1950
PFPI1054F270MT	27	2.52M/1V	0.11	1760

PFPI1054F330MT	33	2.52M/1V	0.12	1500
PFPI1054F390MT	39	2.52M/1V	0.14	1370
PFPI1054F470MT	47	2.52M/1V	0.17	1280
PFPI1054F560MT	56	2.52M/1V	0.19	1170
PFPI1054F680MT	68	2.52M/1V	0.22	1110
PFPI1054F820MT	82	2.52M/1V	0.25	1000
PFPI1054F101MT	100	1K/1V	0.35	970
PFPI1054F121MT	120	1K/1V	0.4	890
PFPI1054F151MT	150	1K/1V	0.47	780
PFPI1054F181MT	180	1K/1V	0.63	720
PFPI1054F221MT	220	1K/1V	0.73	660
PFPI1054F271MT	270	1K/1V	0.97	570
PFPI1054F331MT	330	1K/1V	1.15	520
PFPI1054F391MT	390	1K/1V	1.3	480
PFPI1054F471MT	470	1K/1V	1.48	420
PFPI1054F561MT	560	1K/1V	1.9	330
PFPI1054F681MT	680	1K/1V	2.25	280
PFPI1054F821MT	820	1K/1V	2.55	240
PFPI1054F102MT	1000	1K/1V	3.1	200

SPECIFICATIONS 规格特性

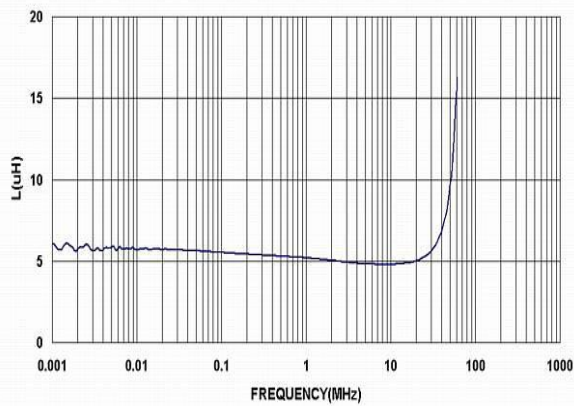
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Part Number 型号	Inductance 电感量 L	L Test Condition L 测试频率	DC Resistance 直流电阻 RDC	Rated Current 额定电流 Ir
Units 单位	uH	Hz	Ω	mA
PFPI1065F220MT	22	2.52M/1V	0.08	3800
PFPI1065F471MT	470	1K/1V	1.421	820
PFPI1065F102MT	1000	1K/1V	2.9	600
PFPI1065F122MT	1200	1K/1V	3.5	500
PFPI1065F202MT	2000	1K/1V	6.6	400
PFPI1065F222MT	2200	1K/1V	6	400
PFPI1065F602MT	6000	1K/1V	14	270
PFPI1065F822MT	8200	1K/1V	50	200

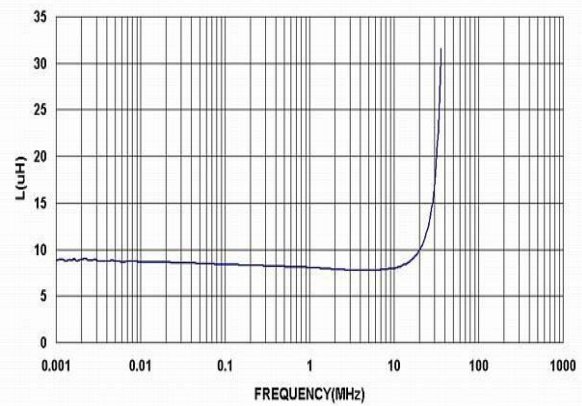
TYPICAL ELECTRICAL CHARACTERISTICS 典型电气特性

INDUCTANCE vs. FREQUENCY

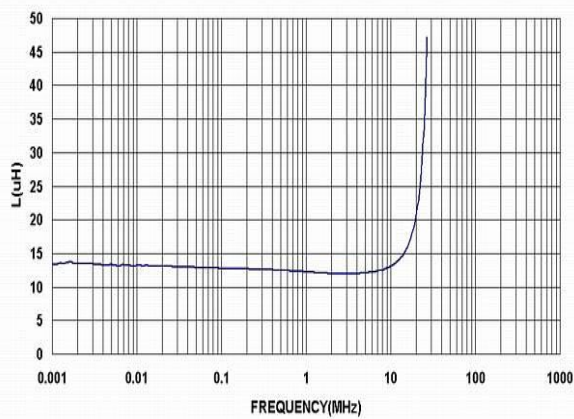
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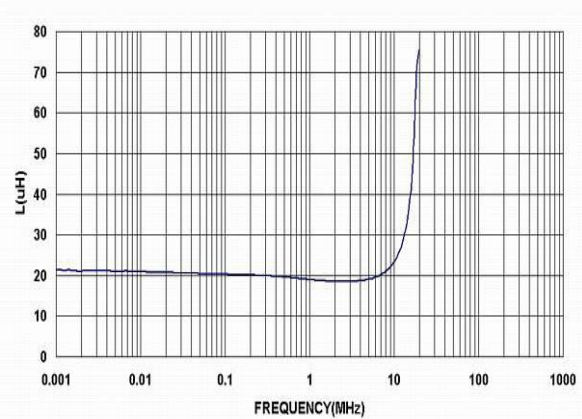
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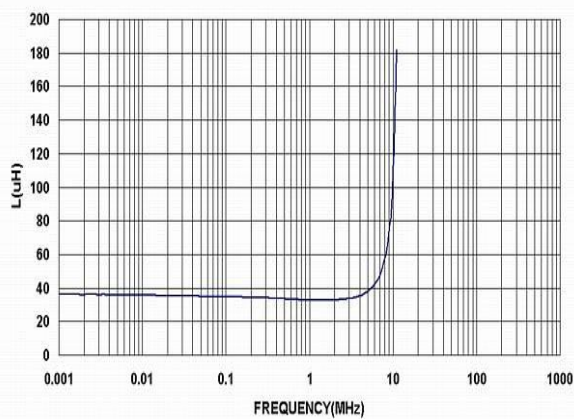
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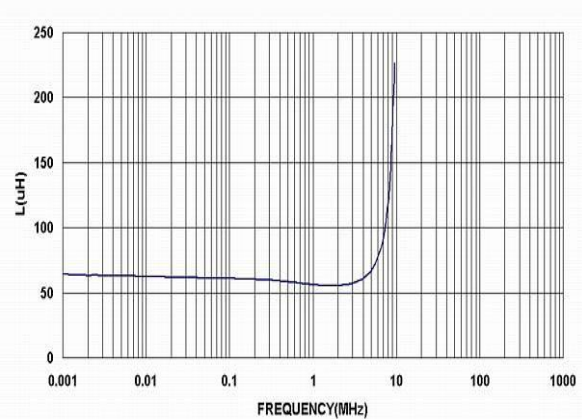
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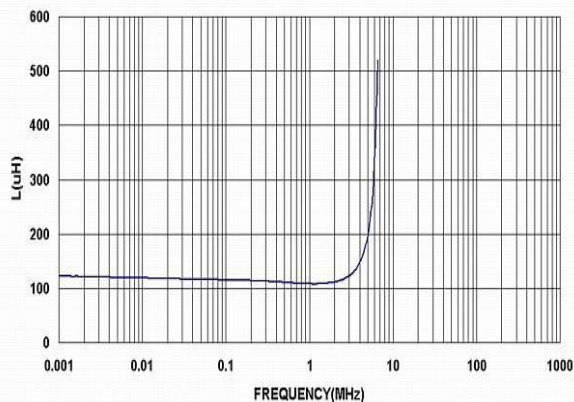
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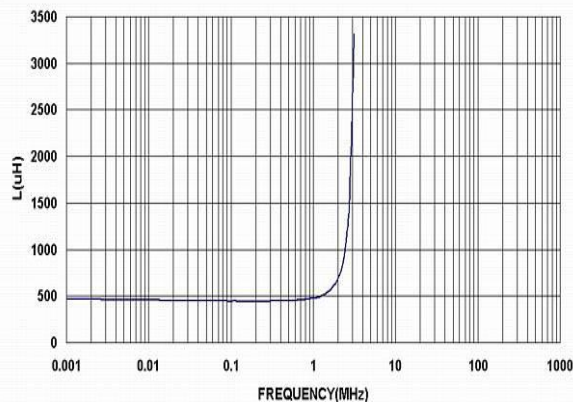
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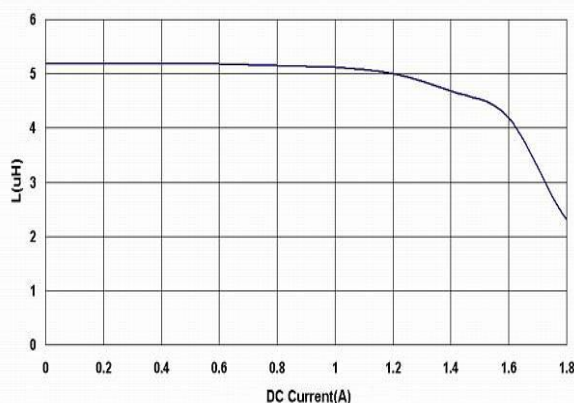


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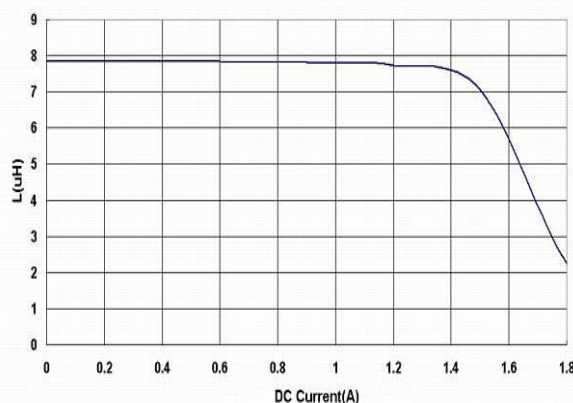


TYPICAL ELECTRICAL CHARACTERISTICS 典型电气特性
INDUCTANCE vs. DC BIAS CURRENT

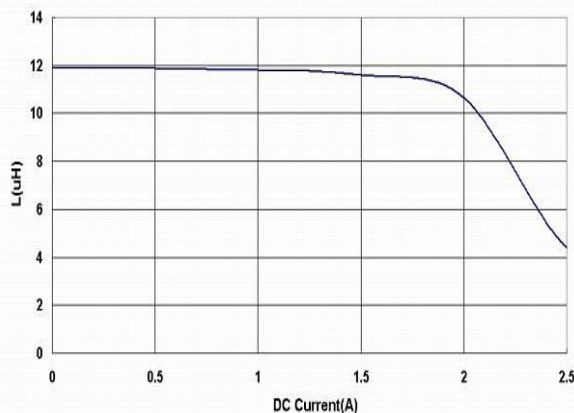
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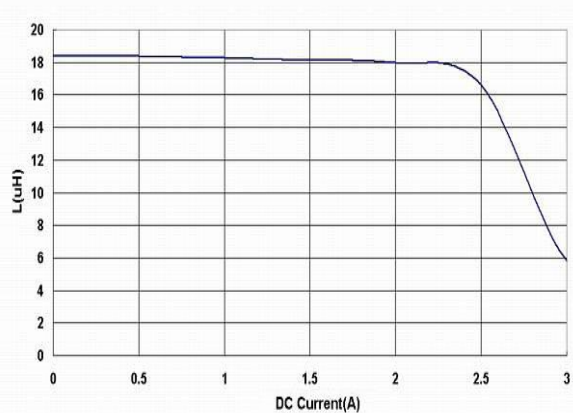
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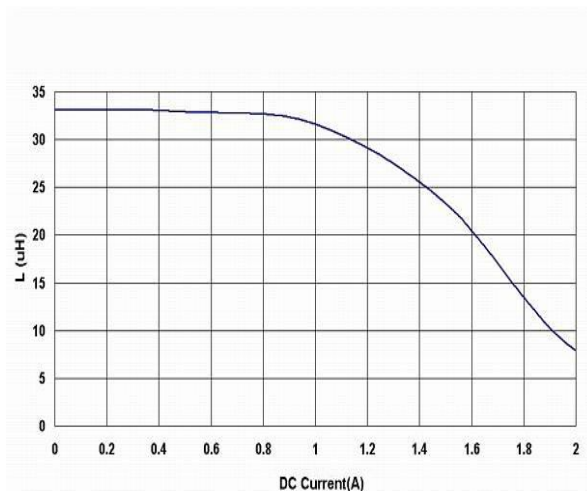
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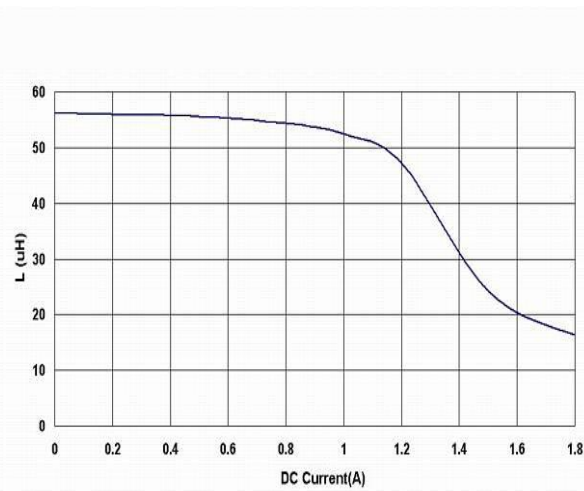
TYPICAL ELECTRICAL CHARACTERISTICS 典型电气特性

INDUCTANCE vs. DC BIAS CURRENT

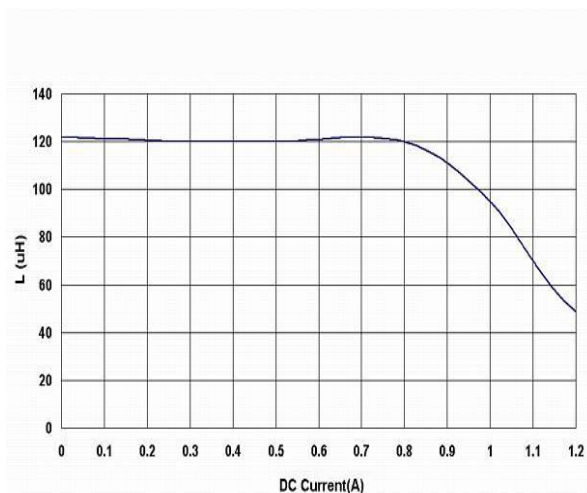
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