

WIRE WOUND POWER CHIP INDUCTOR

绕线式功率电感



PWPI SERIES



深圳高路瑞电子有限公司

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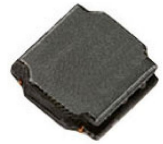
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Wire Wound Power Chip Inductor-PWPI Series

绕线式功率电感-PWPI 系列



INTRODUCTION AND CHARACTERISTICS 产品介绍及特性

INTRODUCTION	产品介绍
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◆ These revolutionary, highly reliable wire wound power chip inductors for automatic mounting have been developed in response to the trend toward high density in electronic equipment. The basic function of wire wound chip inductors is filtering, oscillation, delay, trap, etc. Magnetic Fresin shielded construction reduces buzz noise to ultraFlow levels.

◆ 为了适应电子设备渐趋高密集的集成方式，我们开发了高可靠性的绕线功率电感。绕线电感基本作用是滤波、振荡、延迟、陷波等。磁性胶水涂敷结构极大减少了蜂鸣声。

CHARACTERISTICS	特性
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- ◆ Various high power inductors are superior to be high saturation
- ◆ Excellent solderability and high heat resistance for reflow soldering or wave soldering
- ◆ Various high power surface mountable type inductors are superior to high saturation
- ◆ Magnetic Fresin shielded construction reduces buzz noise to ultraFlow levels

- ◆ 大功率，高饱和电流，低阻抗
- ◆ 良好的焊接性，适合于回流焊或波峰焊
- ◆ 多种尺寸适合表面高密度贴装
- ◆ 磁性胶水涂敷结构极大减少了蜂鸣声

APPLICATIONS	应用产品
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- ◆ LCD television
- ◆ Next generation mobile devices with multifunction such as mobile TV and digital movie cameras
- ◆ Portable gaming devices, personal navigation systems, personal multimedia devices

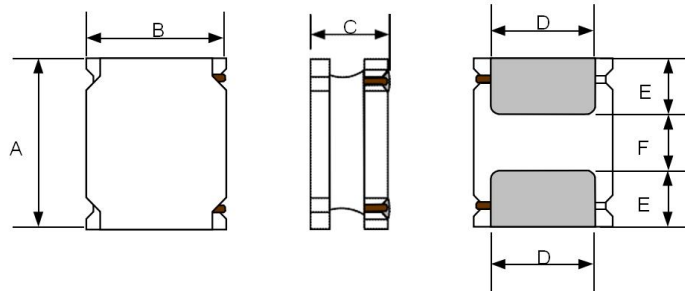
- ◆ LCD 电视
- ◆ 下一代多功能移动设备，例如移动电视和数字电影摄影机
- ◆ 便携式游戏机，个人导航系统，多媒体

PRODUCT IDENTIFICATION 产品型号

PWPI 3012 F 2R2 N T
 ① ② ③ ④ ⑤ ⑥

①Product Series Code 产品系列码	PWPI	Wire Wound Power Chip Inductor 绕线式功率电感
②Size Code 尺寸码	3012	长×宽×厚 (L×W×H) (mm) 3.0×3.0×1.2
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



Unit:mm

TYPE	A	B	C(Max.)	D	E	F
PWPI201610	2.0±0.2	1.6±0.2	1.0	1.2±0.2	0.60±0.2	0.80±0.2
PWPI202012	2.0±0.1	2.0±0.1	1.2	1.5±0.2	0.60±0.2	0.80±0.2
PWPI252010	2.5±0.1	2.0±0.1	1.0	1.5±0.2	0.80±0.2	0.80±0.2
PWPI252012	2.5±0.1	2.0±0.1	1.2	1.5±0.2	0.80±0.2	0.80±0.2
PWPI3010	3.0±0.2	3.0±0.2	1.0	2.5±0.2	0.75±0.2	1.5±0.2
PWPI3012	3.0±0.2	3.0±0.2	1.2	2.5±0.2	0.75±0.2	1.5±0.2
PWPI3015	3.0±0.2	3.0±0.2	1.5	2.5±0.2	0.75±0.2	1.5±0.2
PWPI4010	4.0±0.2	4.0±0.2	1.0	3.3±0.2	0.95±0.2	2.1±0.2
PWPI4012	4.0±0.2	4.0±0.2	1.2	3.3±0.2	0.95±0.2	2.1±0.2
PWPI4018	4.0±0.2	4.0±0.2	1.8	3.3±0.2	0.95±0.2	2.1±0.2
PWPI4020	4.0±0.2	4.0±0.2	2.0	3.3±0.2	0.95±0.2	2.1±0.2
PWPI4026	4.0±0.2	4.0±0.2	2.6	3.3±0.2	0.95±0.2	2.1±0.2
PWPI4030	4.0±0.2	4.0±0.2	3.0	3.3±0.2	0.95±0.2	2.1±0.2
PWPI5012	5.0±0.2	5.0±0.2	1.2	4.0±0.2	1.25±0.2	2.5±0.2
PWPI5020	5.0±0.2	5.0±0.2	2.0	4.0±0.2	1.25±0.2	2.5±0.2
PWPI5040	5.0±0.2	5.0±0.2	4.0	4.0±0.2	1.25±0.2	2.5±0.2
PWPI6020	6.0±0.3	6.0±0.3	2.0	4.9±0.3	1.55±0.2	2.9±0.3
PWPI6028	6.0±0.3	6.0±0.3	2.8	4.9±0.3	1.55±0.2	2.9±0.3
PWPI6040	6.0±0.3	6.0±0.3	4.0	4.9±0.3	1.55±0.2	2.9±0.3

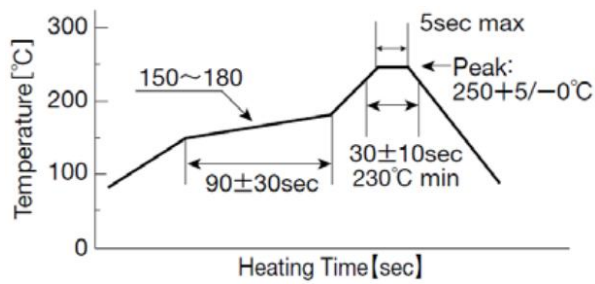
PWPI6045	6.0±0.3	6.0±0.3	4.5	4.9±0.3	1.55±0.2	2.9±0.3
PWPI8040	8.0±0.3	8.0±0.3	4.2	6.3±0.3	2.00±0.3	4.0±0.3
PWPI8050	8.0±0.3	8.0±0.3	5.0	6.3±0.3	2.00±0.3	4.0±0.3
PWPI8060	8.0±0.3	8.0±0.3	6.0	6.3±0.3	2.00±0.3	4.0±0.3
PWPI8065	8.0±0.3	8.0±0.3	6.5	6.3±0.3	2.00±0.3	4.0±0.3

STORAGE AND OPERATING CONDITIONS 儲存及操作条件

Operating Temperature Range	-40℃~+125℃
Storage Temperature and Humidity Range	-10℃~+40℃, 70%RH max.

RECOMMENDED SOLDERING CONDITION 建议焊锡方式

REFLOW SOLDERING 回流焊



If products are used beyond the range of the recommended conditions, heat stresses may deform the products, and consequently degrade the reliability of the products.

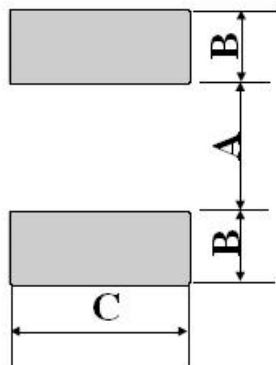
◆CLEANING

Note:

Washing by supersonic waves shall be avoided for PWPI series.

If washed by supersonic waves, the products might be broken.

RECOMMENDED LAND PATTERN 推荐的焊盘尺寸

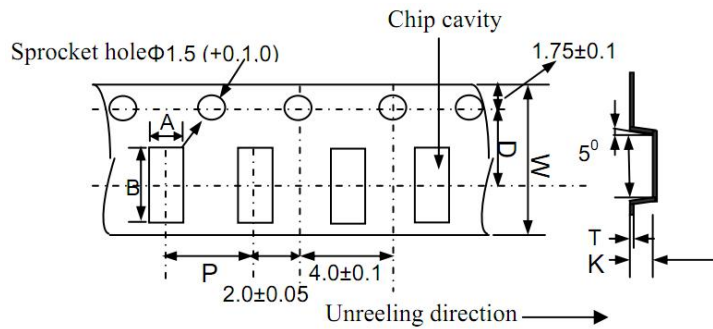


TYPE	A (mm)	B (mm)	C (mm)
PWPI201610	0.7	0.7	1.7
PWPI202012	0.65	0.7	2.0
PWPI252010	0.8	0.85	2.0
PWPI252012	0.8	0.85	2.0
PWPI3010	1.5	0.8	2.7
PWPI3012	1.5	0.8	2.7
PWPI3015	1.5	0.8	2.7
PWPI4010	1.9	1.1	3.7
PWPI4012	1.9	1.1	3.7
PWPI4018	1.9	1.1	3.7
PWPI4020	1.9	1.1	3.7

PWPI4026	1.9	1.1	3.7
PWPI4030	1.9	1.1	3.7
PWPI5012	2.3	1.4	4.2
PWPI5020	2.3	1.4	4.2
PWPI5040	2.4	1.4	4.2
PWPI6020	2.8	1.7	5.7
PWPI6028	2.8	1.7	5.7
PWPI6040	2.8	1.7	5.7
PWPI6045	2.8	1.7	5.7
PWPI8040	3.8	2.2	7.5
PWPI8050	3.8	2.2	7.5
PWPI8060	3.8	2.2	7.5
PWPI8065	3.8	2.2	7.5

PACKING STANDARD 包装标准

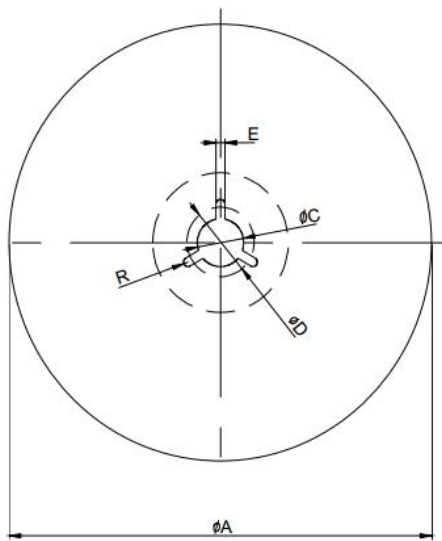
◆ Embossed Tape(8mm , 12mm , 16mm and 24wide)



Type	Chip Thickness	W	A	B	D	P	K max.	T max.	Quantity (pcs/reel)
	(mm)								ø178mm
PWPI201610	1.00	8.0	1.90	2.20	3.50	4.0	1.20	0.25	2000
PWPI202012	1.20	8.0	2.35	2.35	3.50	4.0	1.40	0.25	2000
PWPI252010	1.00	8.0	2.35	2.65	3.50	4.0	1.20	0.25	2000
PWPI252012	1.20	8.0	2.35	2.65	3.50	4.0	1.40	0.25	2000
PWPI3010	1.00	8.0	3.30	3.30	3.50	4.0	1.40	0.25	2000
PWPI3012	1.20	8.0	3.30	3.30	3.50	4.0	1.60	0.25	2000
PWPI3015	1.50	8.0	3.30	3.30	3.50	4.0	1.90	0.25	2000
Type	Chip Thickness	W	A	B	D	P	K max.	T max.	Quantity (pcs/reel)
	(mm)								Ø330mm
PWPI4010	1.00	12.0	4.30	4.30	5.50	8.0	1.40	0.35	5000
PWPI4012	1.20	12.0	4.30	4.30	5.50	8.0	1.40	0.35	4500
PWPI4018	1.80	12.0	4.30	4.30	5.50	8.0	2.10	0.35	3000
PWPI4020	2.00	12.0	4.30	4.30	5.50	8.0	2.40	0.35	3000
PWPI4026	2.60	12.0	4.30	4.30	5.50	8.0	2.80	0.35	2500
PWPI4030	3.00	12.0	4.30	4.30	5.50	8.0	3.20	0.35	2000
PWPI5012	1.20	12.0	5.30	5.30	5.50	8.0	1.40	0.35	4500

PWPI5020	2.00	12.0	5.30	5.30	5.50	8.0	2.20	0.35	2500
PWPI5040	4.00	12.0	5.30	5.30	5.50	8.0	4.20	0.40	1500
PWPI6020	2.00	16.0	6.40	6.40	7.50	8.0	2.50	0.40	2500
PWPI6028	2.80	16.0	6.40	6.40	7.50	8.0	3.30	0.40	2000
PWPI6040	4.00	16.0	6.40	6.40	7.50	8.0	4.70	0.40	1500
PWPI6045	4.50	16.0	6.20	6.25	7.50	8.0	4.70	0.40	1500
PWPI8040	4.00	16.0	8.35	8.35	7.50	12.0	4.50	0.40	1000
PWPI8050	5.00	16.0	8.30	8.30	7.50	12.0	5.20	0.50	1000
PWPI8060	6.00	16.0	8.30	8.30	7.50	12.0	6.20	0.50	1000
PWPI8065	6.50	16.0	8.30	8.30	7.50	12.0	6.70	0.50	1000

◆ 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****PWPI 201610 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		Saturation Current 饱和电流 Isat		Heat Rating Current 温升电流 Irms	
--	--	--	Max.	Typ.	Max.	Typ.	Max.	Typ.
Unis 单位	uH	KHz/V	Ω		mA	mA	mA	mA
PWPI201610FR16MT	0.16	100/1	0.031	0.026	4300	4800	3200	3500
PWPI201610FR24MT	0.24	100/1	0.040	0.033	3700	4100	2900	3200
PWPI201610FR33MT	0.33	100/1	0.040	0.033	2500	3100	2900	3200
PWPI201610FR47MT	0.47	100/1	0.059	0.049	2300	2850	2350	2600
PWPI201610FR68MT	0.68	100/1	0.076	0.063	1950	2450	2050	2250
PWPI201610F1R0MT	1.0	100/1	0.114	0.095	1650	1850	1450	1600
PWPI201610F1R5MT	1.5	100/1	0.174	0.145	1350	1650	1250	1400
PWPI201610F2R2MT	2.2	100/1	0.264	0.220	1200	1450	1100	1200
PWPI201610F3R3MT	3.3	100/1	0.335	0.279	900	1050	880	980
PWPI201610F4R7MT	4.7	100/1	0.479	0.399	700	850	740	820
PWPI201610F6R8MT	6.8	100/1	0.816	0.680	600	700	520	580
PWPI201610F100MT	10	100/1	1.020	0.850	500	550	450	500

PWPI 202012 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		Saturation Current 饱和电流 Isat		Heat Rating Current 温升电流 Irms	
--	--	--	Max.	Typ.	Max.	Typ.	Max.	Typ.
Unis 单位	uH	KHz/V	Ω		mA	mA	mA	mA
PWPI202012FR16MT	0.16	100/1	0.031	0.026	5200	5800	2500	2750
PWPI202012FR24MT	0.24	100/1	0.042	0.035	4700	5200	2200	2400
PWPI202012FR33MT	0.33	100/1	0.042	0.035	3500	4000	2200	2400
PWPI202012FR47MT	0.47	100/1	0.050	0.042	3550	3750	2000	2200
PWPI202012FR68MT	0.68	100/1	0.060	0.050	2950	3100	1800	2000
PWPI202012F1R0MT	1.0	100/1	0.088	0.073	2700	2850	1500	1650
PWPI202012F1R5MT	1.5	100/1	0.112	0.093	2000	2200	1300	1450
PWPI202012F2R2MT	2.2	100/1	0.127	0.106	1400	1650	1200	1350
PWPI202012F3R3MT	3.3	100/1	0.276	0.230	1200	1350	850	950
PWPI202012F4R7MT	4.7	100/1	0.294	0.245	970	1100	820	900
PWPI202012F6R8MT	6.8	100/1	0.479	0.399	820	920	640	700
PWPI202012F100MT	10	100/1	0.785	0.654	720	820	490	540
PWPI202012F150MT	15	100/1	1.368	1.140	550	650	380	420
PWPI202012F180MT	18	100/1	1.680	1.400	600	680	350	380
PWPI202012F220MT	22	100/1	1.680	1.400	400	500	350	380
PWPI202012F330MT	33	100/1	2.160	1.800	350	400	300	330

**SPECIFICATIONS 规格特性****PWPI 252010 TYPE**

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试 频率	Self-resonant Freq 共振频率 S.R.F	DC Resistance 直流电阻 RDC		Saturation Current 饱和电流 Isat		Heat Rating Current 温升电流 Irms	
				Max.	Typ.	Max.	Typ.	Max.	Typ.
--	--	--	Min.						
Unis 单位	uH	KHz/V	MHz	Ω		mA	mA	mA	mA
PWPI252010FR47NT	0.47	100/1	206	0.056	0.047	2500	3350	2350	2560
PWPI252010FR56NT	0.56	100/1	160	0.072	0.060	2900	3200	2000	2180
PWPI252010FR68NT	0.68	100/1	129	0.074	0.062	2200	2750	2000	2180
PWPI252010F1R0NT	1.0	100/1	100	0.108	0.090	1850	2200	1650	1800
PWPI252010F1R5NT	1.5	100/1	81	0.182	0.152	1800	2100	1300	1420
PWPI252010F2R2NT	2.2	100/1	61	0.209	0.174	1200	1600	1200	1310
PWPI252010F3R3MT	3.3	100/1	47	0.328	0.273	1050	1300	900	980
PWPI252010F4R7MT	4.7	100/1	42	0.563	0.469	950	1150	700	760
PWPI252010F5R6MT	5.6	100/1	35	0.563	0.469	800	950	730	800
PWPI252010F6R8MT	6.8	100/1	31	0.896	0.747	780	920	590	640
PWPI252010F100MT	10	100/1	27	1.092	0.910	650	780	500	550

PWPI 252012 TYPE

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试 频率	Self-resonant Freq 共振频率 S.R.F	DC Resistance 直流电阻 RDC		Saturation Current 饱和电流 Isat		Heat Rating Current 温升电流 Irms	
				Max.	Typ.	Max.	Typ.	Max.	Typ.
--	--	--	Min.						
Unis 单位	uH	KHz/V	MHz	Ω		mA	mA	mA	mA
PWPI252012FR47NT	0.47	100/1	160	0.061	0.047	3820	4270	2150	2340
PWPI252012FR68NT	0.68	100/1	140	0.074	0.057	3280	3680	1950	2130
PWPI252012F1R0NT	1.0	100/1	110	0.090	0.069	2590	2900	1930	2100
PWPI252012F1R2NT	1.2	100/1	100	0.129	0.099	2380	2670	1460	1590
PWPI252012F1R5MT	1.5	100/1	97	0.147	0.113	2240	2510	1400	1530
PWPI252012F2R2MT	2.2	100/1	69	0.216	0.166	1850	2070	1150	1250
PWPI252012F2R7MT	2.7	100/1	63	0.239	0.184	1720	1920	1090	1190
PWPI252012F3R3MT	3.3	100/1	62	0.264	0.203	1610	1800	1040	1130
PWPI252012F3R6MT	3.6	100/1	53	0.348	0.268	1460	1640	900	980
PWPI252012F4R3MT	4.3	100/1	51	0.377	0.290	1370	1530	870	950
PWPI252012F4R7MT	4.7	100/1	47	0.377	0.290	1120	1250	840	920
PWPI252012F5R1MT	5.1	100/1	44	0.500	0.385	1230	1370	750	820
PWPI252012F5R6MT	5.6	100/1	38	0.538	0.414	1110	1250	730	800
PWPI252012F6R2MT	6.2	100/1	38	0.542	0.417	1030	1160	730	800
PWPI252012F6R8MT	6.8	100/1	38	0.581	0.447	980	1090	690	750
PWPI252012F7R5MT	7.5	100/1	35	0.611	0.470	970	1090	680	740
PWPI252012F8R2MT	8.2	100/1	36	0.658	0.506	980	1100	650	710
PWPI252012F9R1MT	9.1	100/1	34	0.690	0.531	910	1020	620	680



PWPI252012F100MT	10	100/1	34	0.690	0.531	790	880	620	680
PWPI252012F120MT	12	100/1	28	1.075	0.827	780	880	510	560
PWPI252012F150MT	15	100/1	25	1.591	1.224	680	770	420	460
PWPI252012F220MT	22	100/1	20	1.976	1.520	530	590	380	410

SPECIFICATIONS 规格特性**PWPI 3010 TYPE**

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试 频率	Self-resonant Freq 共振频率 S.R.F	DC Resistance 直流电阻 RDC		Saturation Current 饱和电流 Isat		Heat Rating Current 温升电流 Irms	
				Max.	Typ.	Max.	Typ.	Max.	Typ.
--	--	--	Min.						
Unis 单位	uH	KHz/V	MHz	Ω		mA	mA	mA	mA
PWPI3010F1R0NT	1.0	100/1	180	0.085	0.065	1400	2100	1450	1800
PWPI3010F1R2NT	1.2	100/1	137	0.085	0.065	1250	1700	1450	1800
PWPI3010F1R5NT	1.5	100/1	120	0.104	0.080	1270	1700	1300	1600
PWPI3010F2R2NT	2.2	100/1	100	0.143	0.110	1150	1500	1090	1400
PWPI3010F2R7NT	2.7	100/1	90	0.269	0.130	1000	1200	1020	1400
PWPI3010F3R3NT	3.3	100/1	74	0.189	0.145	970	1200	960	1200
PWPI3010F3R6MT	3.6	100/1	67	0.215	0.165	950	1200	900	1100
PWPI3010F4R7MT	4.7	100/1	59	0.293	0.225	750	1050	770	1100
PWPI3010F5R6MT	5.6	100/1	40	0.322	0.248	580	650	700	1050
PWPI3010F6R8MT	6.8	100/1	42	0.397	0.305	550	720	660	960
PWPI3010F8R2MT	8.2	100/1	23	0.520	0.400	550	700	580	700
PWPI3010F100MT	10	100/1	39	0.520	0.400	550	750	580	700
PWPI3010F120MT	12	100/1	36	0.657	0.505	430	650	520	670
PWPI3010F150MT	15	100/1	30	0.793	0.610	420	570	470	570
PWPI3010F220MT	22	100/1	28	1.209	0.930	350	480	380	520
PWPI3010F270MT	27	100/1	25	1.404	1.080	300	450	350	500
PWPI3010F330MT	33	100/1	18	2.015	1.550	290	420	300	550
PWPI3010F390MT	39	100/1	18	2.275	1.750	280	380	280	530
PWPI3010F430MT	43	100/1	18	2.340	1.800	230	360	270	520
PWPI3010F470MT	47	100/1	18	2.535	1.950	220	350	260	520
PWPI3010F510MT	51	100/1	18	2.860	2.200	210	330	250	480
PWPI3010F560MT	56	100/1	16	3.016	2.320	210	280	240	350

PWPI 3012 TYPE

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试 频率	Self-resonant Freq 共振频率 S.R.F	DC Resistance 直流电阻 RDC		Saturation Current 饱和电流 Isat		Heat Rating Current 温升电流 Irms	
				Max.	Typ.	Max.	Typ.	Max.	Typ.
--	--	--	Min.						
Unis 单位	uH	KHz/V	MHz	Ω		mA	mA	mA	mA
PWPI3012FR22NT	0.22	100/1	321	0.022	0.017	5300	6000	3000	3300
PWPI3012FR82NT	0.82	100/1	180	0.039	0.030	2050	2800	2470	3000
PWPI3012F1R0NT	1.0	100/1	120	0.052	0.040	1870	2800	2200	2700



PWPI3012F1R2NT	1.2	100/1	120	0.059	0.045	2220	2500	2010	2200
PWPI3012F1R5NT	1.5	100/1	110	0.059	0.045	1620	1900	2010	2200
PWPI3012F1R8NT	1.8	100/1	90	0.082	0.063	1300	1900	1650	1800
PWPI3012F2R2NT	2.2	100/1	84	0.098	0.075	1200	1900	1550	1700
PWPI3012F2R4NT	2.4	100/1	100	0.088	0.068	1150	1500	1600	1700
PWPI3012F2R7NT	2.7	100/1	65	0.110	0.085	1140	1500	1480	1500
PWPI3012F3R3MT	3.3	100/1	64	0.130	0.100	1050	1500	1360	1400
PWPI3012F3R6MT	3.6	100/1	36	0.130	0.100	1050	1500	1360	1400
PWPI3012F3R9MT	3.9	100/1	61	0.189	0.145	1000	1300	1240	1300
PWPI3012F4R7MT	4.7	100/1	61	0.156	0.120	900	1000	1240	1300
PWPI3012F5R6MT	5.6	100/1	61	0.226	0.174	800	1100	1130	1240
PWPI3012F6R8MT	6.8	100/1	61	0.247	0.190	750	900	980	1100
PWPI3012F100MT	10	100/1	42	0.345	0.265	600	880	830	900
PWPI3012F120MT	12	100/1	32	0.449	0.345	480	670	730	840
PWPI3012F150MT	15	100/1	27	0.468	0.360	450	620	710	770
PWPI3012F180MT	18	100/1	25	0.709	0.545	430	590	580	650
PWPI3012F220MT	22	100/1	23	0.839	0.645	420	520	530	590
PWPI3012F270MT	27	100/1	21	1.131	0.870	350	480	470	510
PWPI3012F330MT	33	100/1	18	1.138	0.875	360	460	460	500
PWPI3012F360MT	36	100/1	18	1.235	0.950	340	440	440	480
PWPI3012F390MT	39	100/1	18	1.729	1.330	300	390	370	410
PWPI3012F470MT	47	100/1	14	1.885	1.450	270	350	350	400
PWPI3012F560MT	56	100/1	9	1.794	1.380	260	330	280	400
PWPI3012F680MT	68	100/1	7	2.171	1.670	240	290	330	370
PWPI3012F820MT	82	100/1	7	3.302	2.540	170	270	270	310
PWPI3012F101MT	100	100/1	5	3.718	2.860	210	230	250	290

SPECIFICATIONS 规格特性**PWPI 3015 TYPE**

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试 频率	Self-resonant Freq 共振频率 S.R.F	DC Resistance 直流电阻 RDC		Saturation Current 饱和电流 Isat		Heat Rating Current 温升电流 Irms	
				Max.	Typ.	Max.	Typ.	Max.	Typ.
--	--	--	Min.	Max.	Typ.	Max.	Typ.	Max.	Typ.
Unis 单位	uH	KHz/V	MHz	Ω		mA	mA	mA	mA
PWPI3015FR50NT	0.5	100/1	162	0.039	0.030	3900	4200	2600	2800
PWPI3015F1R0NT	1.0	100/1	150	0.039	0.030	2320	2800	2350	2500
PWPI3015F1R2NT	1.2	100/1	110	0.052	0.040	2210	3100	1950	2300
PWPI3015F1R5NT	1.5	100/1	100	0.065	0.050	2300	2700	1700	2200
PWPI3015F1R8NT	1.8	100/1	92	0.065	0.050	1750	2200	1700	2200
PWPI3015F2R2NT	2.2	100/1	86	0.078	0.060	1600	2000	1600	2000
PWPI3015F2R7NT	2.7	100/1	64	0.098	0.075	1520	1900	1430	1900
PWPI3015F3R3MT	3.3	100/1	68	0.104	0.080	1320	1810	1360	1600
PWPI3015F3R6MT	3.6	100/1	59	0.137	0.105	1280	1600	1200	1500
PWPI3015F3R9MT	3.9	100/1	47	0.137	0.105	1200	1400	1200	1500
PWPI3015F4R3MT	4.3	100/1	53	0.150	0.115	1200	1400	1140	1300



PWPI3015F4R7MT	4.7	100/1	46	0.163	0.125	1100	1400	1090	1300
PWPI3015F5R1MT	5.1	100/1	49	0.173	0.133	1000	1200	1050	1200
PWPI3015F6R2MT	6.2	100/1	46	0.254	0.195	1000	1200	860	1000
PWPI3015F6R8MT	6.8	100/1	39	0.260	0.200	850	1100	850	1100
PWPI3015F100MT	10	100/1	41	0.325	0.250	720	920	770	900
PWPI3015F120MT	12	100/1	32	0.416	0.320	700	900	680	890
PWPI3015F150MT	15	100/1	30	0.455	0.350	660	880	650	720
PWPI3015F180MT	18	100/1	23	0.559	0.430	560	720	590	720
PWPI3015F220MT	22	100/1	23	0.598	0.460	520	680	570	690
PWPI3015F270MT	27	100/1	22	0.949	0.730	480	560	450	560
PWPI3015F330MT	33	100/1	20	1.066	0.820	440	530	430	510
PWPI3015F390MT	39	100/1	14	1.294	0.995	410	550	390	440
PWPI3015F430MT	43	100/1	16	1.378	1.060	370	430	370	480
PWPI3015F470MT	47	100/1	14	1.625	1.250	350	430	350	440
PWPI3015F560MT	56	100/1	13	1.664	1.280	330	420	340	410
PWPI3015F620MT	62	100/1	13	2.093	1.610	300	400	300	410
PWPI3015F680MT	68	100/1	11	3.510	2.700	280	370	230	310
PWPI3015F101MT	100	100/1	6.3	4.043	3.110	230	250	210	250
PWPI3015F151MT	150	100/1	4.7	4.940	3.800	180	220	190	230

SPECIFICATIONS 规格特性**PWPI 4010 TYPE**

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试 频率	Self-resonant Freq 共振频率 S.R.F	DC Resistance 直流电阻 RDC		Saturation Current 饱和电流 Isat		Heat Rating Current 温升电流 Irms	
				Max.	Typ.	Max.	Typ.	Max.	Typ.
--	--	--	Min.	Ω		mA	mA	mA	mA
Unis 单位	μ H	KHz/V	MHz	Ω		mA	mA	mA	mA
PWPI4010F1R0NT	1.0	100/1	116	0.067	0.056	2000	2300	1900	2400
PWPI4010F1R5NT	1.5	100/1	94	0.084	0.070	1680	2000	1700	2000
PWPI4010F2R2MT	2.2	100/1	73	0.102	0.085	1200	1500	1500	2000
PWPI4010F3R3MT	3.3	100/1	58	0.120	0.100	1100	1400	1400	1800
PWPI4010F4R7MT	4.7	100/1	47	0.168	0.140	950	1100	1200	1500
PWPI4010F6R8MT	6.8	100/1	38	0.240	0.200	800	950	1000	1200
PWPI4010F100MT	10	100/1	31	0.360	0.300	620	750	750	1000
PWPI4010F150MT	15	100/1	24	0.516	0.430	540	610	600	850
PWPI4010F220MT	22	100/1	19	0.684	0.570	450	520	500	750

PWPI 4012 TYPE

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试 频率	Self-resonant Freq 共振频率 S.R.F	DC Resistance 直流电阻 RDC		Saturation Current 饱和电流 Isat		Heat Rating Current 温升电流 Irms	
				Max.	Typ.	Max.	Typ.	Max.	Typ.
--	--	--	Min.	Ω		mA	mA	mA	mA
Unis 单位	μ H	KHz/V	MHz	Ω		mA	mA	mA	mA
PWPI4012FR82NT	0.82	100/1	150	0.065	0.050	3020	3300	1650	2500



PWPI4012F1R0NT	1.0	100/1	120	0.065	0.050	2610	3200	1650	2500
PWPI4012F1R5NT	1.5	100/1	90	0.085	0.065	2100	2700	1460	2200
PWPI4012F1R8NT	1.8	100/1	88	0.104	0.080	2120	2600	1320	1900
PWPI4012F2R2NT	2.2	100/1	74	0.104	0.080	1760	2300	1320	1900
PWPI4012F2R7NT	2.7	100/1	71	0.117	0.090	1900	2300	1250	1700
PWPI4012F3R3NT	3.3	100/1	60	0.143	0.110	1720	2100	1120	1600
PWPI4012F3R6NT	3.6	100/1	57	0.143	0.110	1200	1700	1120	1600
PWPI4012F4R3NT	4.3	100/1	54	0.182	0.140	1580	1700	1000	1500
PWPI4012F4R7NT	4.7	100/1	50	0.163	0.125	1150	1800	1050	1500
PWPI4012F5R1NT	5.1	100/1	50	0.201	0.155	1550	1600	950	1500
PWPI4012F5R6NT	5.6	100/1	42	0.182	0.140	1000	1600	1000	1200
PWPI4012F6R8MT	6.8	100/1	40	0.257	0.198	850	1400	840	1200
PWPI4012F100MT	10	100/1	33	0.345	0.265	800	1100	770	1000
PWPI4012F120MT	12	100/1	32	0.377	0.290	660	1000	700	950
PWPI4012F150MT	15	100/1	25	0.442	0.340	560	800	640	850
PWPI4012F180MT	18	100/1	23	0.611	0.470	550	750	550	800
PWPI4012F220MT	22	100/1	20	0.763	0.587	460	700	490	750
PWPI4012F270MT	27	100/1	18	0.936	0.720	500	700	450	600
PWPI4012F330MT	33	100/1	17	1.053	0.810	420	600	420	580
PWPI4012F360MT	36	100/1	14	1.170	0.900	400	500	400	560
PWPI4012F390MT	39	100/1	16	1.430	1.100	550	660	370	500
PWPI4012F470MT	47	100/1	12	1.430	1.100	350	500	370	500
PWPI4012F560MT	56	100/1	11	1.625	1.250	330	450	330	460
PWPI4012F680MT	68	100/1	11	2.535	1.950	380	450	270	450
PWPI4012F820MT	82	100/1	11	2.782	2.140	280	400	260	360
PWPI4012F101MT	100	100/1	9.4	2.873	2.210	250	300	250	350

SPECIFICATIONS 规格特性**PWPI 4018 TYPE**

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试 频率	Self-resonant Freq 共振频率 S.R.F	DC Resistance 直流电阻 RDC		Saturation Current 饱和电流 Isat		Heat Rating Current 温升电流 Irms	
				Max.	Typ.	Max.	Typ.	Max.	Typ.
--	--	--	Min.						
Unis 单位	uH	KHz/V	MHz	Ω		mA	mA	mA	mA
PWPI4018FR47NT	0.47	100/1	155	0.018	0.014	4300	5200	4000	4500
PWPI4018FR68NT	0.68	100/1	128	0.026	0.020	4900	5600	3300	3800
PWPI4018F1R0NT	1.0	100/1	80	0.033	0.025	4800	5200	2000	3300
PWPI4018F1R5NT	1.5	100/1	65	0.039	0.030	3350	4000	1800	3200
PWPI4018F1R8NT	1.8	100/1	54	0.044	0.034	3000	3400	2000	2800
PWPI4018F2R2MT	2.2	100/1	52	0.059	0.045	2700	3200	1650	2600
PWPI4018F3R3MT	3.3	100/1	44	0.091	0.070	2450	2900	1230	2100
PWPI4018F4R7MT	4.7	100/1	34	0.117	0.090	1700	2200	1200	1800
PWPI4018F6R8MT	6.8	100/1	29	0.143	0.110	1450	2000	1060	1500
PWPI4018F100MT	10	100/1	24	0.234	0.180	1300	1600	840	1200
PWPI4018F150MT	15	100/1	19	0.325	0.250	940	1100	650	1000



PWPI4018F220MT	22	100/1	16	0.468	0.360	800	880	590	850
PWPI4018F270MT	27	100/1	27	0.611	0.470	470	620	520	900
PWPI4018F330MT	33	100/1	12	0.689	0.530	560	750	490	720
PWPI4018F470MT	47	100/1	10	0.845	0.650	570	700	420	650
PWPI4018F680MT	68	100/1	8.3	1.300	1.000	470	510	320	520
PWPI4018F101MT	100	100/1	6.5	2.275	1.750	400	440	250	410
PWPI4018F151MT	150	100/1	5.5	3.250	2.500	310	340	220	360
PWPI4018F221MT	220	100/1	4.0	5.200	4.000	270	300	170	270

SPECIFICATIONS 规格特性**PWPI 4020 TYPE**

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试 频率	Self-resonant Freq 共振频率 S.R.F	DC Resistance 直流电阻 RDC		Saturation Current 饱和电流 Isat		Heat Rating Current 温升电流 Irms	
				Max.	Typ.	Max.	Typ.	Max.	Typ.
--	--	--	Min.						
Unis 单位	uH	KHz/V	MHz	Ω		mA	mA	mA	mA
PWPI4020FR24MT	0.24	100/1	283	0.014	0.011	10500	12500	4500	5200
PWPI4020FR33NT	0.33	100/1	233	0.016	0.013	7500	8500	3300	4900
PWPI4020FR47NT	0.47	100/1	160	0.029	0.022	7000	7500	2800	3700
PWPI4020FR68NT	0.68	100/1	120	0.036	0.028	6400	6600	2150	3300
PWPI4020F1R0NT	1.0	100/1	75	0.038	0.029	4780	5200	2150	3200
PWPI4020F1R2NT	1.2	100/1	72	0.038	0.029	5100	5600	2150	3200
PWPI4020F1R5NT	1.5	100/1	71	0.046	0.035	4450	4900	1980	3000
PWPI4020F2R2NT	2.2	100/1	49	0.052	0.040	3400	3700	1850	2800
PWPI4020F3R3MT	3.3	100/1	44	0.091	0.070	3200	3500	1400	2500
PWPI4020F3R6MT	3.6	100/1	49	0.072	0.055	2800	3000	1540	2500
PWPI4020F4R7MT	4.7	100/1	42	0.098	0.075	2350	2500	1340	2000
PWPI4020F5R1MT	5.1	100/1	42	0.111	0.085	2300	2500	1270	1800
PWPI4020F5R6MT	5.6	100/1	30	0.117	0.090	2200	2400	1220	1800
PWPI4020F6R2MT	6.2	100/1	36	0.150	0.115	2150	2300	1080	1600
PWPI4020F6R8MT	6.8	100/1	33	0.163	0.125	2200	2400	1040	1600
PWPI4020F7R5MT	7.5	100/1	30	0.150	0.115	1850	2000	1080	1500
PWPI4020F8R2MT	8.2	100/1	27	0.163	0.125	1750	1900	1040	1400
PWPI4020F100MT	10	100/1	26	0.215	0.165	1600	1700	900	1200
PWPI4020F120MT	12	100/1	26	0.228	0.175	1500	1600	880	1200
PWPI4020F150MT	15	100/1	24	0.299	0.230	1350	1500	770	1100
PWPI4020F220MT	22	100/1	15	0.455	0.350	1050	1100	620	870
PWPI4020F270MT	27	100/1	14	0.709	0.545	1020	1100	500	700
PWPI4020F330MT	33	100/1	11	0.715	0.550	850	930	490	680
PWPI4020F390MT	39	100/1	11	0.845	0.650	820	900	460	640
PWPI4020F430MT	43	100/1	10	0.858	0.660	770	850	450	630
PWPI4020F470MT	47	100/1	10	0.923	0.710	740	810	440	610
PWPI4020F510MT	51	100/1	10	0.975	0.750	700	770	420	590
PWPI4020F560MT	56	100/1	10	1.040	0.800	660	720	410	570
PWPI4020F620MT	62	100/1	9.6	1.170	0.900	650	710	390	520



PWPI4020F680MT	68	100/1	7.7	1.380	1.060	610	670	360	500
PWPI4020F750MT	75	100/1	7.7	1.510	1.160	700	770	350	490
PWPI4020F820MT	82	100/1	7.2	1.520	1.170	500	550	340	470
PWPI4020F101MT	100	100/1	6.3	2.020	1.550	480	530	310	430

SPECIFICATIONS 规格特性**PWPI 4026 TYPE**

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试 频率	Self-resonant Freq 共振频率 S.R.F	DC Resistance 直流电阻 RDC		Saturation Current 饱和电流 Isat		Heat Rating Current 温升电流 Irms	
--	--	--	Min.	Max.	Typ.	Max.	Typ.	Max.	Typ.
Unis 单位	uH	KHz/V	MHz	Ω		mA	mA	mA	mA
PWPI4026F1R0NT	1.0	100/1	151	0.031	0.024	3300	3800	3000	3300
PWPI4026F1R2NT	1.2	100/1	120	0.039	0.030	3100	3400	2300	3300
PWPI4026F1R5NT	1.5	100/1	100	0.039	0.030	2400	2900	2300	3100
PWPI4026F2R2MT	2.2	100/1	96	0.052	0.040	2100	2400	2000	2800
PWPI4026F3R3MT	3.3	100/1	58	0.065	0.050	1800	2000	1700	2500
PWPI4026F4R7MT	4.7	100/1	46	0.072	0.055	1450	1700	1600	2300
PWPI4026F6R8MT	6.8	100/1	33	0.085	0.065	1300	1500	1500	2000
PWPI4026F100MT	10	100/1	26	0.110	0.085	1000	1200	1300	1900
PWPI4026F150MT	15	100/1	19	0.143	0.110	900	1000	1100	1500
PWPI4026F220MT	22	100/1	13	0.214	0.165	600	800	900	1400
PWPI4026F330MT	33	100/1	9	0.351	0.270	550	650	700	1000
PWPI4026F470MT	47	100/1	6	0.390	0.300	400	550	650	900

PWPI 4030 TYPE

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试 频率	Self-resonant Freq 共振频率 S.R.F	DC Resistance 直流电阻 RDC		Saturation Current 饱和电流 Isat		Heat Rating Current 温升电流 Irms	
--	--	--	Min.	Max.	Typ.	Max.	Typ.	Max.	Typ.
Unis 单位	uH	KHz/V	MHz	Ω		mA	mA	mA	mA
PWPI4030FR68NT	0.68	100/1	130	0.013	0.010	6800	8000	4560	5100
PWPI4030FR91NT	0.91	100/1	100	0.017	0.013	6250	6800	4150	4700
PWPI4030F1R0NT	1.0	100/1	70	0.018	0.014	5260	5700	4150	4700
PWPI4030F1R2NT	1.2	100/1	80	0.020	0.015	5800	6300	3820	4200
PWPI4030F1R5NT	1.5	100/1	62	0.026	0.020	4840	5300	3340	3600
PWPI4030F1R8NT	1.8	100/1	60	0.033	0.025	5400	5800	3200	3300
PWPI4030F2R2NT	2.2	100/1	52	0.039	0.030	4900	5800	2950	3200
PWPI4030F3R3MT	3.3	100/1	38	0.052	0.040	3300	3600	2400	2600
PWPI4030F3R6MT	3.6	100/1	37	0.052	0.040	3000	3500	2400	2600
PWPI4030F3R9MT	3.9	100/1	32	0.074	0.057	3000	3300	2100	2300
PWPI4030F4R3MT	4.3	100/1	37	0.072	0.055	2950	3200	2100	2300
PWPI4030F4R7MT	4.7	100/1	31	0.078	0.060	2900	3200	2000	2300
PWPI4030F5R6MT	5.6	100/1	30	0.085	0.065	2600	2800	1950	2100



PWPI4030F6R8MT	6.8	100/1	24	0.117	0.090	2750	3000	1600	1700
PWPI4030F7R5MT	7.5	100/1	26	0.110	0.085	2200	2400	1650	1800
PWPI4030F8R2MT	8.2	100/1	26	0.117	0.090	2100	2300	1600	1700
PWPI4030F100MT	10	100/1	21	0.130	0.100	1950	2400	1500	1600
PWPI4030F120MT	12	100/1	18	0.175	0.135	1700	1800	1300	1400
PWPI4030F150MT	15	100/1	16	0.247	0.190	1650	1800	1110	1200
PWPI4030F180MT	18	100/1	10	0.260	0.200	1400	1500	1100	1200
PWPI4030F220MT	22	100/1	10	0.292	0.225	1300	1400	1000	1200
PWPI4030F270MT	27	100/1	10	0.338	0.260	1150	1350	900	1050
PWPI4030F330MT	33	100/1	10	0.429	0.330	1100	1200	840	920
PWPI4030F360MT	36	100/1	9.8	0.436	0.335	1050	1100	830	910
PWPI4030F390MT	39	100/1	10	0.566	0.435	1030	1100	730	800
PWPI4030F470MT	47	100/1	8.4	0.579	0.445	950	1000	720	800
PWPI4030F510MT	51	100/1	8.4	0.611	0.470	900	1130	700	800
PWPI4030F560MT	56	100/1	8.4	0.722	0.555	850	940	650	710
PWPI4030F620MT	62	100/1	7	0.761	0.585	800	990	630	700
PWPI4030F680MT	68	100/1	7	1.128	0.868	720	800	520	570
PWPI4030F750MT	75	100/1	6.3	1.326	1.020	700	880	480	530
PWPI4030F820MT	82	100/1	5.6	1.378	1.060	660	720	470	520
PWPI4030F910MT	91	100/1	5.6	1.430	1.100	650	710	460	500
PWPI4030F101MT	100	100/1	5.6	1.495	1.150	600	730	450	490
PWPI4030F121MT	120	100/1	5.4	1.755	1.350	550	600	420	460
PWPI4030F151MT	150	100/1	4	2.340	1.800	500	550	300	350
PWPI4030F221MT	220	100/1	4.2	3.250	2.500	400	500	350	400
PWPI4030F331MT	330	100/1	6.8	5.200	4.000	300	400	250	260
PWPI4030F471MT	470	100/1	2	9.360	7.200	300	350	200	230
PWPI4030F501MT	500	100/1	2	9.027	6.944	280	300	150	200
PWPI4030F681MT	680	100/1	1.2	9.854	7.580	190	200	140	180

SPECIFICATIONS 规格特性**PWPI 5012 TYPE**

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试 频率	Self-resonant Freq 共振频率 S.R.F	DC Resistance 直流电阻 RDC		Saturation Current 饱和电流 Isat		Heat Rating Current 温升电流 Irms	
--	--	--	Min.	Max.	Typ.	Max.	Typ.	Max.	Typ.
Unis 单位	uH	KHz/V	MHz	Ω		mA	mA	mA	mA
PWPI5012FR22NT	0.22	100/1	315	0.034	0.028	8100	9300	3000	3300
PWPI5012F1R0NT	1.0	100/1	103	0.068	0.057	4400	4700	2000	2400
PWPI5012F1R5NT	1.5	100/1	68	0.086	0.072	3700	3800	1900	2200
PWPI5012F2R2NT	2.2	100/1	50	0.108	0.090	3100	3200	1700	2000
PWPI5012F3R3NT	3.3	100/1	34	0.151	0.126	2400	2600	1400	1700
PWPI5012F4R7NT	4.7	100/1	31	0.197	0.164	2200	2300	1300	1500
PWPI5012F6R8MT	6.8	100/1	22	0.294	0.245	1700	1900	1000	1200
PWPI5012F100MT	10	100/1	17	0.413	0.344	1400	1500	850	1000
PWPI5012F150MT	15	100/1	13	0.523	0.436	1200	1300	800	920



PWPI5012F220MT	22	100/1	16	0.858	0.780	880	980	600	680
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SPECIFICATIONS 规格特性**PWPI 5020 TYPE**

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试 频率	Self-resonant Freq 共振频率 S.R.F	DC Resistance 直流电阻 RDC		Saturation Current 饱和电流 Isat		Heat Rating Current 温升电流 Irms	
				Max.	Typ.	Max.	Typ.	Max.	Typ.
--	--	--	Min.						
Unis 单位	uH	KHz/V	MHz	Ω		mA	mA	mA	mA
PWPI5020FR22NT	0.22	100/1	280	0.011	0.009	9000	12000	5300	6000
PWPI5020FR24NT	0.24	100/1	248	0.011	0.009	8000	10000	5300	6000
PWPI5020FR47NT	0.47	100/1	160	0.017	0.013	6150	6700	4600	5000
PWPI5020FR56NT	0.56	100/1	137	0.022	0.017	8500	9600	3800	4200
PWPI5020FR68NT	0.68	100/1	120	0.022	0.017	5500	6000	4000	4400
PWPI5020FR75NT	0.75	100/1	117	0.022	0.017	5500	6000	4000	4400
PWPI5020F1R0NT	1.0	100/1	114	0.026	0.020	4100	5000	3800	4100
PWPI5020F1R2NT	1.2	100/1	83	0.029	0.022	4500	4900	3550	3900
PWPI5020F1R5NT	1.5	100/1	68	0.034	0.026	4100	4500	3200	3500
PWPI5020F2R2NT	2.2	100/1	57	0.042	0.032	3200	4000	2900	3100
PWPI5020F2R7NT	2.7	100/1	52	0.049	0.038	2900	3500	2700	2900
PWPI5020F3R0NT	3.0	100/1	49	0.049	0.038	2550	2800	2700	2900
PWPI5020F3R3NT	3.3	100/1	46	0.056	0.043	2550	3000	2500	2700
PWPI5020F3R6NT	3.6	100/1	43	0.056	0.043	2800	3000	2500	2700
PWPI5020F3R9NT	3.9	100/1	40	0.056	0.043	2300	2800	2500	2700
PWPI5020F4R3MT	4.3	100/1	37	0.074	0.057	2500	3000	2200	2400
PWPI5020F4R7MT	4.7	100/1	37	0.074	0.057	2500	2700	2200	2400
PWPI5020F5R1MT	5.1	100/1	32	0.083	0.064	2250	2600	2050	2200
PWPI5020F5R6MT	5.6	100/1	32	0.083	0.064	2300	2500	2050	2200
PWPI5020F6R8MT	6.8	100/1	30	0.108	0.083	2050	2200	1800	1900
PWPI5020F7R5MT	7.5	100/1	26	0.117	0.090	1850	2000	1750	1900
PWPI5020F8R2MT	8.2	100/1	26	0.127	0.098	1850	2000	1650	1800
PWPI5020F9R1MT	9.1	100/1	24	0.143	0.110	1700	1800	1550	1700
PWPI5020F100MT	10	100/1	24	0.143	0.110	1700	1800	1550	1700
PWPI5020F120MT	12	100/1	22	0.182	0.140	1500	1600	1400	1500
PWPI5020F150MT	15	100/1	20	0.215	0.165	1350	1400	1250	1300
PWPI5020F180MT	18	100/1	16	0.260	0.200	1250	1300	1150	1200
PWPI5020F220MT	22	100/1	14	0.294	0.226	1150	1200	1100	1200
PWPI5020F330MT	33	100/1	10	0.507	0.390	920	1000	900	990
PWPI5020F470MT	47	100/1	7	0.680	0.523	770	840	770	840
PWPI5020F560MT	56	100/1	6	0.819	0.630	770	840	700	770
PWPI5020F680MT	68	100/1	6	0.962	0.740	650	700	640	700
PWPI5020F820MT	82	100/1	6	1.158	0.965	650	750	500	600
PWPI5020F101MT	100	100/1	6	1.430	1.100	530	580	530	580
PWPI5020F121MT	120	100/1	6	1.755	1.350	420	530	400	500
PWPI5020F201MT	200	100/1	4.5	2.600	2000	300	330	400	450



SPECIFICATIONS 规格特性

PWPI 5040 TYPE

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试频率	Self-resonant Freq 共振频率 S.R.F	DC Resistance 直流电阻 RDC		Saturation Current 饱和电流 Isat		Heat Rating Current 温升电流 I _{rms}	
				Max.	Typ.	Max.	Typ.	Max.	Typ.
--	--	--	Min.						
Unis 单位	uH	KHz/V	MHz	Ω		mA	mA	mA	mA
PWPI5040FR22MT	0.22	100/1	289	0.008	0.006	18000	20000	6500	7500
PWPI5040FR24NT	0.24	100/1	251	0.008	0.006	15700	18000	6400	7400
PWPI5040FR47MT	0.47	100/1	171	0.009	0.007	10000	11500	6600	7600
PWPI5040F1R0NT	1.0	100/1	117	0.016	0.012	7350	8000	4900	5000
PWPI5040F1R2NT	1.2	100/1	110	0.021	0.016	6500	7000	4150	4250
PWPI5040F1R5NT	1.5	100/1	86	0.020	0.015	6300	6800	4300	4850
PWPI5040F1R8NT	1.8	100/1	55	0.021	0.016	5500	6050	4150	4300
PWPI5040F2R2NT	2.2	100/1	50	0.025	0.019	4900	5500	3800	4200
PWPI5040F2R7NT	2.7	100/1	37	0.029	0.022	4300	4800	3600	4000
PWPI5040F3R0NT	3.0	100/1	37	0.029	0.022	4150	4600	3600	4000
PWPI5040F3R3NT	3.3	100/1	32	0.031	0.024	3950	4450	3400	3900
PWPI5040F3R6NT	3.6	100/1	30	0.034	0.026	3800	4400	3300	3700
PWPI5040F3R9NT	3.9	100/1	29	0.035	0.027	3550	4000	3200	3700
PWPI5040F4R7NT	4.7	100/1	28	0.039	0.030	3500	3800	3000	3300
PWPI5040F5R6MT	5.6	100/1	27	0.046	0.035	3000	3700	2800	3100
PWPI5040F6R8MT	6.8	100/1	21	0.056	0.043	2900	3400	2500	2800
PWPI5040F8R2MT	8.2	100/1	20	0.062	0.048	2700	2900	2300	2600
PWPI5040F100MT	10	100/1	18	0.083	0.064	2350	2700	2100	2350
PWPI5040F120MT	12	100/1	14	0.100	0.077	2200	2500	2000	2100
PWPI5040F150MT	15	100/1	13	0.112	0.086	2000	2200	2000	2050
PWPI5040F180MT	18	100/1	12	0.155	0.119	1700	2000	1450	1650
PWPI5040F220MT	22	100/1	11	0.168	0.129	1600	1800	1500	1600
PWPI5040F270MT	27	100/1	9.8	0.244	0.188	1520	1750	1100	1250
PWPI5040F330MT	33	100/1	9	0.244	0.188	1300	1450	1200	1350
PWPI5040F470MT	47	100/1	7	0.354	0.272	1100	1200	1000	1150
PWPI5040F510MT	51	100/1	6	0.494	0.380	1000	1200	1000	1100
PWPI5040F560MT	56	100/1	6	0.494	0.380	1050	1200	800	900
PWPI5040F680MT	68	100/1	6	0.520	0.400	900	1000	800	900
PWPI5040F750MT	75	100/1	6	0.585	0.450	850	950	720	800
PWPI5040F101MT	100	100/1	5	0.728	0.560	750	850	700	780
PWPI5040F151MT	150	100/1	3.7	0.975	0.750	650	670	600	700
PWPI5040F221MT	220	100/1	3.0	1.820	1.400	480	550	400	500
PWPI5040F301MT	300	100/1	2.7	2.600	2.000	500	580	350	400
PWPI5040F331MT	330	100/1	2.7	2.730	2.100	420	470	400	500



PWPI5040F471MT	470	100/1	2.7	3.900	3.000	370	430	350	400
PWPI5040F561MT	560	100/1	1.3	4.920	3.780	310	360	310	350
PWPI5040F681MT	680	100/1	1.3	5.070	3.900	300	350	250	300
PWPI5040F102MT	1000	100/1	1.3	7.800	6.000	210	250	200	230
PWPI5040F332MT	3300	100/1	0.9	25.20	21.00	140	150	100	120
PWPI5040F392MT	3900	100/1	0.8	30.55	23.50	125	150	100	115
PWPI5040F472MT	4700	100/1	0.6	45.50	35.00	110	130	80	100
PWPI5040F502MT	5000	100/1	0.49	43.16	35.97	110	130	85	98
PWPI5040F562MT	5600	100/1	0.49	50.70	39.00	105	120	80	92
PWPI5040F682MT	6800	100/1	0.38	55.90	43.00	90	110	75	86
PWPI5040F822MT	8200	100/1	0.38	55.90	43.00	70	85	75	86
PWPI5040F103MT	10000	100/1	0.32	58.50	45.00	65	75	75	86

SPECIFICATIONS 规格特性

PWPI 6020 TYPE

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试 频率	Self-resonant Freq 共振频率 S.R.F	DC Resistance 直流电阻 RDC		Saturation Current 饱和电流 Isat		Heat Rating Current 温升电流 Irms	
--	--	--	Min.	Max.	Typ.	Max.	Typ.	Max.	Typ.
Unis 单位	uH	KHz/V	MHz	Ω		mA	mA	mA	mA
PWPI6020FR50NT	0.50	100/1	120	0.018	0.014	4500	6000	4000	5000
PWPI6020FR68NT	0.68	100/1	115	0.022	0.017	6550	7800	3800	4800
PWPI6020FR82NT	0.82	100/1	110	0.022	0.017	5300	6300	3800	4800
PWPI6020F1R0NT	1.0	100/1	100	0.020	0.020	4150	5000	3500	4400
PWPI6020F1R2NT	1.2	100/1	88	0.029	0.022	5900	7000	3200	4000
PWPI6020F1R5NT	1.5	100/1	79	0.029	0.022	4250	5100	3200	4000
PWPI6020F1R8NT	1.8	100/1	68	0.036	0.028	4850	5800	2750	3500
PWPI6020F2R0NT	2.0	100/1	65	0.046	0.035	4100	4900	2600	3300
PWPI6020F2R2NT	2.2	100/1	61	0.036	0.028	3750	4500	2750	3500
PWPI6020F2R7NT	2.7	100/1	56	0.046	0.035	3900	4600	2600	3300
PWPI6020F3R3NT	3.3	100/1	51	0.046	0.035	3150	3700	2600	3300
PWPI6020F3R9NT	3.9	100/1	45	0.064	0.049	3250	3900	2100	2600
PWPI6020F4R3NT	4.3	100/1	44	0.064	0.049	2700	3200	2100	2600
PWPI6020F4R7NT	4.7	100/1	41	0.075	0.058	3000	3600	2000	2500
PWPI6020F5R6NT	5.6	100/1	36	0.075	0.058	2400	2900	1900	2400
PWPI6020F6R2NT	6.2	100/1	31	0.103	0.079	2300	2700	1800	2300
PWPI6020F6R8NT	6.8	100/1	31	0.103	0.079	2200	2600	1800	2300
PWPI6020F8R2NT	8.2	100/1	27	0.137	0.105	2100	2500	1400	1800
PWPI6020F100MT	10	100/1	27	0.137	0.105	1750	2100	1400	1800
PWPI6020F120MT	12	100/1	25	0.156	0.120	1450	1700	1300	1600
PWPI6020F150MT	15	100/1	21	0.189	0.145	1200	1400	1200	1500
PWPI6020F180MT	18	100/1	18	0.234	0.180	1200	1400	1080	1400



PWPI6020F220MT	22	100/1	16	0.265	0.204	1050	1200	1000	1300
PWPI6020F330MT	33	100/1	11	0.390	0.300	950	1100	840	1050
PWPI6020F470MT	47	100/1	10	0.559	0.430	700	900	800	900
PWPI6020F331MT	330	100/1	3	3.419	2.630	270	330	330	390

SPECIFICATIONS 规格特性**PWPI 6028 TYPE**

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试 频率	Self-resonant Freq 共振频率 S.R.F	DC Resistance 直流电阻 RDC		Saturation Current 饱和电流 Isat		Heat Rating Current 温升电流 Irms	
				Max.	Typ.	Max.	Typ.	Max.	Typ.
--	--	--	Min.						
Unis 单位	uH	KHz/V	MHz	Ω		mA	mA	mA	mA
PWPI6028FR82NT	0.82	100/1	97	0.016	0.012	6500	9000	5200	6000
PWPI6028F1R0NT	1.0	100/1	70	0.013	0.010	5750	7000	5200	5700
PWPI6028F1R2NT	1.2	100/1	65	0.017	0.013	6400	7500	4580	5000
PWPI6028F1R5NT	1.5	100/1	65	0.017	0.013	6000	6600	4580	5000
PWPI6028F2R2NT	2.2	100/1	48	0.026	0.020	5100	5600	3750	4100
PWPI6028F2R7NT	2.7	100/1	48	0.026	0.020	3800	4100	3750	4100
PWPI6028F3R3NT	3.3	100/1	41	0.033	0.025	4150	4500	3480	3800
PWPI6028F4R7NT	4.7	100/1	35	0.039	0.030	3000	3300	3080	3400
PWPI6028F5R1NT	5.1	100/1	32	0.056	0.043	3200	3500	2600	2800
PWPI6028F6R2MT	6.2	100/1	30	0.061	0.047	3050	3300	2400	2600
PWPI6028F6R8MT	6.8	100/1	27	0.061	0.047	2600	3000	2400	2600
PWPI6028F8R2MT	8.2	100/1	24	0.072	0.055	2300	2500	2250	2500
PWPI6028F9R1MT	9.1	100/1	24	0.096	0.074	2550	2800	2150	2400
PWPI6028F100MT	10	100/1	23	0.094	0.072	2040	2500	1950	2400
PWPI6028F120MT	12	100/1	18	0.104	0.080	1800	2000	1850	2000
PWPI6028F150MT	15	100/1	18	0.163	0.125	1750	1900	1450	1600
PWPI6028F180MT	18	100/1	15	0.156	0.120	1520	1800	1450	1600
PWPI6028F220MT	22	100/1	14	0.182	0.140	1450	1800	1400	1600
PWPI6028F270MT	27	100/1	13	0.202	0.155	1500	1600	1320	1400
PWPI6028F330MT	33	100/1	12	0.241	0.185	1350	1500	1220	1300
PWPI6028F360MT	36	100/1	11	0.280	0.215	1250	1400	1130	1200
PWPI6028F390MT	39	100/1	11	0.293	0.225	1250	1400	1100	1200
PWPI6028F470MT	47	100/1	9.5	0.410	0.315	1150	1300	1060	1100
PWPI6028F560MT	56	100/1	8.2	0.449	0.345	1050	1200	890	1000
PWPI6028F680MT	68	100/1	7.7	0.468	0.360	800	950	860	950
PWPI6028F750MT	75	100/1	7.7	0.533	0.410	900	990	810	900
PWPI6028F820MT	82	100/1	7.7	0.650	0.500	800	880	700	770
PWPI6028F101MT	100	100/1	7.1	0.650	0.500	650	710	700	770
PWPI6028F401MT	400	100/1	2.8	2.808	2.160	300	330	400	450
PWPI6028F102MT	1000	100/1	1.5	7.540	5.800	180	220	230	260

**SPECIFICATIONS 规格特性****PWPI 6040 TYPE**

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试 频率	Self-resonant Freq 共振频率 S.R.F	DC Resistance 直流电阻 RDC		Saturation Current 饱和电流 Isat		Heat Rating Current 温升电流 Irms	
				Max.	Typ.	Max.	Typ.	Max.	Typ.
--	--	--	Min.						
Unis 单位	uH	KHz/V	MHz	Ω		mA	mA	mA	mA
PWPI6040F1R0MT	1.0	100/1	97	0.010	0.008	7850	9050	6300	7200
PWPI6040F100MT	10	100/1	16	0.062	0.048	3200	3500	2450	2800
PWPI6040F120MT	12	100/1	14	0.075	0.058	2800	3250	2200	2550
PWPI6040F150MT	15	100/1	13	0.088	0.068	2500	3000	2050	2350
PWPI6040F220MT	22	100/1	10	0.116	0.089	2050	2500	1800	2050
PWPI6040F330MT	33	100/1	9.9	0.178	0.137	1650	2000	1450	1650
PWPI6040F680MT	68	100/1	5.6	0.370	0.285	1150	1400	950	1100
PWPI6040F471MT	470	100/1	2	2.500	1.790	420	500	470	550

PWPI 6045 TYPE

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试 频率	Self-resonant Freq 共振频率 S.R.F	DC Resistance 直流电阻 RDC		Saturation Current 饱和电流 Isat		Heat Rating Current 温升电流 Irms	
				Max.	Typ.	Max.	Typ.	Max.	Typ.
--	--	--	Min.						
Unis 单位	uH	KHz/V	MHz	Ω		mA	mA	mA	mA
PWPI6045FR47NT	0.47	100/1	155	0.008	0.006	15000	16500	6500	6600
PWPI6045FR56NT	0.56	100/1	142	0.008	0.006	14000	15000	6500	7500
PWPI6045FR68NT	0.68	100/1	99	0.008	0.006	11000	12000	5700	6500
PWPI6045FR82NT	0.82	100/1	140	0.010	0.008	10350	11000	5900	6500
PWPI6045F1R0NT	1.0	100/1	100	0.014	0.011	9850	10000	5140	5600
PWPI6045F1R2NT	1.2	100/1	100	0.013	0.010	8350	9100	5400	5900
PWPI6045F1R3NT	1.3	100/1	100	0.013	0.010	8800	9100	5400	5900
PWPI6045F1R5NT	1.5	100/1	65	0.016	0.012	8800	9700	4950	5400
PWPI6045F1R8NT	1.8	100/1	74	0.016	0.012	7600	8400	4950	5400
PWPI6045F2R2NT	2.2	100/1	52	0.018	0.014	6750	7400	4600	5000
PWPI6045F2R3NT	2.3	100/1	60	0.027	0.021	6000	6600	3500	3800
PWPI6045F2R7NT	2.7	100/1	38	0.020	0.015	5750	6300	4300	4700
PWPI6045F3R0NT	3.0	100/1	35	0.026	0.020	5600	6200	3800	4200
PWPI6045F3R3NT	3.3	100/1	32	0.027	0.021	5900	6200	3700	4000
PWPI6045F3R6NT	3.6	100/1	28	0.027	0.021	5250	5700	3700	4000
PWPI6045F4R3MT	4.3	100/1	23	0.030	0.023	4450	4900	3500	3800
PWPI6045F4R5MT	4.5	100/1	24	0.034	0.026	4970	500	3300	3600
PWPI6045F4R7MT	4.7	100/1	24	0.034	0.026	4970	5500	3300	3600
PWPI6045F5R1MT	5.1	100/1	23	0.034	0.026	4400	4800	3300	3600
PWPI6045F5R6MT	5.6	100/1	23	0.038	0.029	4150	4600	3150	3400



PWPI6045F6R2MT	6.2	100/1	26	0.040	0.031	4430	4800	3000	3300
PWPI6045F6R3MT	6.3	100/1	26	0.040	0.031	4430	4700	3000	3300
PWPI6045F6R8MT	6.8	100/1	20	0.040	0.031	3900	4300	3000	3300
PWPI6045F7R5MT	7.5	100/1	18	0.044	0.034	3500	3800	2900	3200
PWPI6045F8R2MT	8.2	100/1	21	0.056	0.043	3900	4300	2600	2800
PWPI6045F9R1MT	9.1	100/1	17	0.056	0.043	3350	3700	2600	2800
PWPI6045F100MT	10	100/1	15	0.062	0.048	3200	3500	2450	2700
PWPI6045F120MT	12	100/1	13	0.075	0.058	2800	3000	2200	2400
PWPI6045F150MT	15	100/1	12	0.088	0.068	2500	2700	2050	2200
PWPI6045F180MT	18	100/1	10	0.105	0.081	2200	2400	1850	2000
PWPI6045F220MT	22	100/1	10	0.116	0.089	2050	2200	1800	2000
PWPI6045F270MT	27	100/1	9.2	0.133	0.102	1900	2100	1650	1800
PWPI6045F300MT	30	100/1	7.8	0.172	0.132	1700	1800	1500	1600
PWPI6045F330MT	33	100/1	7.8	0.178	0.137	1650	1800	1450	1600
PWPI6045F360MT	36	100/1	7.8	0.225	0.173	1620	1800	1400	1500
PWPI6045F390MT	39	100/1	7.8	0.234	0.180	1500	1600	1250	1400
PWPI6045F430MT	43	100/1	7.7	0.260	0.200	1630	1800	1200	1300
PWPI6045F470MT	47	100/1	6.4	0.260	0.200	1400	1500	1200	1300
PWPI6045F510MT	51	100/1	6.4	0.269	0.207	1350	1500	1150	1200
PWPI6045F560MT	56	100/1	6.4	0.287	0.221	1300	1400	1100	1200
PWPI6045F620MT	62	100/1	6.4	0.306	0.235	1250	1400	1100	1200
PWPI6045F680MT	68	100/1	6.4	0.376	0.289	1200	1300	1000	1100
PWPI6045F750MT	75	100/1	5	0.397	0.305	1150	1200	950	1000
PWPI6045F820MT	82	100/1	4.9	0.443	0.341	1050	1100	900	990
PWPI6045F910MT	91	100/1	4.9	0.467	0.359	1000	1100	850	940
PWPI6045F101MT	100	100/1	4.2	0.563	0.433	950	1000	800	880
PWPI6045F121MT	120	100/1	4.2	0.629	0.484	850	940	770	850
PWPI6045F151MT	150	100/1	4.2	0.754	0.580	800	880	700	770
PWPI6045F221MT	220	100/1	3.5	1.084	0.834	700	770	590	650
PWPI6045F331MT	330	100/1	2.8	1.651	1.270	570	630	570	630
PWPI6045F471MT	470	100/1	2	2.340	1.800	500	560	420	480
PWPI6045F681MT	680	100/1	1.7	3.250	2.500	420	460	330	380
PWPI6045F102MT	1000	100/1	0.5	5.850	4.500	300	350	300	350
PWPI6045F152MT	1500	100/1	0.8	8.450	6.500	240	270	210	240
PWPI6045F222MT	2200	100/1	0.9	12.48	10.40	200	230	170	200
PWPI6045F332MT	3300	100/1	0.7	15.96	13.30	170	200	150	170
PWPI6045F472MT	4700	100/1	0.6	23.70	19.75	150	170	120	140
PWPI6045F682MT	6800	100/1	0.5	40.20	33.50	120	140	90	110
PWPI6045F103MT	10000	100/1	0.4	46.68	38.90	100	120	80	100
PWPI6045F123MT	12000	100/1	0.4	74.40	62.00	90	110	70	80
PWPI6045F153MT	15000	100/1	0.4	84.00	70.00	90	100	60	70



SPECIFICATIONS 规格特性

PWPI 8040 TYPE

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试 频率	Self-resonant Freq 共振频率 S.R.F	DC Resistance 直流电阻 RDC		Saturation Current 饱和电流 Isat		Heat Rating Current 温升电流 Irms	
				Max.	Typ.	Max.	Typ.	Max.	Typ.
--	--	--	Min.						
Unis 单位	uH	KHz/V	MHz	Ω		mA	mA	mA	mA
PWPI8040FR82NT	0.82	100/1	94	0.010	0.008	13800	16000	6300	6900
PWPI8040F1R0NT	1.0	100/1	89	0.010	0.008	9850	14000	6300	6900
PWPI8040F1R2NT	1.2	100/1	59	0.013	0.010	10000	14000	5650	6200
PWPI8040F1R5NT	1.5	100/1	67	0.013	0.010	8150	11000	5650	6200
PWPI8040F2R0NT	2.0	100/1	43	0.016	0.012	9250	10000	5150	5600
PWPI8040F2R2NT	2.2	100/1	41	0.016	0.012	7100	8000	5150	5600
PWPI8040F3R0NT	3.0	100/1	32	0.018	0.014	6100	7000	4700	5200
PWPI8040F3R3NT	3.3	100/1	27	0.022	0.017	6500	7000	4400	4800
PWPI8040F3R6NT	3.6	100/1	30	0.022	0.017	7520	8500	4350	4800
PWPI8040F3R9NT	3.9	100/1	26	0.022	0.017	5750	6500	4350	4800
PWPI8040F4R7NT	4.7	100/1	24	0.025	0.019	5900	6500	4100	4500
PWPI8040F5R1NT	5.1	100/1	22	0.025	0.019	4700	5400	4050	4400
PWPI8040F5R6NT	5.6	100/1	24	0.027	0.021	6000	6900	3850	4200
PWPI8040F6R2NT	6.2	100/1	20	0.027	0.021	4450	5100	3850	4200
PWPI8040F6R8MT	6.8	100/1	20	0.031	0.024	4550	5200	3600	4000
PWPI8040F8R2MT	8.2	100/1	17	0.034	0.026	4200	4800	3450	3800
PWPI8040F100MT	10	100/1	15	0.038	0.029	3600	4100	3300	3600
PWPI8040F120MT	12	100/1	13	0.053	0.041	3500	4000	2800	3000
PWPI8040F150MT	15	100/1	12	0.061	0.047	2950	3400	2600	2800
PWPI8040F180MT	18	100/1	11	0.069	0.053	2700	3100	2400	2600
PWPI8040F220MT	22	100/1	9.5	0.090	0.069	2400	2700	2100	2300
PWPI8040F270MT	27	100/1	9.2	0.101	0.078	2150	2500	2000	2200
PWPI8040F330MT	33	100/1	7.8	0.126	0.097	2050	2400	1800	2000
PWPI8040F360MT	36	100/1	7.8	0.133	0.102	2000	2300	1750	1900
PWPI8040F390MT	39	100/1	7.8	0.139	0.107	1950	2200	1700	1900
PWPI8040F430MT	43	100/1	7.8	0.147	0.113	1900	2200	1650	1800
PWPI8040F470MT	47	100/1	6.4	0.177	0.136	1750	2000	1550	1700
PWPI8040F510MT	51	100/1	6.4	0.185	0.142	1700	1900	1500	1600
PWPI8040F560MT	56	100/1	6.4	0.192	0.148	1550	1700	1450	1600
PWPI8040F620MT	62	100/1	6.4	0.237	0.182	1500	1600	1300	1400
PWPI8040F680MT	68	100/1	4.9	0.255	0.196	1450	1600	1250	1400
PWPI8040F750MT	75	100/1	4.9	0.274	0.211	1350	1500	1200	1300
PWPI8040F820MT	82	100/1	5.9	0.23	0.225	1300	1400	1150	1200
PWPI8040F910MT	91	100/1	4.9	0.354	0.272	1200	1300	1050	1100
PWPI8040F101MT	100	100/1	4.2	0.377	0.290	1150	1300	1000	1100



PWPI8040F121MT	120	100/1	3.5	0.434	0.334	1050	1100	950	1000
PWPI8040F151MT	150	100/1	3.5	0.533	0.410	1100	1200	850	940
PWPI8040F181MT	180	100/1	3.5	0.676	0.520	950	1150	830	920
PWPI8040F221MT	220	100/1	3.5	0.779	0.599	850	940	800	880
PWPI8040F331MT	330	100/1	2.8	1.156	0.889	680	750	640	700
PWPI8040F471MT	470	100/1	2.1	1.625	1.260	600	700	500	600
PWPI8040F681MT	680	100/1	1.7	2.652	2.040	500	600	450	500
PWPI8040F102MT	1000	100/1	1.4	3.640	2.800	400	500	350	400
PWPI8040F152MT	1500	100/1	1	6.500	5.000	320	380	260	270

SPECIFICATIONS 规格特性**PWPI 8050 TYPE**

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试 频率	Self-resonant Freq 共振频率 S.R.F	DC Resistance 直流电阻 RDC		Saturation Current 饱和电流 Isat		Heat Rating Current 温升电流 Irms	
				Max.	Typ.	Max.	Typ.	Max.	Typ.
--	--	--	Min.	Ω		mA	mA	mA	mA
Unis 单位	μ H	KHz/V	MHz						
PWPI8050F102MT	1000	100/1	1.5	2.52	2.100	320	350	330	350
PWPI8050F122KT	1200	100/1	1.0	5.40	4.50	700	800	300	350
PWPI8050F152KT	1500	100/1	0.9	5.01	6.01	600	700	290	330
PWPI8050F103MT	10000	1/1	0.35	22.80	19.00	90	100	110	130

PWPI 8060 TYPE

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试 频率	Self-resonant Freq 共振频率 S.R.F	DC Resistance 直流电阻 RDC		Saturation Current 饱和电流 Isat		Heat Rating Current 温升电流 Irms	
				Max.	Typ.	Max.	Typ.	Max.	Typ.
--	--	--	Min.	Ω		mA	mA	mA	mA
Unis 单位	μ H	KHz/V	MHz						
PWPI8060F681KT	680	100/1	1.26	2.17	1.81	720	820	460	530
PWPI8060F162KT	1600	100/1	0.87	4.50	3.75	470	550	330	380
PWPI8060F202KT	2000	100/1	0.81	5.80	4.83	420	500	280	320
PWPI8060F222KT	2200	100/1	0.73	6.88	5.73	420	490	260	300
PWPI8060F502KT	5000	100/1	0.38	14.9	12.4	270	310	180	210



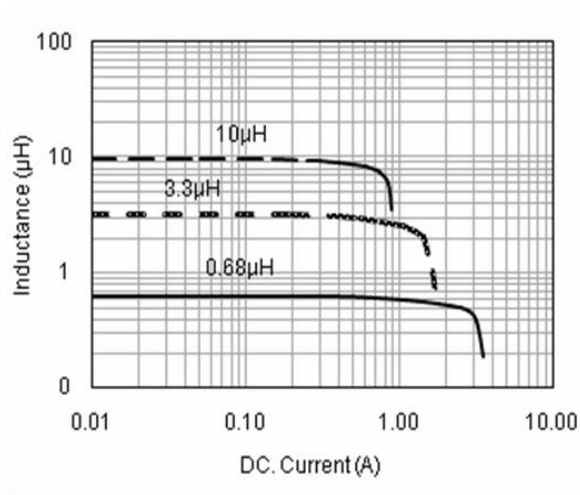
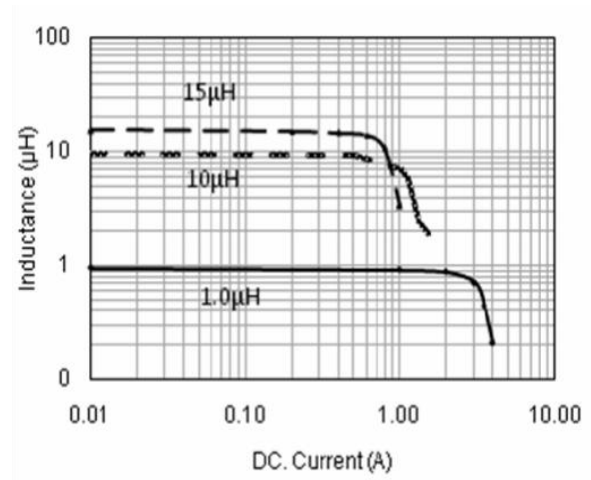
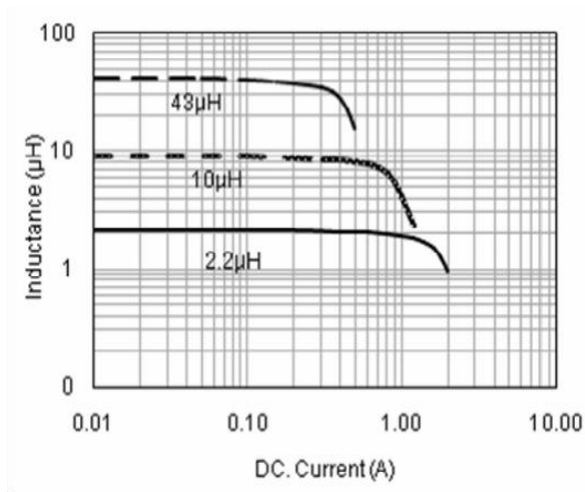
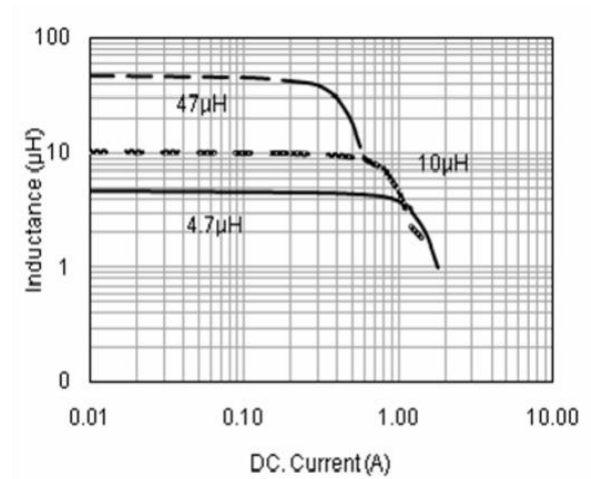
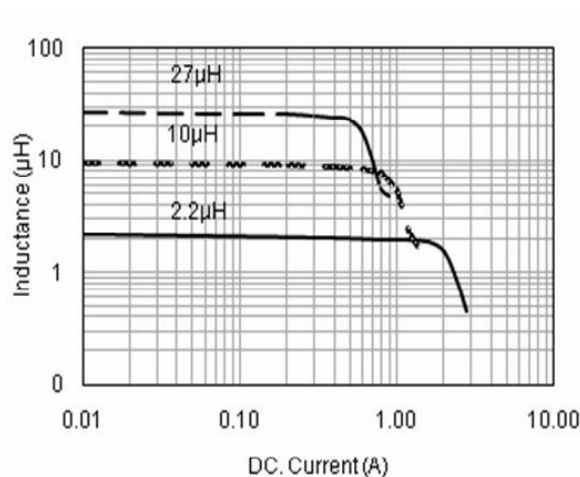
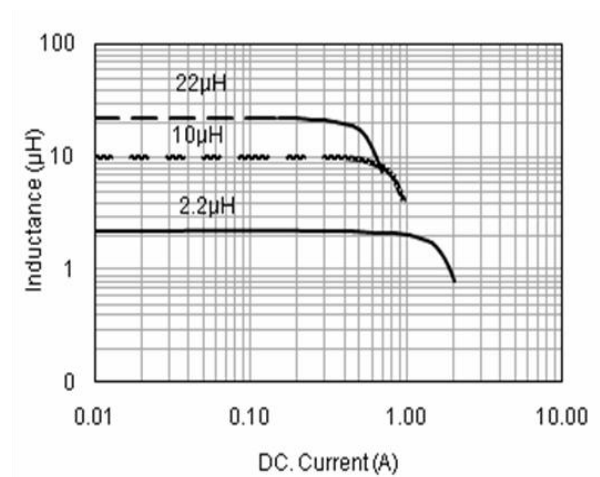
SPECIFICATIONS 规格特性

PWPI 8065 TYPE

Part Number 型号	Inductance 电感量 L	L Test Condition L 测试 频率	Self-resonant Freq 共振频率 S.R.F	DC Resistance 直流电阻 RDC		Saturation Current 饱和电流 Isat		Heat Rating Current 温升电流 Irms	
				Max.	Typ.	Max.	Typ.	Max.	Typ.
--	--	--	Min.						
Unis 单位	uH	KHz/V	MHz	Ω		mA	mA	mA	mA
PWPI8065F1R0MT	1.0	100/1	96	0.011	0.008	20000	22000	7000	8000
PWPI8065F3R3MT	3.3	100/1	27	0.018	0.015	9500	10000	5100	5900
PWPI8065F4R7MT	4.7	100/1	18	0.022	0.018	8500	9500	4700	5400
PWPI8065F5R6MT	5.6	100/1	17	0.026	0.022	8000	9000	4500	5200
PWPI8065F6R8MT	6.8	100/1	16	0.026	0.022	7500	8000	4500	5200
PWPI8065F8R2MT	8.2	100/1	15	0.031	0.026	7000	7700	4200	4800
PWPI8065F100MT	10	100/1	13	0.044	0.037	8000	8900	3200	3700
PWPI8065F220MT	22	100/1	8	0.065	0.054	4300	4800	2850	3300
PWPI8065F431MT	430	100/1	1.5	1.200	1.000	950	1050	610	690
PWPI8065F102MT	1000	100/1	1.1	2.820	2.350	650	730	400	450
PWPI8065F152MT	1500	100/1	0.7	4.380	3.650	540	600	320	370
PWPI8065F222MT	2200	100/1	0.7	6.000	5.000	450	510	270	310
PWPI8065F332MT	3300	100/1	0.7	8.760	7.300	360	400	230	260
PWPI8065F472MT	4700	100/1	0.4	14.58	12.15	290	330	180	200
PWPI8065F682MT	6800	100/1	0.4	22.44	18.70	260	290	140	160
PWPI8065F103MT	10000	100/1	0.4	27.36	22.80	200	230	130	150

TYPICAL ELECTRICAL CHARACTERISTICS 典型电气特性

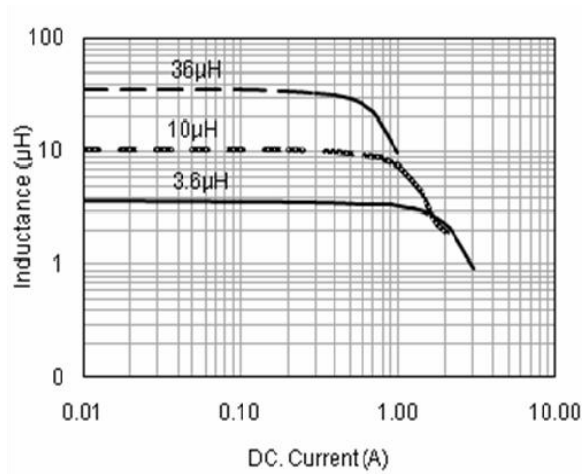
INDUCTANCE vs. DC SUPERPOSITION

PWPI 252010 TYPE

PWPI 252012 TYPE

PWPI 3010 TYPE

PWPI 3012 TYPE

PWPI 3015 TYPE

PWPI 4010 TYPE


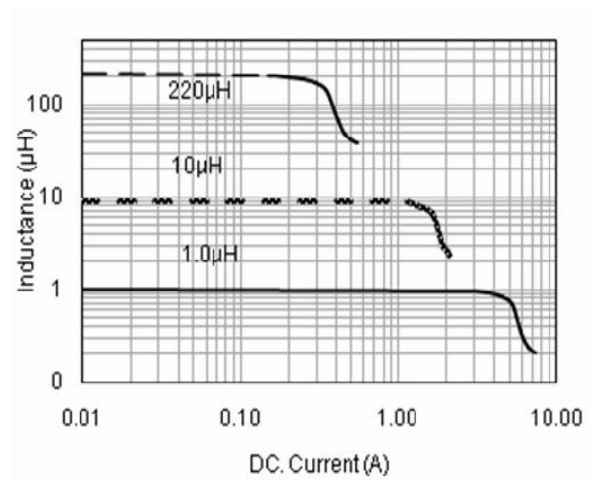
TYPICAL ELECTRICAL CHARACTERISTICS 典型电气特性

INDUCTANCE vs. DC SUPERPOSITION

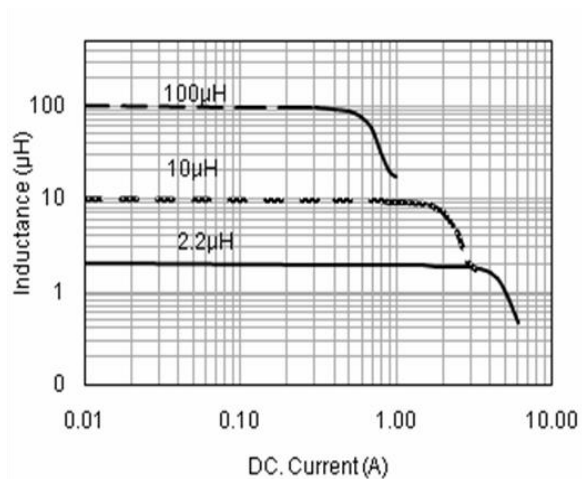
PWPI 4012 TYPE



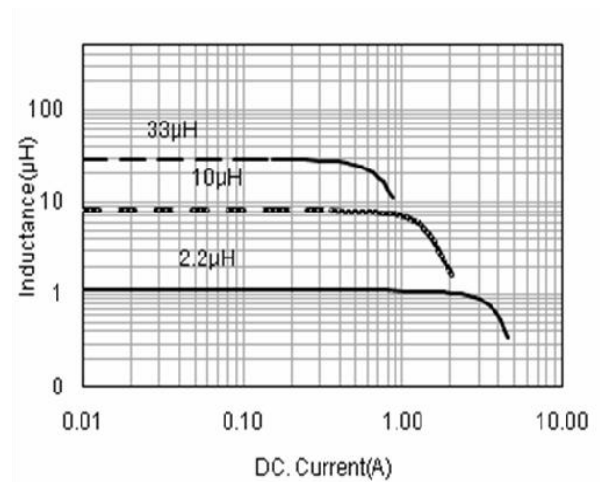
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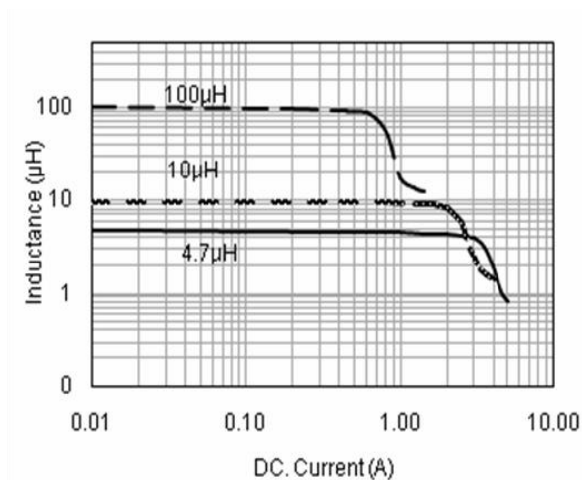
PWPI 4020 TYPE



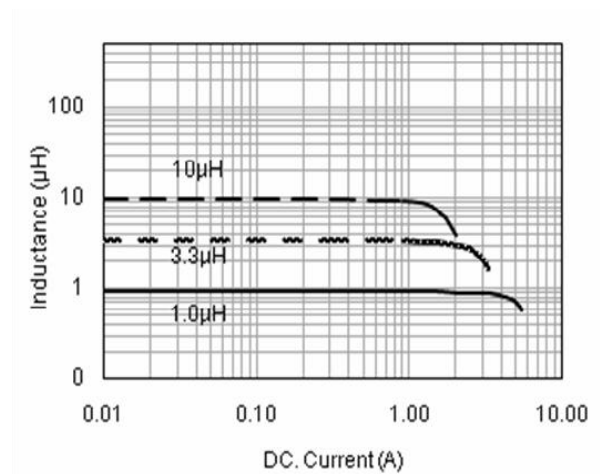
PWPI 4026 TYPE



PWPI 4030 TYPE



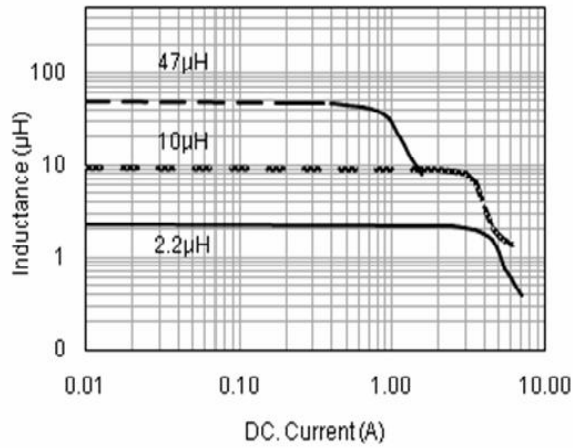
PWPI 5012 TYPE



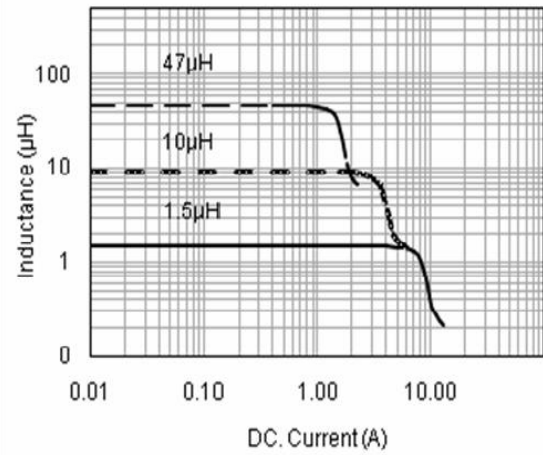
TYPICAL ELECTRICAL CHARACTERISTICS 典型电气特性

INDUCTANCE vs. DC SUPERPOSITION

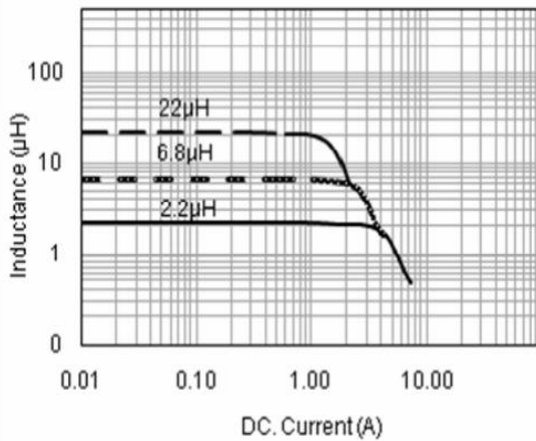
PWPI 5020 TYPE



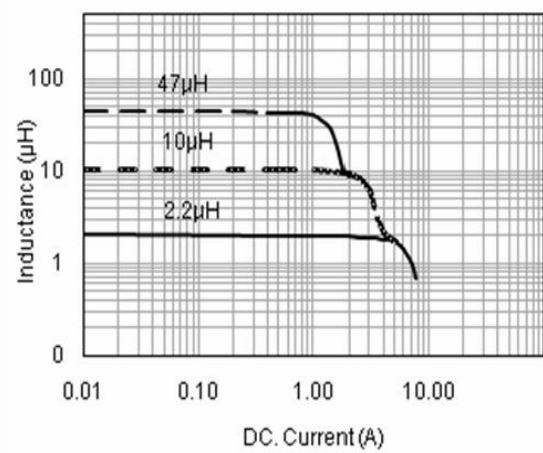
PWPI 5040 TYPE



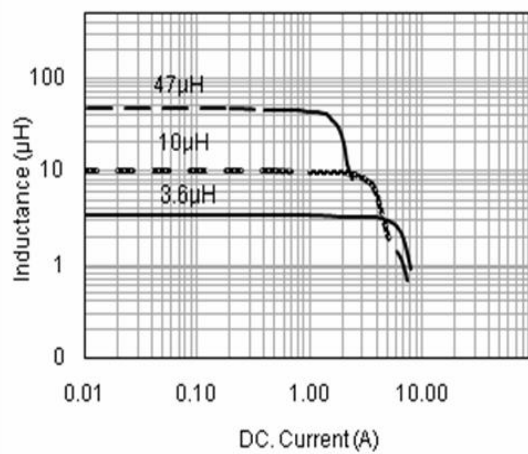
PWPI 6020 TYPE



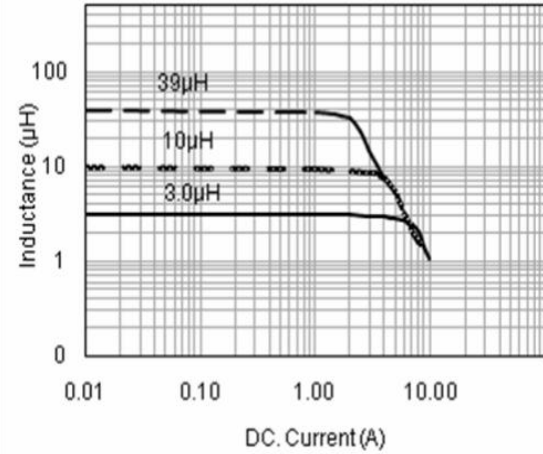
PWPI 6028 TYPE



PWPI 6045 TYPE

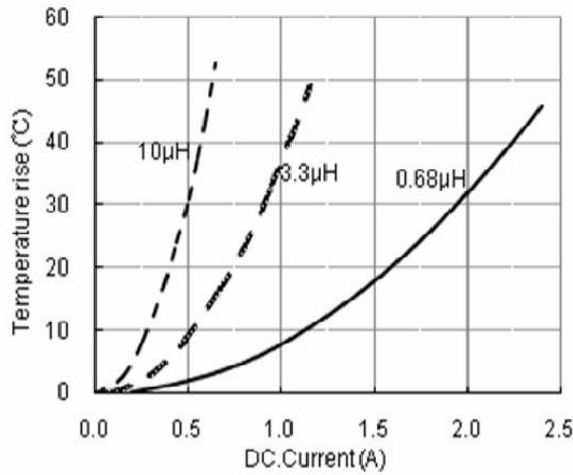
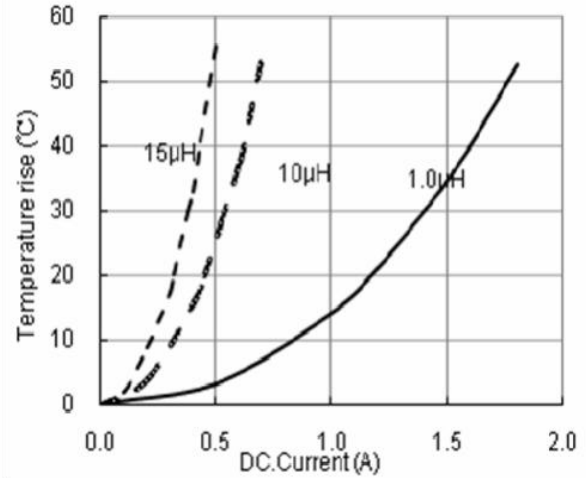
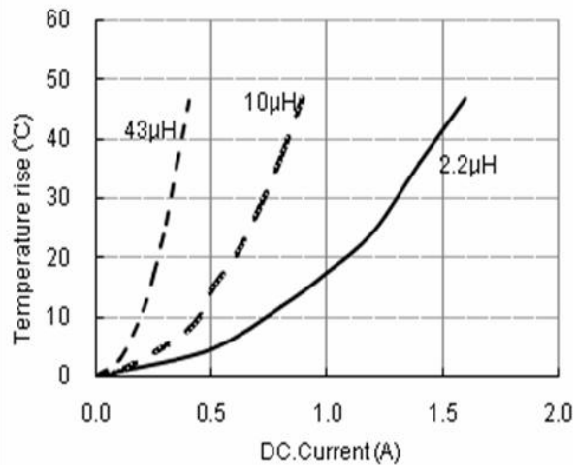
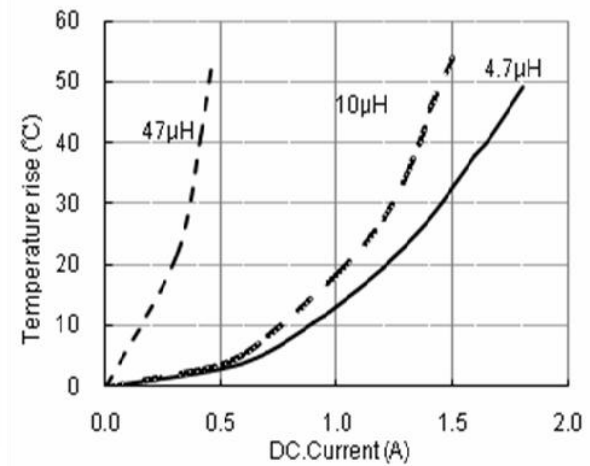
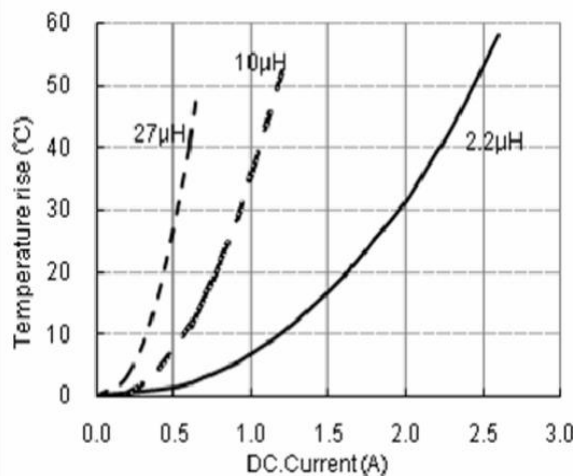
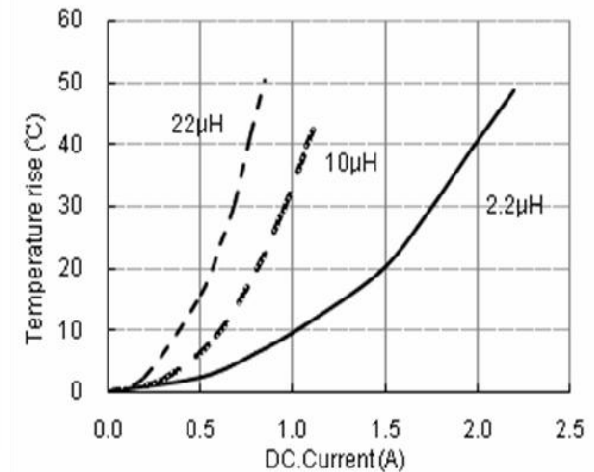


PWPI 8040 TYPE



TYPICAL ELECTRICAL CHARACTERISTICS 典型电气特性

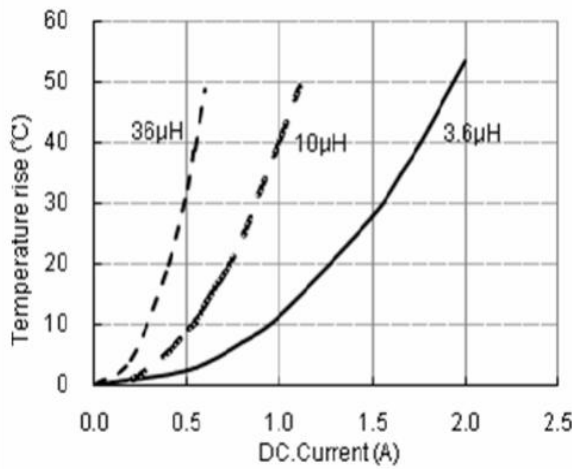
TEMPERATURE VS. DC CURRENT

PWPI 252010 TYPE

PWPI 252012 TYPE

PWPI 3010 TYPE

PWPI 3012 TYPE

PWPI 3015 TYPE

PWPI 4010 TYPE


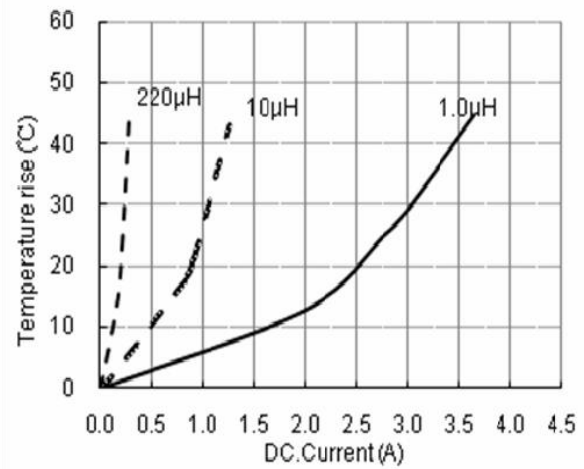
TYPICAL ELECTRICAL CHARACTERISTICS 典型电气特性

TEMPERATURE VS. DC CURRENT

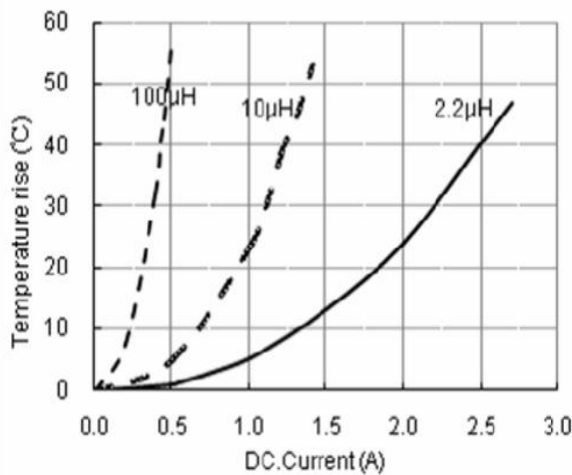
PWPI 4012 TYPE



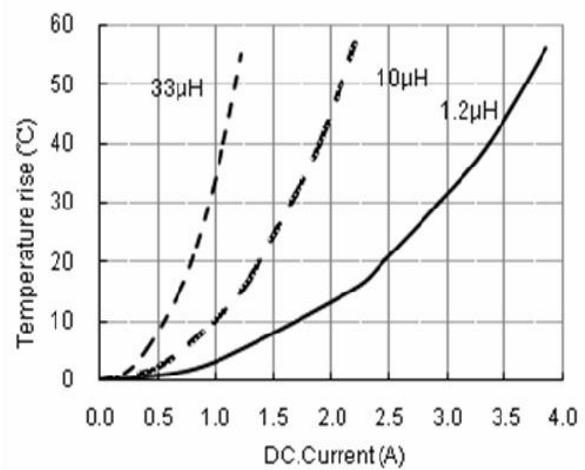
PWPI 4018 TYPE



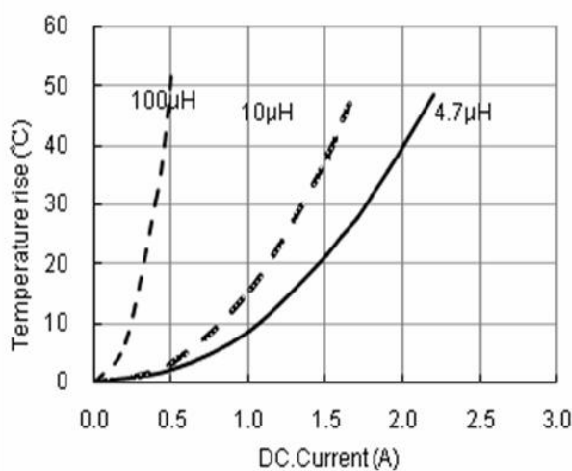
PWPI 4020 TYPE



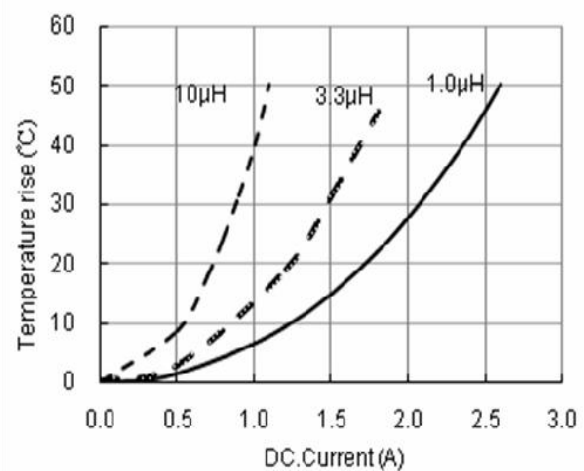
PWPI 4026 TYPE



PWPI 4030 TYPE



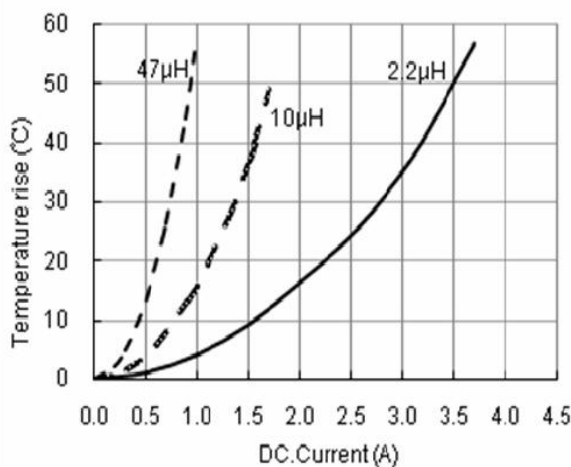
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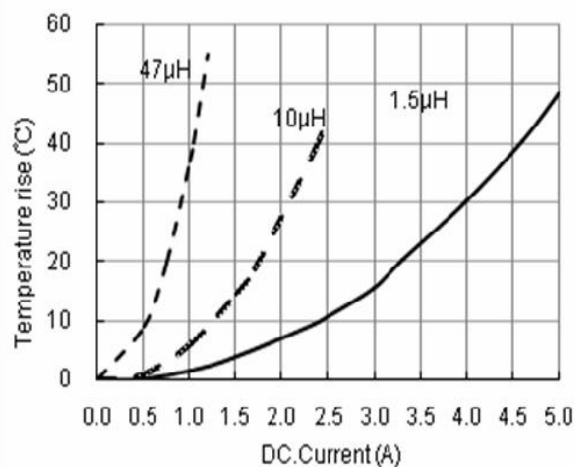
TYPICAL ELECTRICAL CHARACTERISTICS 典型电气特性

TEMPERATURE VS. DC CURRENT

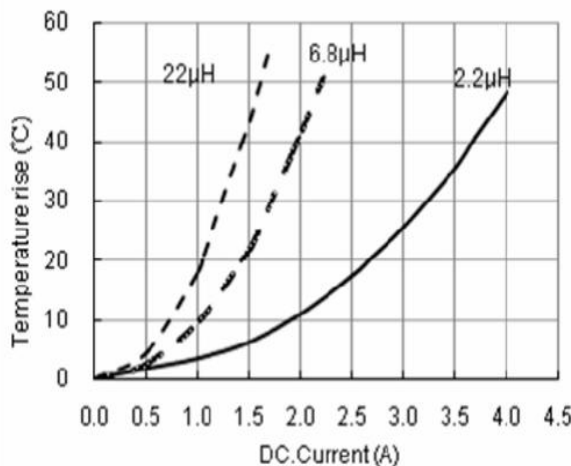
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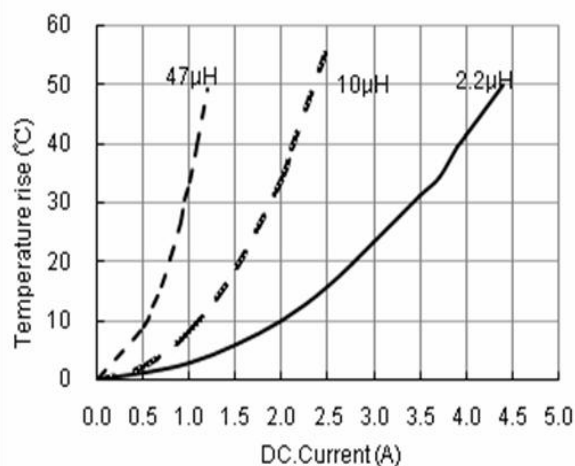
PWPI 5040 TYPE



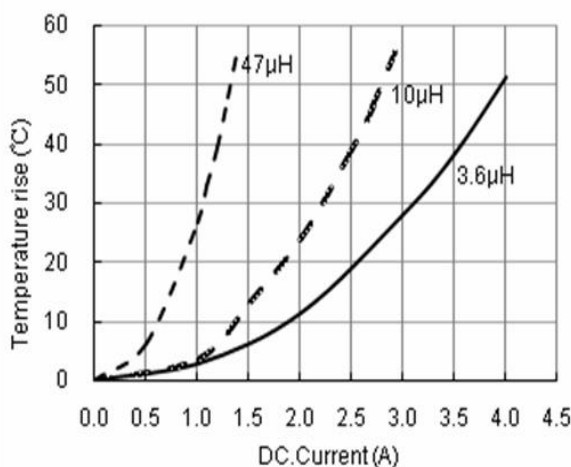
PWPI 6020 TYPE



PWPI 6028 TYPE



PWPI 6045 TYPE



PWPI 8040 TYPE

