

MOLDING PROCESSING & for Ultra High Current

模压式功率电感(一体成型)



PUP I SERIES



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Molding Processing & for Ultra High Current-PUPI Series

模压式功率电感(一体成型)-PUPI 系列



INTRODUCTION AND CHARACTERISTICS 产品介绍及特性

INTRODUCTION	产品介绍
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◆ PUPI series is designed for low profile type with low RDC and ultra large current. Its molded magnetic shielded type is suitable for high density mounting and ultra low buzz noise. Soldering conditions can be easily confirmed when mounting onto the board.

◆ PUPI 系列设计为小尺寸，低 RDC 和耐大电流。磁屏蔽的结构使其适用于高密度的安装和极低噪声。良好的焊接性使其很容易焊接到 PCB 板上。

CHARACTERISTICS	特性
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◆ Lowest height in this package footprint
 ◆ Ultra low buzz noise, due to composite construction
 ◆ Excellent solderability and high heat resistance for reflow soldering or wave soldering
 ◆ Various high power surface mountable type inductors are superior to high saturation

◆ 大功率，高饱和电流，低阻抗
 ◆ 特殊结构、超低噪声
 ◆ 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

APPLICATIONS	应用产品
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◆ High density DC/DC converters
 ◆ High speed charger
 ◆ for thickness less than 1.2mm, suitable for low profile applications

◆ 高密度 DC/DC 转换
 ◆ 高速充电器
 ◆ 厚度小于 1.2mm 适合小型应用

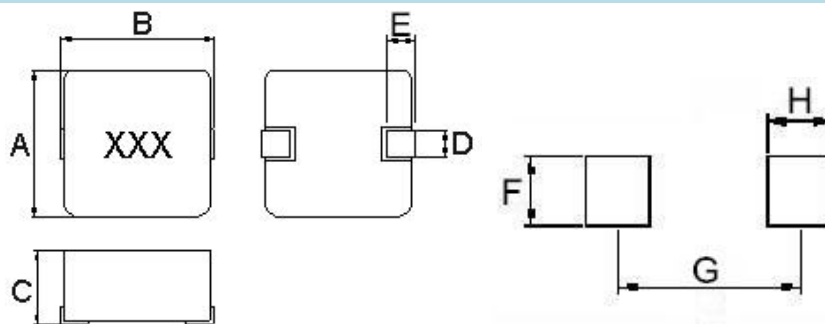
PRODUCT IDENTIFICATION 产品型号

PUPI 4020 F 4R7 M T
 ① ② ③ ④ ⑤ ⑥

①Product Series Code 产品系列码	PUPI	Molding Processing & for Ultra High Current 模压式功率电感(一体成型)
②Size Code 尺寸码	4020	长×宽×厚(A×B×C) (mm) 4.1×4.6×2.0
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

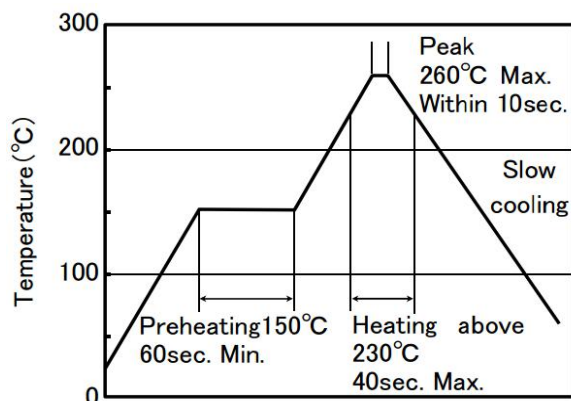
RECOMMENDED LAND PATTERN 推荐的焊盘尺寸



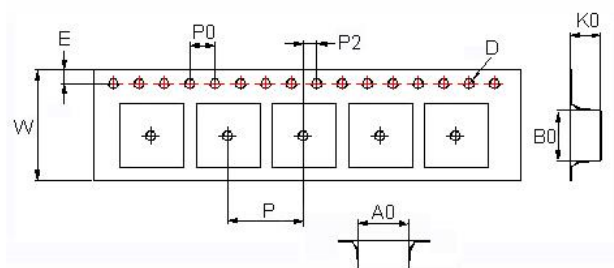
TYPE	A	B	C(Max.)	D	E	F	G	H
PUPI4012	4.1±0.2	4.6±0.2	1.2	1.5±0.3	1.0±0.5	2.5	3.7	1.5
PUPI4015	4.1±0.2	4.6±0.2	1.5	1.5±0.3	1.0±0.5	2.5	3.7	1.5
PUPI4020	4.1±0.2	4.6±0.2	2.0	1.5±0.3	1.0±0.5	2.5	3.7	1.5
PUPI5012	5.4±0.35	5.7±0.2	1.2	2.0±0.3	1.5±0.3	2.5	4.1	1.9
PUPI5015	5.4±0.35	5.7±0.2	1.5	2.0±0.3	1.5±0.3	2.5	4.1	1.9
PUPI5018	5.4±0.35	5.7±0.2	1.8	2.0±0.3	1.5±0.3	2.5	4.1	1.9
PUPI5020	5.4±0.35	5.7±0.2	2.0	2.0±0.3	1.5±0.3	2.5	4.1	1.9
PUPI5030	5.4±0.35	5.7±0.2	3.0	2.0±0.3	1.5±0.3	2.5	4.1	1.9
TYPE	A	B(Max.)	C(Max.)	D(Typ.)	E	F	G	H
PUPI6012	6.6±0.2	7.3	1.2	2.9	1.6±0.5	3.5	6.05	2.35
PUPI6015	6.6±0.2	7.3	1.5	2.9	1.6±0.5	3.5	6.05	2.35
PUPI6018	6.6±0.2	7.3	1.8	2.9	1.6±0.5	3.5	6.05	2.35
PUPI6024	6.6±0.2	7.3	2.4	2.9	1.6±0.5	3.5	6.05	2.35
PUPI6030	6.6±0.2	7.3	3.0	2.9	1.6±0.5	3.5	6.05	2.35
PUPI6050	6.6±0.2	7.3	5.0	2.9	1.6±0.5	3.5	6.05	2.35
PUPI1030	10.1±0.3	11.6	3.0	3.0	2.5±0.5	4.0	9.5	3.5
PUPI1040	10.1±0.3	11.6	4.0	3.0	2.5±0.5	4.0	9.5	3.5
PUPI1235	12.6±0.2	13.8	3.5	3.0	2.7±0.7	5.0	10.5	4.0
PUPI1250	12.6±0.2	13.8	5.0	3.0	2.7±0.7	5.0	10.5	4.0
PUPI1260	12.6±0.2	13.8	6.0	3.0	2.7±0.7	5.0	10.5	4.0

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


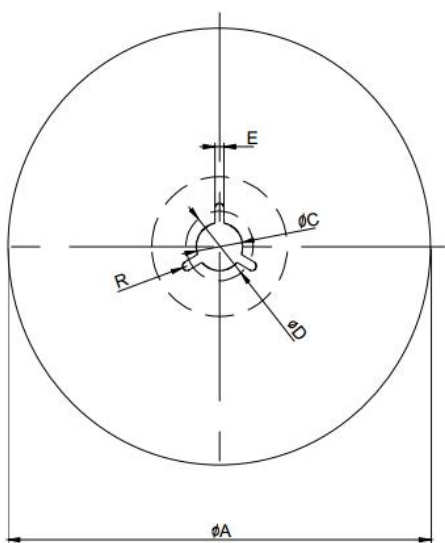
- ① Ceramic chip components should be preheated to within 100 to 130℃ of the soldering.
- ② Assured to be reflow soldering for 2 times.

PACKING STANDARD 包装标准
◆Taping Dimensions
Embossed Tape(8mm ,12mm ,16mm and 24wide)


Type	Chip Thickness (max.)	W	D	E	P	P0	P2	K0	Quantity (pcs/reel)
(mm)									Ø330mm
PUPI4012	1.2	12.0	1.55	1.75	8	4	2	1.50	2000
PUPI4015	1.5	12.0	1.55	1.75	8	4	2	1.80	2000
PUPI4020	2.0	12.0	1.55	1.75	8	4	2	2.40	2000
PUPI5012	1.2	16.0	1.55	1.75	12	4	2	1.50	1000
PUPI5015	1.5	16.0	1.55	1.75	12	4	2	1.90	1000
PUPI5018	1.8	16.0	1.55	1.75	12	4	2	2.20	1000
PUPI5020	2.0	16.0	1.55	1.75	12	4	2	2.40	1000
PUPI5030	3.0	16.0	1.55	1.75	12	4	2	3.40	1000
PUPI6012	1.2	16.0	1.55	1.75	12	4	2	1.60	1000

PUPI6015	1.5	16.0	1.55	1.75	12	4	2	1.90	1000
PUPI6018	1.8	16.0	1.55	1.75	12	4	2	2.20	1000
PUPI6024	2.4	16.0	1.55	1.75	12	4	2	2.90	1000
PUPI6030	3.0	16.0	1.55	1.75	12	4	2	3.40	1000
PUPI6050	3.0	16.0	1.55	1.75	12	4	2	5.40	1000
PUPI1030	3.0	24.0	1.55	1.75	16	4	2	3.25	500
PUPI1040	4.0	24.0	1.55	1.75	16	4	2	4.25	500
PUPI1235	3.5	24.0	1.55	1.75	16	4	2	3.70	500
PUPI1250	5.0	24.0	1.55	1.75	16	4	2	5.25	500
PUPI1260	6.0	24.0	1.55	1.75	16	4	2	6.25	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
PUPI 4012 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.	Max.	Max.
Unis 单位	uH	KHz/V	mΩ	A	A
PUPI4012FR22MT	0.22	100/0.5	12	11.5	8.5
PUPI4012FR33MT	0.33	100/0.5	19	8.5	6.5
PUPI4012FR47MT	0.47	100/0.5	25	7.0	5.0
PUPI4012FR68MT	0.68	100/0.5	36	6.0	4.5
PUPI4012F1R0MT	1.0	100/0.5	47	5.2	4.2
PUPI4012F1R5MT	1.5	100/0.5	75	4.0	3.25
PUPI4012F2R2MT	2.2	100/0.5	83.5	3.5	2.75
PUPI4012F3R3MT	3.3	100/0.5	165	3.0	2.0
PUPI4012F4R7MT	4.7	100/0.5	195	2.8	1.8

PUPI 4015 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.	Max.	Max.
Unis 单位	uH	KHz/V	mΩ	A	A
PUPI4015F1R0MT	1.0	100/0.5	42	7.0	4.0
PUPI4015F1R5MT	1.5	100/0.5	50	6.0	3.5
PUPI4015F2R2MT	2.2	100/0.5	79	5.0	3.0
PUPI4015F3R3MT	3.3	100/0.5	132	4.5	2.3
PUPI4015F4R7MT	4.7	100/0.5	146	4.0	2.0

PUPI 4020 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.	Max.	Max.
Unis 单位	uH	KHz/V	mΩ	A	A
PUPI4020FR10MT	0.1	100/0.5	4	25	12.0
PUPI4020FR22MT	0.22	100/0.5	6.6	12.5	9.0
PUPI4020FR47MT	0.47	100/0.5	14	9.5	7.0
PUPI4020FR56MT	0.56	100/0.5	16	10	6.5
PUPI4020FR68MT	0.68	100/0.5	21	8.0	5.2

PUPI4020F1R0MT	1.0	100/0.5	27	7.0	4.5
PUPI4020F1R5MT	1.5	100/0.5	46	6.0	4.0
PUPI4020F2R2MT	2.2	100/0.5	58	5.0	3.0
PUPI4020F3R3MT	3.3	100/0.5	87	4.0	2.5
PUPI4020F4R7MT	4.7	100/0.5	105	3.0	2.2
PUPI4020F6R8MT	6.8	100/0.5	135	2.5	2.0
PUPI4020F8R2MT	8.2	100/0.5	216	2.5	2.0
PUPI4020F100MT	10	100/0.5	258	2.0	1.6

SPECIFICATIONS 规格特性
PUPI 5012 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.	Max.	Max.
Unis 单位	uH	KHz/V	mΩ	A	A
PUPI5012F1R0MT	1.0	100/0.5	30	6	5
PUPI5012F2R2MT	2.2	100/0.5	76	4	3.5
PUPI5012F6R8MT	6.8	100/0.5	250	2.3	2.0

PUPI 5015 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.	Max.	Max.
Unis 单位	uH	KHz/V	mΩ	A	A
PUPI5015FR47MT	0.47	100/0.5	16	12	8
PUPI5015FR68MT	0.68	100/0.5	23	10	6
PUPI5015F1R0MT	1.0	100/0.5	33	8	5
PUPI5015F1R5MT	1.5	100/0.5	50	6	4
PUPI5015F2R2MT	2.2	100/0.5	68	6	3.3
PUPI5015F3R3MT	3.3	100/0.5	84	5	3
PUPI5015F4R7MT	4.7	100/0.5	135	4	2.5
PUPI5015F5R6MT	5.6	100/0.5	175	3.5	2.2
PUPI5015F6R8MT	6.8	100/0.5	192	3	2
PUPI5015F100MT	10	100/0.5	195	2	1.5

SPECIFICATIONS 规格特性
PUPI 5018 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.	Max.	Max.
Unis 单位	uH	KHz/V	mΩ	A	A
PUPI5018FR47MT	0.47	100/0.5	9	15.5	10.5
PUPI5018F1R0MT	1.0	100/0.5	17	9	8
PUPI5018F2R2MT	2.2	100/0.5	35	6.5	5
PUPI5018F3R3MT	3.3	100/0.5	58	5	4.5
PUPI5018F4R7MT	4.7	100/0.5	85	4	3.5
PUPI5018F6R8MT	6.8	100/0.5	120	3.4	2.8
PUPI5018F100MT	10	100/0.5	155	3	2.5

PUPI 5020 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.	Max.	Max.
Unis 单位	uH	KHz/V	mΩ	A	A
PUPI5020FR47MT	0.47	100/0.5	9	15.5	10.5
PUPI5020F1R0MT	1.0	100/0.5	30	7	6
PUPI5020F1R5MT	1.5	100/0.5	35	6.5	5.5
PUPI5020F2R2MT	2.2	100/0.5	45	6	4
PUPI5020F3R3MT	3.3	100/0.5	60	5.5	3.5
PUPI5020F4R7MT	4.7	100/0.5	90	5	3
PUPI5020F5R6MT	5.6	100/0.5	120	4.5	2.8
PUPI5020F6R8MT	6.8	100/0.5	125	4.5	2.8
PUPI5020F100MT	10	100/0.5	180	4	2.3

PUPI 5030 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.	Max.	Max.
Unis 单位	uH	KHz/V	mΩ	A	A
PUPI5030FR20MT	0.20	100/0.5	3.9	14.5	17
PUPI5030FR47MT	0.47	100/0.5	8	14	10
PUPI5030FR68MT	0.68	100/0.5	12	14	8

PUPI5030F1R0MT	1.0	100/0.5	15	11	7
PUPI5030F1R2MT	1.2	100/0.5	15	11	6.5
PUPI5030F1R5MT	1.5	100/0.5	25	10	6
PUPI5030F2R2MT	2.2	100/0.5	35	8	5
PUPI5030F3R3MT	3.3	100/0.5	46	7	4.5
PUPI5030F4R7MT	4.7	100/0.5	60	6	4
PUPI5030F6R8MT	6.8	100/0.5	110	5	3
PUPI5030F100MT	10	100/0.5	126	4.5	2.5

SPECIFICATIONS 规格特性
PUPI 6012 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.	Max.	Max.
Unis 单位	uH	KHz/V	mΩ	A	A
PUPI6012F4R7MT	4.7	100/0.5	107	3.5	2.5
PUPI6012F6R8MT	6.8	100/0.5	210	2.8	2.2

PUPI 6015 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.	Max.	Max.
Unis 单位	uH	KHz/V	mΩ	A	A
PUPI6015F1R0MT	1.0	100/0.5	25	9	5.5
PUPI6015F2R2MT	2.2	100/0.5	54	6	3.5
PUPI6015F3R3MT	3.3	100/0.5	63	5.5	3.3
PUPI6015F4R7MT	4.7	100/0.5	105	4.5	3.2
PUPI6015F6R8MT	6.8	100/0.5	140	4.0	2.5
PUPI6015F100MT	10	100/0.5	175	3.0	2.0

PUPI 6018 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.	Max.	Max.
Unis 单位	uH	KHz/V	mΩ	A	A
PUPI6018FR22MT	0.22	100/0.5	5.2	29	14
PUPI6018FR33MT	0.33	100/0.5	6.8	22	12

PUPI6018FR47MT	0.47	100/0.5	8.4	18	12
PUPI6018FR68MT	0.68	100/0.5	12.7	17	9
PUPI6018F1R0MT	1.0	100/0.5	17	10	7
PUPI6018F1R5MT	1.5	100/0.5	28	10.5	5
PUPI6018F2R2MT	2.2	100/0.5	35	8	5
PUPI6018F3R3MT	3.3	100/0.5	60	8	3.5
PUPI6018F4R7MT	4.7	100/0.5	72	5	3.5
PUPI6018F6R8MT	6.8	100/0.5	110	3.5	2.8
PUPI6018F100MT	10	100/0.5	115	2.5	2.3

SPECIFICATIONS 规格特性

PUPI 6024 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.	Max.	Max.
Unis 单位	uH	KHz/V	mΩ	A	A
PUPI6024FR22MT	0.22	100/0.5	3.2	34	21
PUPI6024FR33MT	0.33	100/0.5	4.1	24.5	18
PUPI6024FR47MT	0.47	100/0.5	5.1	22	15
PUPI6024F1R0MT	1.0	100/0.5	13.5	16	9
PUPI6024F1R5MT	1.5	100/0.5	20	15	9
PUPI6024F2R2MT	2.2	100/0.5	28	14	7
PUPI6024F3R3MT	3.3	100/0.5	39	10	5.5
PUPI6024F4R7MT	4.7	100/0.5	50	10	5
PUPI6024F6R8MT	6.8	100/0.5	66	4	3.5
PUPI6024F100MT	10	100/0.5	101	4	3.1
PUPI6024F150MT	15	100/0.5	160	3.3	2.5

PUPI 6030 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.	Max.	Max.
Unis 单位	uH	KHz/V	mΩ	A	A
PUPI6030FR10MT	0.10	100/0.5	1.7	60	32.5
PUPI6030FR15MT	0.15	100/0.5	2.5	40	30
PUPI6030FR22MT	0.22	100/0.5	3.0	34	23
PUPI6030FR33MT	0.33	100/0.5	3.5	25	21
PUPI6030FR36MT	0.36	100/0.5	3.9	24	20

PUPI6030FR47MT	0.47	100/0.5	4.1	20	18
PUPI6030FR56MT	0.56	100/0.5	4.5	18	16.5
PUPI6030FR68MT	0.68	100/0.5	5.3	17	16
PUPI6030FR82MT	0.82	100/0.5	6.0	16	14
PUPI6030F1R0MT	1.0	100/0.5	7.4	15	12
PUPI6030F1R2MT	1.2	100/0.5	10	14	10
PUPI6030F1R5MT	1.5	100/0.5	12.1	14	10
PUPI6030F1R8MT	1.8	100/0.5	15	14	9.5
PUPI6030F2R2MT	2.2	100/0.5	15	10	8
PUPI6030F3R3MT	3.3	100/0.5	22	9.5	6.5
PUPI6030F4R7MT	4.7	100/0.5	33	6.5	5.5
PUPI6030F5R6MT	5.6	100/0.5	42	6	5.5
PUPI6030F6R8MT	6.8	100/0.5	50	6	4.5
PUPI6030F8R2MT	8.2	100/0.5	60	6	4.5
PUPI6030F100MT	10	100/0.5	68	5.5	4
PUPI6030F150MT	15	100/0.5	122	5	3
PUPI6030F220MT	22	100/0.5	145	3.2	3
PUPI6030F330MT	33	100/0.5	270	3	2

SPECIFICATIONS 规格特性
PUPI 6050 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.	Max.	Max.
Unis 单位	uH	KHz/V	mΩ	A	A
PUPI6050FR56MT	0.56	100/0.5	3.3	20	20
PUPI6050F1R0MT	1.0	100/0.5	6.5	15	13
PUPI6050F2R2MT	2.2	100/0.5	12.5	12	8
PUPI6050F3R3MT	3.3	100/0.5	20.9	9	7
PUPI6050F4R7MT	4.7	100/0.5	25	7	6.5

PUPI 1030 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.	Max.	Max.
Unis 单位	uH	KHz/V	mΩ	A	A
PUPI1030FR33MT	0.33	100/0.5	1.6	32	23
PUPI1030F1R0MT	1.0	100/0.5	6	21	15

PUPI1030F3R3MT	3.3	100/0.5	16	14	9
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SPECIFICATIONS 规格特性

PUPI 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	Saturation Current 饱和电流 Isat	Heat Rating Current 温升电流 Irms
--	--	--	Max.	Max.	Max.
Unis 单位	uH	KHz/V	mΩ	A	A
PUPI1040FR22MT	0.22	100/0.5	0.6	45	35
PUPI1040FR36MT	0.36	100/0.5	1.2	42	34
PUPI1040FR45MT	0.45	100/0.5	1.2	38	33
PUPI1040FR47MT	0.47	100/0.5	1.2	38	33
PUPI1040FR56MT	0.56	100/0.5	1.55	32	27
PUPI1040FR68MT	0.68	100/0.5	1.55	30	27
PUPI1040FR90MT	0.9	100/0.5	3.0	20	22
PUPI1040F1R0MT	1.0	100/0.5	3.1	26	20
PUPI1040F1R5MT	1.5	100/0.5	4.2	22	16
PUPI1040F1R8MT	1.8	100/0.5	5	16	15.3
PUPI1040F2R2MT	2.2	100/0.5	7	16	14
PUPI1040F3R3MT	3.3	100/0.5	13.2	12	11
PUPI1040F4R7MT	4.7	100/0.5	16.5	13	10
PUPI1040F6R8MT	6.8	100/0.5	25	10	6
PUPI1040F8R2MT	8.2	100/0.5	30	9	6
PUPI1040F100MT	10	100/0.5	30	7	6.5
PUPI1040F150MT	15	100/0.5	53	6	5
PUPI1040F220MT	22	100/0.5	64	4.5	4.5

PUPI 1235 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.	Max.	Max.
Unis 单位	uH	KHz/V	mΩ	A	A
PUPI1235F1R0MT	1	100/0.5	2.5	28	27

SPECIFICATIONS 规格特性
PUPI 1250 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.	Max.	Max.
Unis 单位	uH	KHz/V	mΩ	A	A
PUPI1250FR47MT	0.47	100/0.5	1.2	46	37
PUPI1250F1R0MT	1.0	100/0.5	2.5	37	29
PUPI1250F1R5MT	1.5	100/0.5	3	28	28
PUPI1250F4R7MT	4.7	100/0.5	11.5	16	11
PUPI1250F6R8MT	6.8	100/0.5	22	14	9
PUPI1250F100MT	10	100/0.5	35	13	7

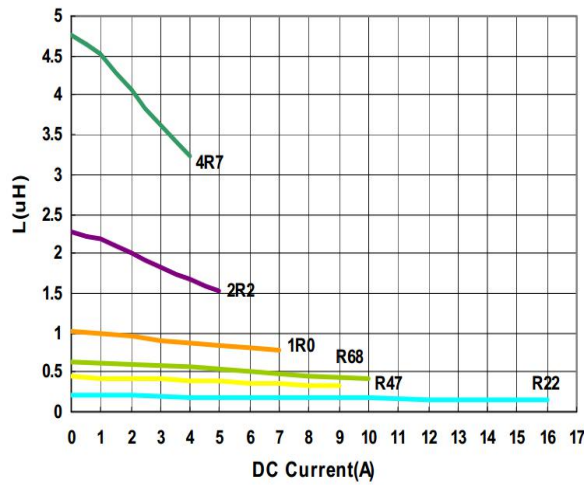
PUPI 1260 TYPE

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.	Max.	Max.
Unis 单位	uH	KHz/V	mΩ	A	A
PUPI1260F100MT	10	100/0.5	20.7	12.5	10
PUPI1260F150MT	15	100/0.5	29	9	6
PUPI1260F220MT	22	100/0.5	39.5	7.5	5
PUPI1260F330MT	33	100/0.5	75	6	4
PUPI1260F680MT	68	100/0.5	140	4.5	3

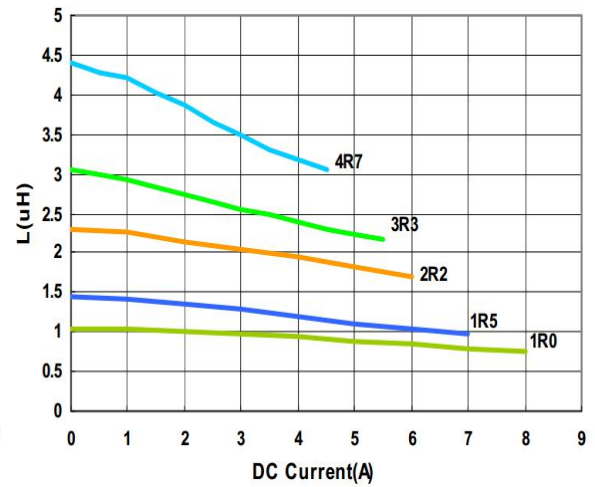
TYPICAL ELECTRICAL CHARACTERISTICS 典型电气特性

INDUCTANCE vs. DC SUPERPOSITION

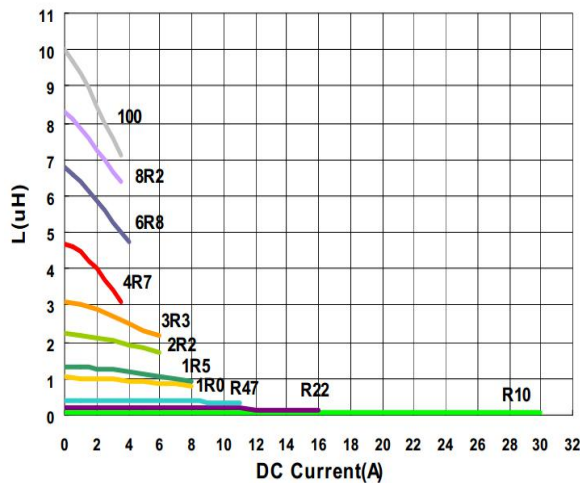
PUPI 4012 TYPE



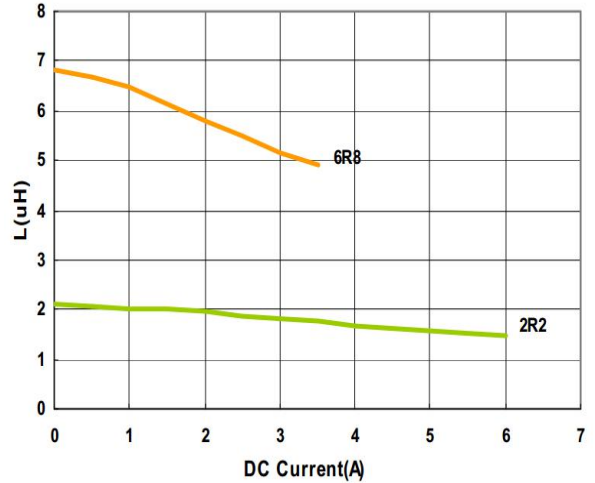
PUPI 4015 TYPE



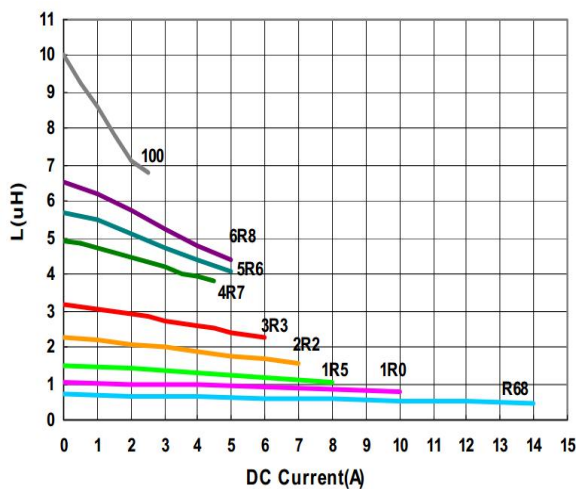
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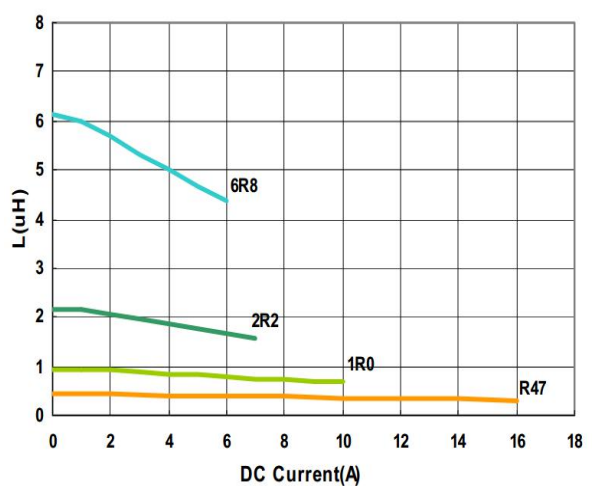
PUPI 5012 TYPE

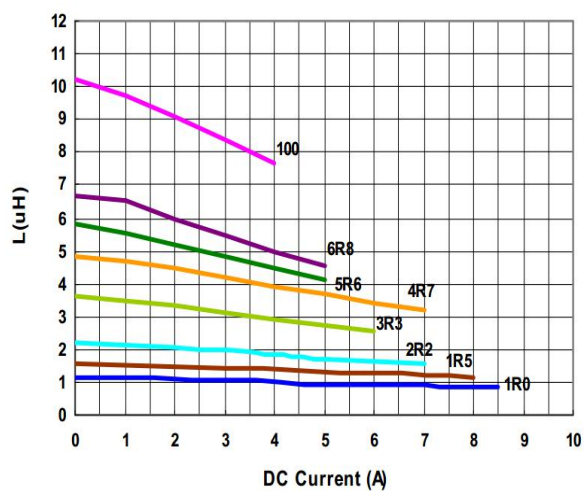
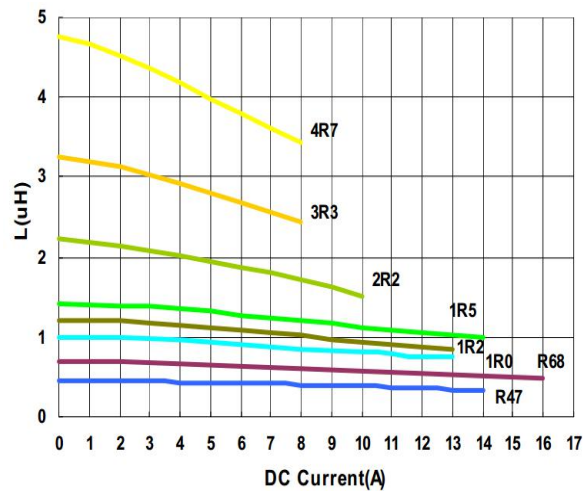
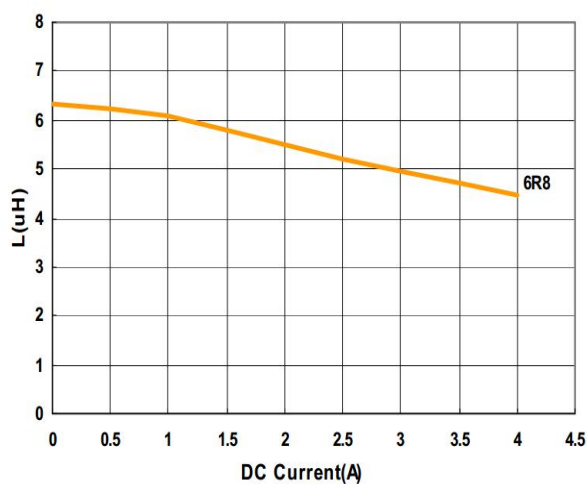
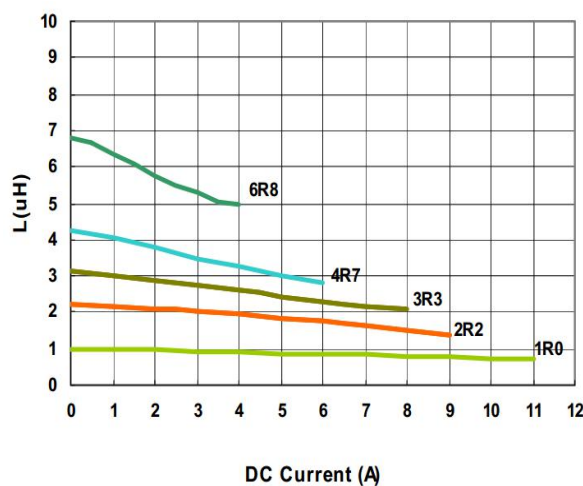
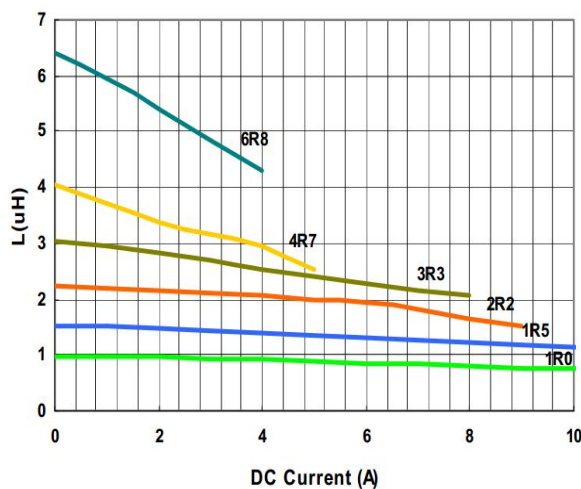
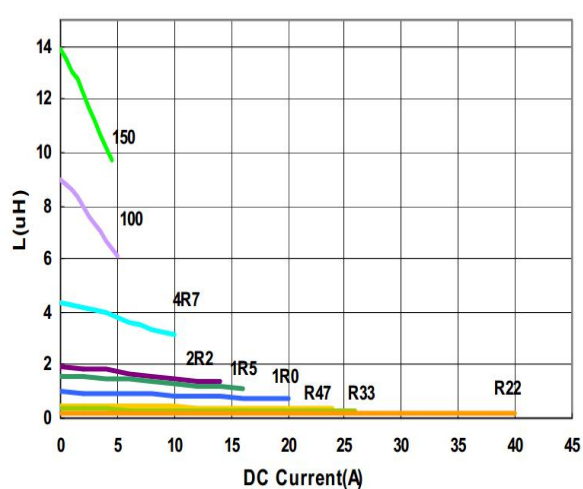


PUPI 5015 TYPE



PUPI 5018 TYPE

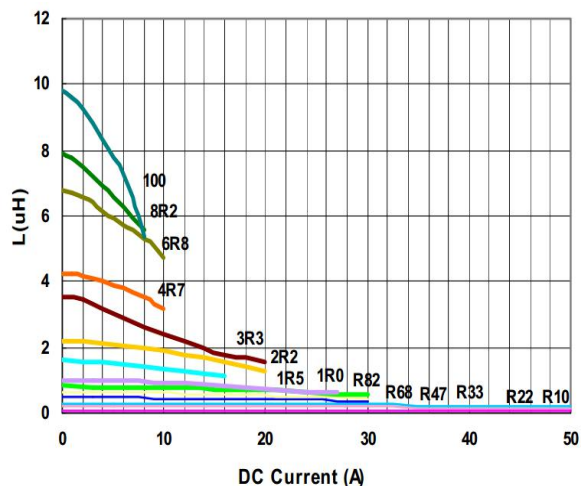


TYPICAL ELECTRICAL CHARACTERISTICS 典型电气特性
INDUCTANCE vs. DC SUPERPOSITION
PUPI 5020 TYPE

PUPI 5030 TYPE

PUPI 6012 TYPE

PUPI 6015 TYPE

PUPI 6018 TYPE

PUPI 6024 TYPE


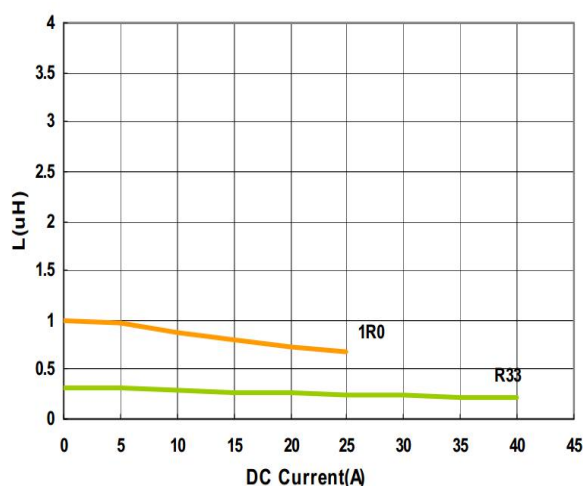
TYPICAL ELECTRICAL CHARACTERISTICS 典型电气特性

INDUCTANCE vs. DC SUPERPOSITION

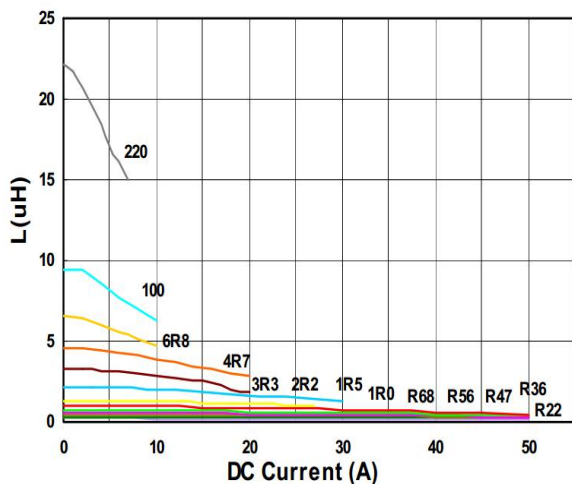
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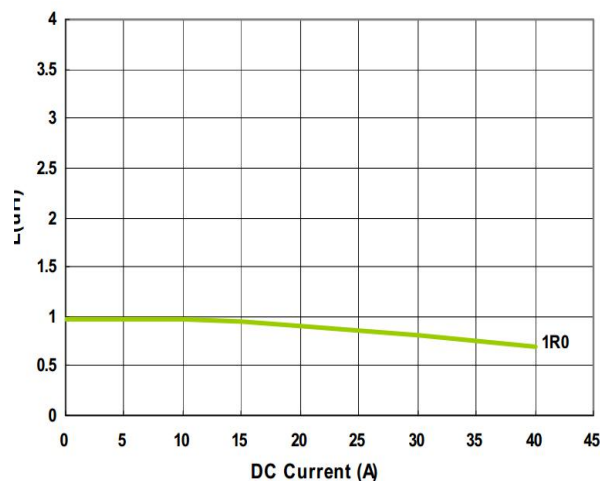
PUPI 1030 TYPE



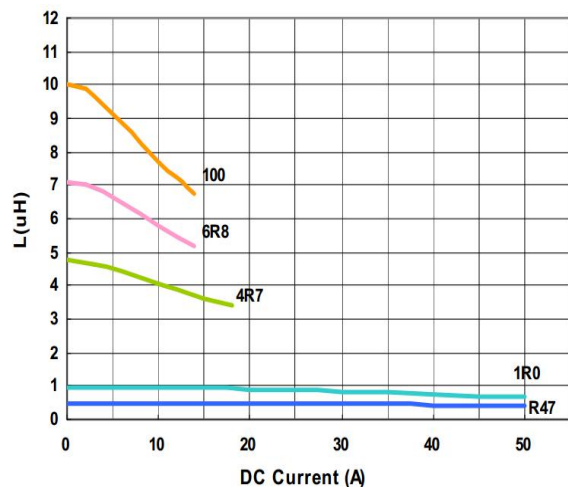
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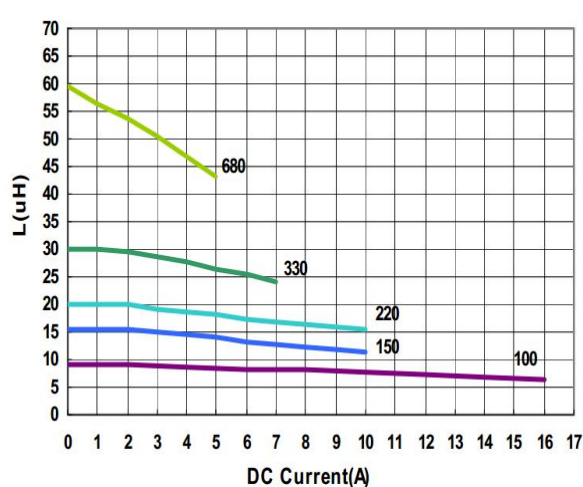
PUPI 1235 TYPE



PUPI 1250 TYPE



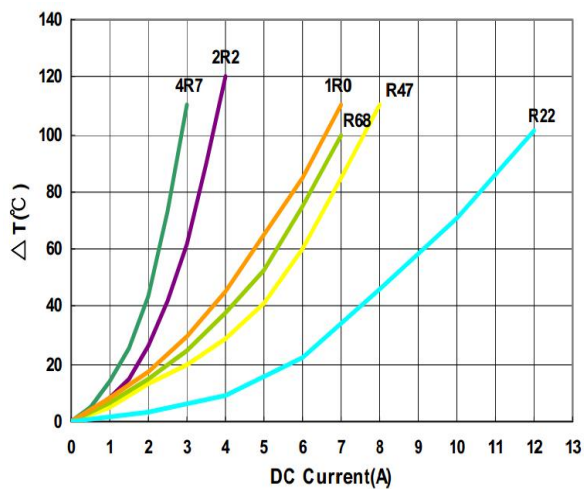
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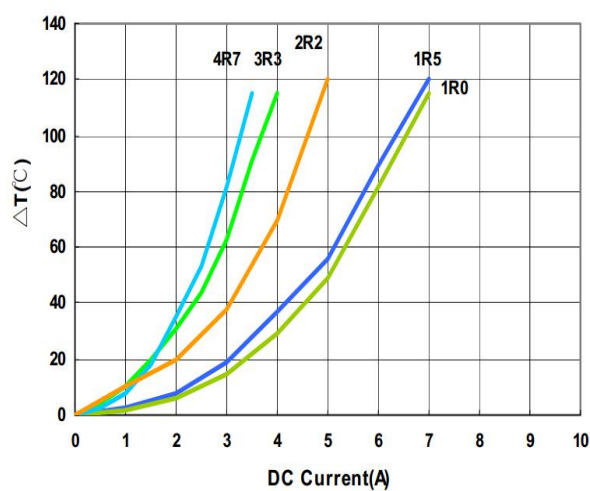
TYPICAL ELECTRICAL CHARACTERISTICS 典型电气特性

TEMPERATURE VS. DC CURRENT

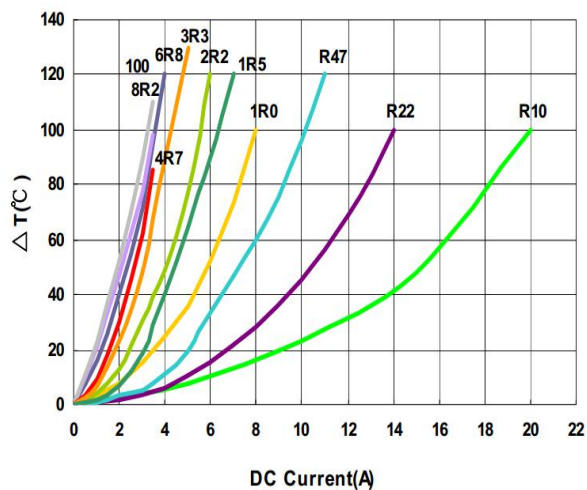
PUPI 4012 TYPE



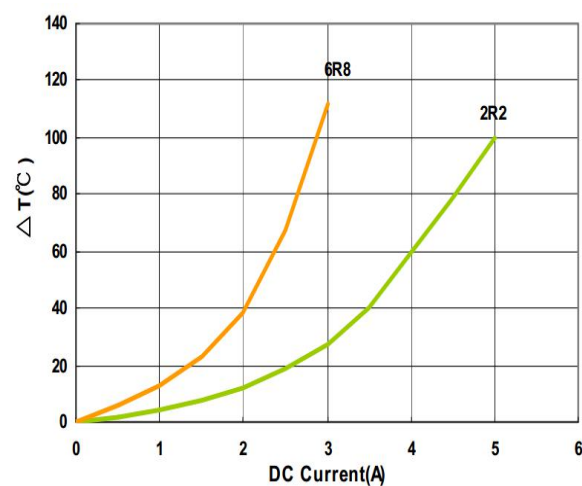
PUPI 4015 TYPE



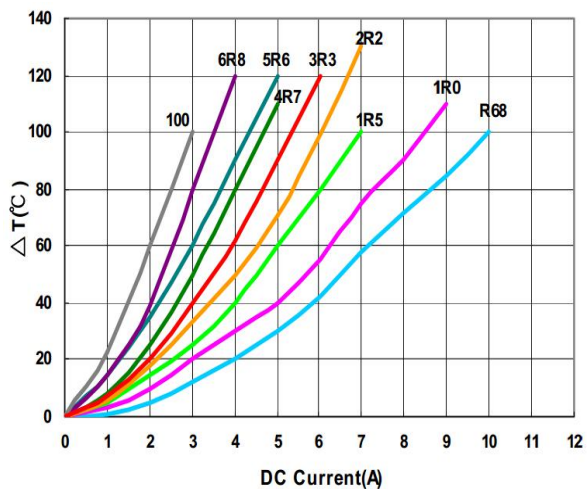
PUPI 4020 TYPE



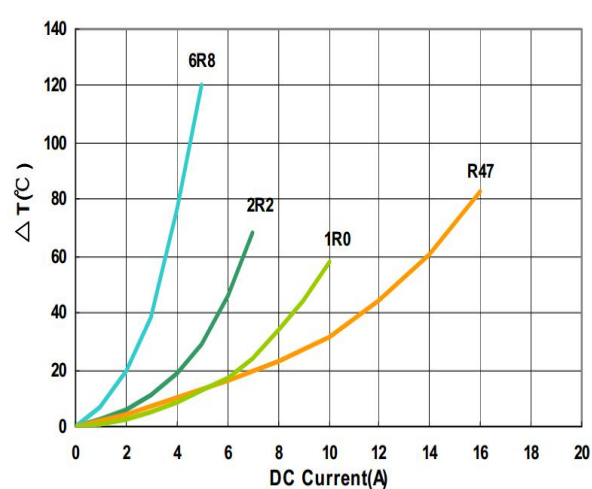
PUPI 5012 TYPE



PUPI 5015 TYPE



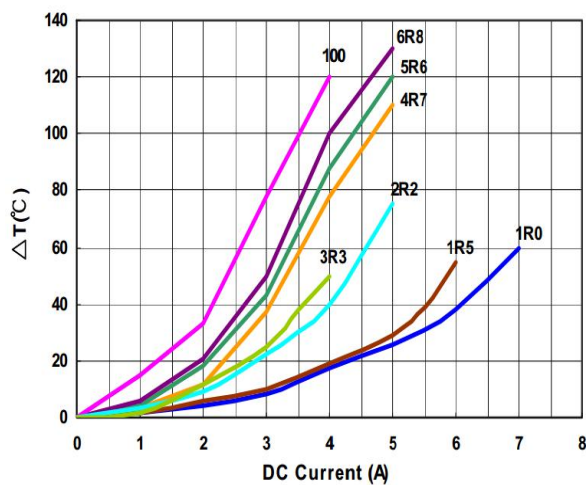
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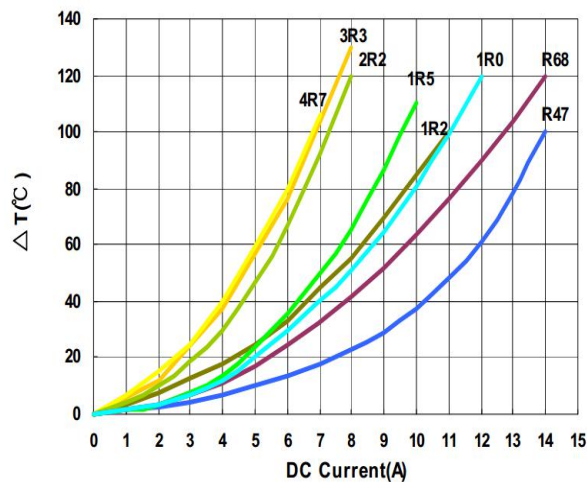
TYPICAL ELECTRICAL CHARACTERISTICS 典型电气特性

TEMPERATURE VS. DC CURRENT

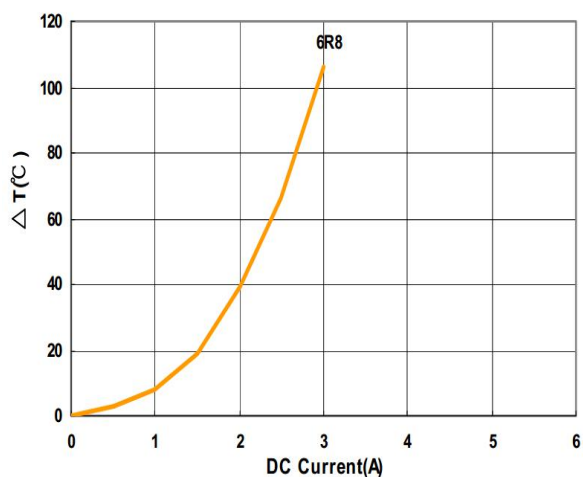
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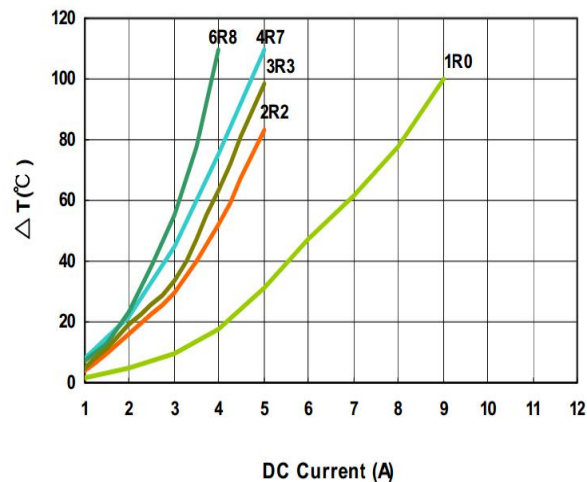
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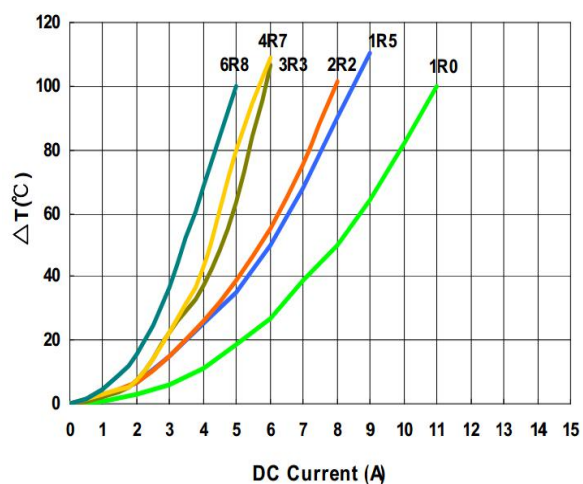
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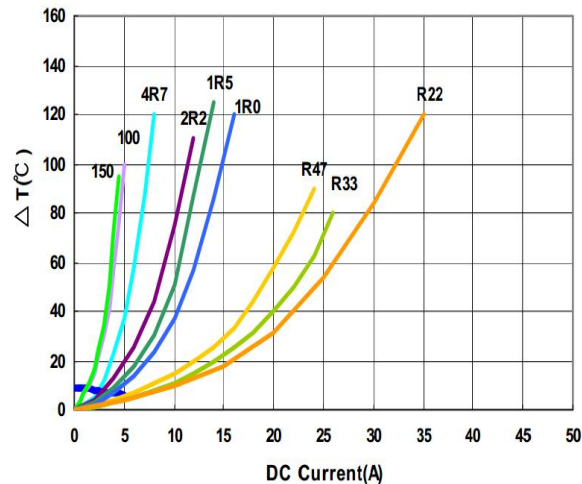
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PUPI 6018 TYPE



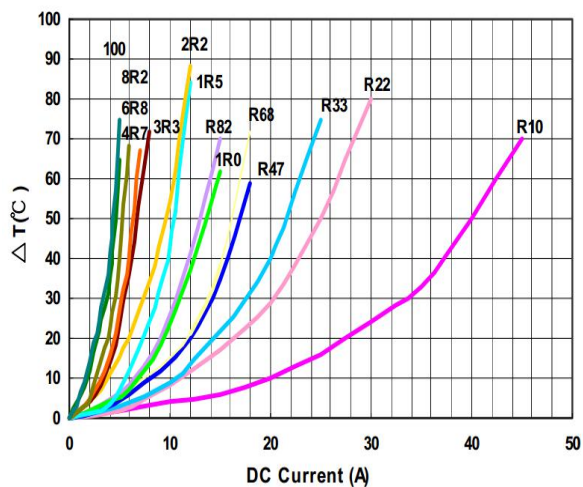
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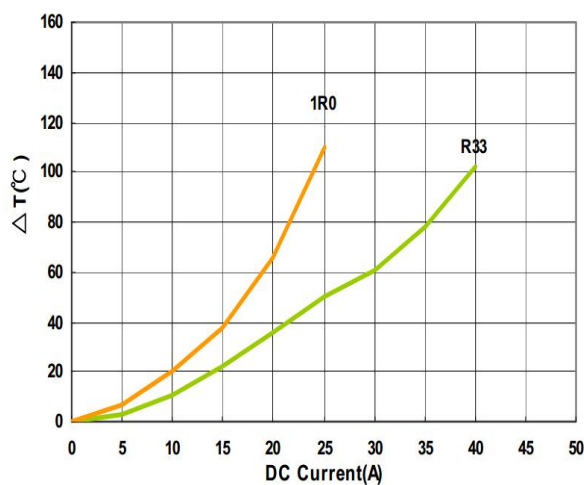
TYPICAL ELECTRICAL CHARACTERISTICS 典型电气特性

TEMPERATURE VS. DC CURRENT

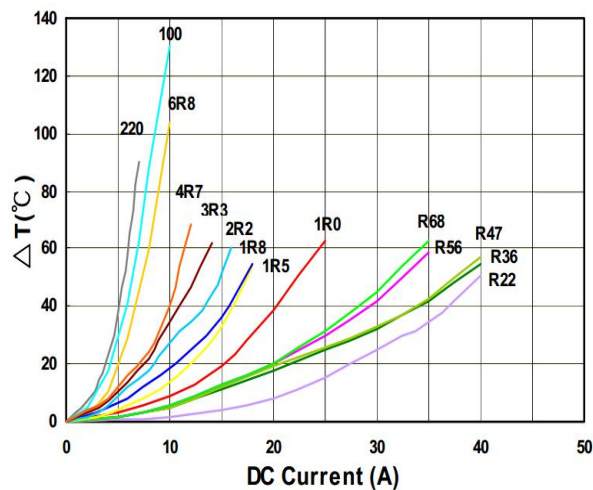
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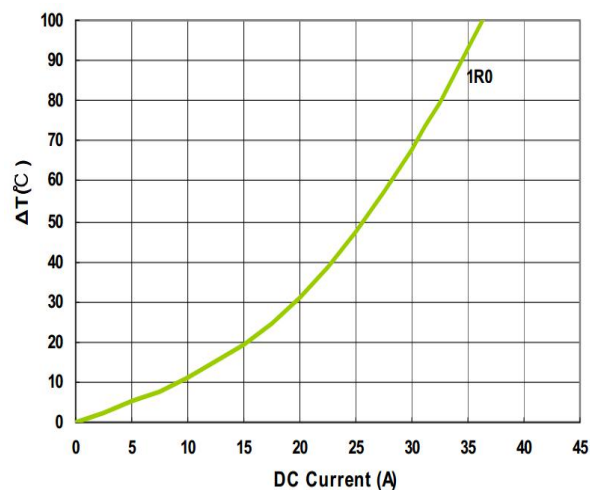
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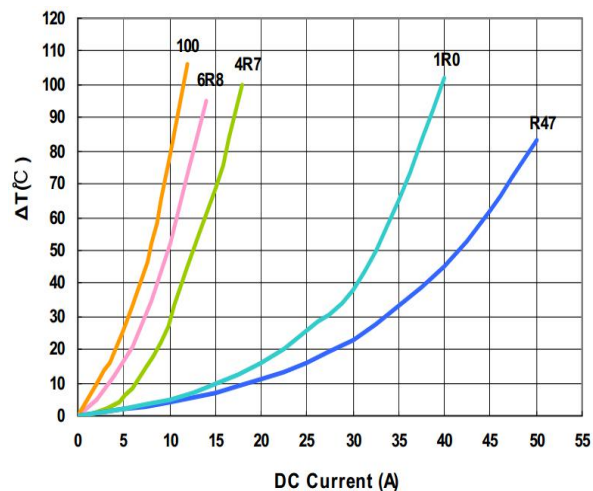
PUPI 1040 TYPE



PUPI 1235 TYPE



PUPI 1250 TYPE



PUPI 1260 TYPE

