



创一科技
CYGE TECHNOLOGY

集成芯片电感
Integrated Chip Inductor
Product Survey 2021 / 2022

匠心致远 追求卓越 感动人心！
Following ingenuity, pursuing excellence, touching hearts



IATF 16949:2016
CN18/31586



ISO 9001 SGS
CN18/31587



ISO 14001 SGS
CN18/31914



ISO 45001 SGS
CN18/31965



体系评定
AITRE A001-IIIIMS



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PHOTO



PRODUCT IDENTIFICATION

SMPC 201610 L - R47 M T
① ② ③ ④ ⑤ ⑥

- ① Product Code SMPC Series
- ② Dimensions (mm) 201610: 2.0 × 1.6 × 1.0
- ③ Electrode shape "L" 型电极 "L" Electrode shape
底部电极 Base electrode
- ④ Inductance R10 0.10 / 2R2 2.20 / 4R7 4.70
- ⑤ Inductance tolerance K = 10% L = 15%
 M = 20% N = 30%
- ⑥ application area C 车规品 For automotive
 H 高信赖品 High reliability
 T 定制品 For customization
 S 标准品 For standard
 P 策略品 For strategy

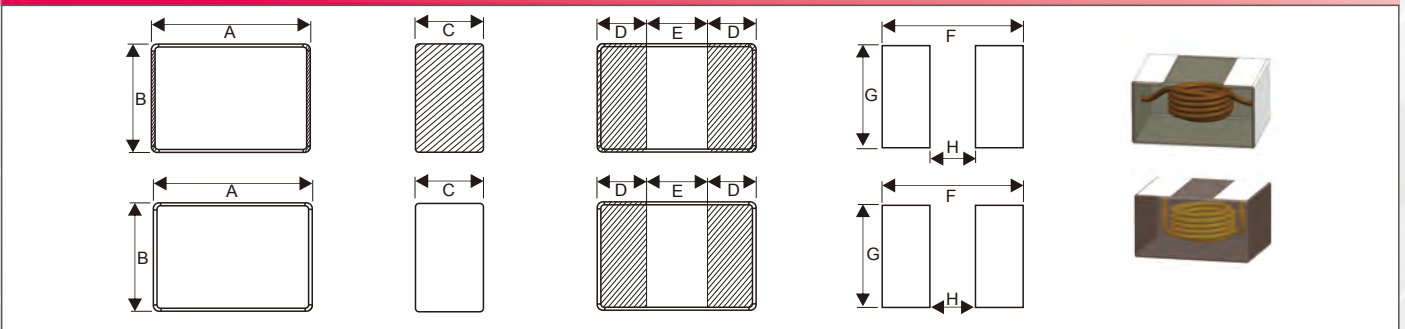
FEATURES

- 低损耗/低阻抗 Low loss, Low DCR
- 低噪音, 磁屏蔽效果好 Low buzz noise, good magnetic shield performance
- 寄生电容小 Small parasitic capacitance

APPLICATION

- 智能手机 Smart phone
- 5G通讯 5G communications
- 物联网 Internet of Things
- 安防设备 Security device
- DC/DC转换 DC/DC Converters

DIMENSIONS



Unit: mm

Type name	A	B	C	C	E	F	G	H	QTY(MPG) pcs/reel
141208	1.4±0.20	1.2±0.20	0.80 Max	0.35±0.20	0.7±0.20	1.6 typ	1.4 typ	0.5 typ	3000
141210	1.4±0.20	1.2±0.20	1.00 Max	0.35±0.20	0.7±0.20	1.6 typ	1.4 typ	0.5 typ	3000
160806	1.6±0.20	0.8±0.20	0.60 Max	0.40±0.20	0.8±0.20	1.8 typ	1.0 typ	0.6 typ	4000
160808	1.6±0.20	0.8±0.20	0.80 Max	0.40±0.20	0.8±0.20	1.8 typ	1.0 typ	0.6 typ	4000
201208	2.0±0.20	1.2±0.20	0.80 Max	0.5±0.30	1.0±0.30	2.4 typ	1.45 typ	0.8 typ	3000
201210	2.0±0.20	1.2±0.20	1.00 Max	0.5±0.30	1.0±0.30	2.4 typ	1.45 typ	0.8 typ	3000
201608	2.0±0.20	1.6±0.20	0.80 Max	0.5±0.30	1.0±0.30	2.4 typ	1.8 typ	0.8 typ	3000
201610	2.0±0.20	1.6±0.20	1.00 Max	0.5±0.30	1.0±0.30	2.4 typ	1.8 typ	0.8 typ	3000
201612	2.0±0.20	1.6±0.20	1.20 Max	0.5±0.30	1.0±0.30	2.4 typ	1.8 typ	0.8 typ	3000
252008	2.5±0.20	2.0±0.20	0.80 Max	0.7±0.30	1.1±0.30	2.8 typ	2.3 typ	0.9 typ	3000
252010	2.5±0.20	2.0±0.20	1.00 Max	0.7±0.30	1.1±0.30	2.8 typ	2.3 typ	0.9 typ	3000
252012	2.5±0.20	2.0±0.20	1.20 Max	0.7±0.30	1.1±0.30	2.8 typ	2.3 typ	0.9 typ	3000
322512	3.2±0.20	2.5±0.20	1.20 Max	1.0±0.30	1.2±0.30	3.5 typ	2.8 typ	1.0 typ	3000
322515	3.2±0.20	2.5±0.20	1.50 Max	1.0±0.30	1.2±0.30	3.5 typ	2.8 typ	1.0 typ	2500
322520	3.2±0.20	2.5±0.20	2.00 Max	1.0±0.30	1.2±0.30	3.5 typ	2.8 typ	1.0 typ	2000
404012	4.0±0.20	4.0±0.20	1.20 Max	1.2±0.30	1.6±0.30	4.3 typ	4.2 typ	1.4 typ	2000
404015	4.0±0.20	4.0±0.20	1.50 Max	1.2±0.30	1.6±0.30	4.3 typ	4.2 typ	1.4 typ	2000
404018	4.0±0.20	4.0±0.20	1.80 Max	1.2±0.30	1.6±0.30	4.3 typ	4.2 typ	1.4 typ	2000
404020	4.0±0.20	4.0±0.20	2.00 Max	1.2±0.30	1.6±0.30	4.3 typ	4.2 typ	1.4 typ	2000

Remark

- 测试的环境温度为25°C, All test data is referenced to 25°C ambient;
- 电感测试条件为用WK3260B或同等设备以1MHz/1.0V测试; Inductance tested at 1MHz/1.0V with WK3260B LCR Meter or equivalent;
- 饱和电流: 加载电流时, 电感量下降30%时的电流值
Isat: DC current at which the initial inductance drops 30% from its initial value without saturation
- 温升电流: 加载电流时, 产品温度上升40°C时的电流值
Isat: DC current that causes the temperature of coil become ΔT=40°C
- 工作温度 (包括自身线圈发热): -55°C~+ 125°C;
Operating temperature rang (including coil's self temperature rise): -55°C~+ 125°C;
- 保存时间为12个月以内, 保存条件 (温度5~30°C、湿度10~75%RH 以下)
The storage period is within 12 months. Be sure to follow the storage conditions (temperature: 5 to 30°C, humidity: 10 to 75% RH or less).



SMPC141208

规格型号 Part No.	感量 Ls(μ H)	直流电阻R _{DC} (m Ω)		温升电流 Irms(A)		饱和电流 Isat(A)	
		Typ	Max	Typ	Max	Typ	Max
SMPC141208L-R24MT	0.24	20.00	24.00	6.00	5.50	7.00	6.50
SMPC141208L-R47MT	0.47	35.00	42.00	4.00	3.50	4.50	4.00
SMPC141208L-1R0MT	1.00	95.00	115.00	3.00	2.50	3.20	2.80
SMPC141208L-R24MS	0.24	25.00	30.00	5.00	4.50	6.00	5.50
SMPC141208L-R47MS	0.47	40.00	50.00	3.30	3.00	3.50	3.20
SMPC141208L-1R0MS	1.00	110.00	130.00	2.50	2.00	2.70	2.30
SMPC141208L-R24MP	0.24	30.00	35.00	4.00	3.50	5.00	4.50
SMPC141208L-R47MP	0.47	50.00	60.00	2.80	2.20	3.00	2.50
SMPC141208L-1R0MP	1.00	125.00	145.00	2.00	1.50	2.20	1.80

SMPC160806

规格型号 Part No.	感量 Ls(μ H)	直流电阻R _{DC} (m Ω)		温升电流 Irms(A)		饱和电流 Isat(A)	
		Typ	Max	Typ	Max	Typ	Max
SMPC160806L - R050MT	0.05	8.00	10.00	9.00	7.00	10.00	8.00
SMPC160806L - R22MT	0.22	20.00	25.00	5.00	4.50	6.50	6.00
SMPC160806L - R24MT	0.24	25.00	30.00	4.80	4.30	5.70	5.20
SMPC160806L - R33MT	0.33	35.00	45.00	3.80	3.50	4.50	4.20
SMPC160806L - R47MT	0.47	50.00	60.00	3.30	3.00	3.80	3.40
SMPC160806L - R68MT	0.68	65.00	80.00	3.10	2.80	3.50	3.20
SMPC160806L - 1R0MT	1.00	100.00	125.00	1.70	1.50	2.00	1.70
SMPC160806L - 1R5MT	1.50	145.00	160.00	1.60	1.40	1.90	1.60
SMPC160806L - 2R2MT	2.20	190.00	220.00	1.50	1.30	1.70	1.50
SMPC160806L - R050MS	0.05	10.00	12.00	8.00	6.50	9.00	7.50
SMPC160806L - R22MS	0.22	22.00	28.00	4.80	4.30	6.00	5.50
SMPC160806L - R24MS	0.24	30.00	35.00	4.30	4.00	5.20	4.80
SMPC160806L - R33MS	0.33	40.00	55.00	3.60	3.30	4.20	3.80
SMPC160806L - R47MS	0.47	65.00	80.00	3.00	2.70	3.50	3.10
SMPC160806L - R68MS	0.68	80.00	95.00	2.80	2.50	3.20	2.80
SMPC160806L - 1R0MS	1.00	135.00	155.00	1.50	1.20	1.80	1.50
SMPC160806L - 1R5MS	1.50	155.00	175.00	1.40	1.20	1.60	1.40
SMPC160806L - 2R2MS	2.20	210.00	245.00	1.20	1.00	1.50	1.30
SMPC160806L - R050MP	0.05	12.00	14.00	7.00	6.00	7.50	6.50
SMPC160806L - R22MP	0.22	25.00	35.00	4.30	3.80	5.50	5.00
SMPC160806L - R24MP	0.24	35.00	40.00	4.30	4.00	5.20	4.80
SMPC160806L - R33MP	0.33	55.00	65.00	3.30	3.00	3.60	3.30
SMPC160806L - R47MP	0.47	80.00	95.00	2.70	2.40	3.00	2.70
SMPC160806L - R68MP	0.68	95.00	110.00	2.50	2.20	2.60	2.20
SMPC160806L - 1R0MP	1.00	145.00	165.00	1.50	1.20	1.80	1.50
SMPC160806L - 1R5MP	1.50	170.00	190.00	1.40	1.20	1.40	1.20
SMPC160806L - 2R2MP	2.20	250.00	280.00	1.50	1.30	1.30	1.10



SMPC160808

规格型号 Part No.	感量 Ls(μ H)	直流电阻R _{DC} (m Ω)		温升电流 I _{rms} (A)		饱和电流 I _{sat} (A)	
		Typ	Max	Typ	Max	Typ	Max
SMPC160808L- R050MT	0.05	6.00	8.00	9.20	7.20	10.30	8.30
SMPC160808L- R22MT	0.22	18.00	23.00	5.50	5.00	6.50	6.10
SMPC160808L- R24MT	0.24	20.00	28.00	5.30	4.80	6.20	5.80
SMPC160808L- R33MT	0.33	33.00	43.00	4.00	3.70	4.60	4.30
SMPC160808L- R47MT	0.47	45.00	55.00	3.60	3.30	4.10	3.80
SMPC160808L- R68MT	0.68	60.00	75.00	3.30	3.00	3.60	3.40
SMPC160808L- 1R0MT	1.00	90.00	115.00	2.50	2.30	2.70	2.50
SMPC160808L- 1R5MT	1.50	140.00	155.00	1.80	1.60	2.00	1.70
SMPC160808L- 2R2MT	2.20	185.00	215.00	1.30	1.10	1.50	1.30
SMPC160808L- R050MS	0.05	8.00	10.00	8.50	6.80	9.50	7.80
SMPC160808L- R22MS	0.22	22.00	27.00	5.20	4.70	6.30	5.80
SMPC160808L- R24MS	0.24	25.00	33.00	5.00	4.50	6.00	5.50
SMPC160808L- R33MS	0.33	38.00	53.00	3.80	3.50	4.30	4.00
SMPC160808L- R47MS	0.47	60.00	75.00	3.30	3.00	3.80	3.50
SMPC160808L- R68MS	0.68	75.00	90.00	3.00	2.70	3.30	3.00
SMPC160808L- 1R0MS	1.00	110.00	130.00	2.20	2.00	2.40	2.20
SMPC160808L- 1R5MS	1.50	150.00	170.00	1.60	1.40	1.70	1.50
SMPC160808L- 2R2MS	2.20	205.00	240.00	1.20	1.00	1.30	1.20
SMPC160808L- R050MP	0.05	10.00	12.00	7.50	6.50	8.00	7.50
SMPC160808L- R22MP	0.22	23.00	33.00	5.00	4.40	6.20	5.50
SMPC160808L- R24MP	0.24	30.00	38.00	4.80	4.20	5.80	5.20
SMPC160808L- R33MP	0.33	52.00	63.00	3.30	3.00	3.60	3.30
SMPC160808L- R47MP	0.47	75.00	85.00	3.00	2.70	3.50	3.20
SMPC160808L- R68MP	0.68	90.00	105.00	2.70	2.40	2.80	2.50
SMPC160808L- 1R0MP	1.00	130.00	150.00	2.20	2.00	2.40	2.20
SMPC160808L- 1R5MP	1.50	165.00	185.00	1.50	1.30	1.50	1.30
SMPC160808L- 2R2MP	2.20	230.00	275.00	1.00	0.70	1.20	1.10



SMPC201208 / SMPC201210

规格型号 Part No.	感量 Ls(μ H)	直流电阻R _{DC} (m Ω)		温升电流 I _{rms} (A)		饱和电流 I _{sat} (A)	
		Typ	Max	Typ	Max	Typ	Max
SMPC201208L-R47MT	0.47	30.00	36.00	4.20	3.80	4.80	4.30
SMPC201208L-1R0MT	1.00	80.00	95.00	3.30	2.80	3.60	3.00
SMPC201208L-2R2MT	2.20	160.00	180.00	2.20	1.80	2.50	2.00
SMPC201210L-R47MT	0.47	28.00	34.00	4.50	4.00	5.00	4.50
SMPC201210L-1R0MT	1.00	65.00	75.00	3.60	3.20	4.00	3.30
SMPC201210L-2R2MT	2.20	145.00	160.00	2.40	2.00	2.70	2.20
SMPC201208L-R47MS	0.47	38.00	45.00	3.60	3.20	4.50	4.00
SMPC201208L-1R0MS	1.00	95.00	110.00	2.80	2.20	3.00	2.50
SMPC201208L-2R2MS	2.20	180.00	200.00	1.80	1.30	2.00	1.60
SMPC201210L-R47MS	0.47	35.00	42.00	3.80	3.50	4.70	4.20
SMPC201210L-1R0MS	1.00	80.00	90.00	3.00	2.50	3.30	2.70
SMPC201210L-2R2MS	2.20	165.00	180.00	1.90	1.60	2.20	1.80
SMPC201208L-R47MP	0.47	45.00	50.00	3.00	2.80	4.00	3.50
SMPC201208L-1R0MP	1.00	105.00	120.00	2.30	1.80	2.50	2.00
SMPC201208L-2R2MP	2.20	200.00	220.00	1.40	1.10	1.80	1.40
SMPC201210L-R47MP	0.47	42.00	47.00	3.20	3.00	4.30	4.00
SMPC201210L-1R0MP	1.00	90.00	100.00	2.50	2.00	2.70	2.20
SMPC201210L-2R2MP	2.20	180.00	200.00	1.50	1.20	1.90	1.50



SMPC201608 / SMPC201610 / SMPC201612

规格型号 Part No.	感量 Ls(μ H)	直流电阻R _{DC} (m Ω)		温升电流 I _{rms} (A)		饱和电流 I _{sat} (A)	
		Typ	Max	Typ	Max	Typ	Max
SMPC201608L-R47MT	0.47	26.00	32.00	4.80	4.30	5.20	4.80
SMPC201608L-1R0MT	1.00	55.00	62.00	3.70	3.40	4.30	3.60
SMPC201608L-2R2MT	2.20	125.00	140.00	2.60	2.30	2.90	2.50
SMPC201608L-3R3MT	3.30	180.00	200.00	2.00	1.80	2.20	2.00
SMPC201610L-R47MT	0.47	23.00	28.00	5.00	4.50	5.50	5.00
SMPC201610L-1R0MT	1.00	50.00	57.00	4.00	3.60	4.50	4.00
SMPC201610L-2R2MT	2.20	110.00	125.00	3.00	2.50	3.20	2.80
SMPC201610L-3R3MT	3.30	155.00	175.00	2.20	2.00	2.40	2.20
SMPC201612L-R47MT	0.47	22.00	27.00	5.30	5.00	5.90	5.50
SMPC201612L-1R0MT	1.00	48.00	55.00	4.20	3.80	4.70	4.20
SMPC201612L-2R2MT	2.20	98.00	110.00	3.20	2.70	3.50	3.00
SMPC201612L-3R3MT	3.30	145.00	165.00	2.60	2.30	2.90	2.50
SMPC201608L-R47MS	0.47	34.00	40.00	4.10	3.70	4.90	4.50
SMPC201608L-1R0MS	1.00	65.00	75.00	3.20	2.90	3.50	3.00
SMPC201608L-2R2MS	2.20	145.00	160.00	2.10	1.80	2.40	2.00
SMPC201608L-3R3MS	3.30	195.00	215.00	1.90	1.60	2.00	1.80
SMPC201610L-R47MS	0.47	28.00	35.00	4.70	4.30	5.20	4.80
SMPC201610L-1R0MS	1.00	60.00	70.00	3.50	3.10	3.80	3.50
SMPC201610L-2R2MS	2.20	125.00	140.00	2.60	2.10	2.90	2.40
SMPC201610L-3R3MS	3.30	175.00	195.00	2.10	1.80	2.20	2.00
SMPC201612L-R47MS	0.47	27.00	32.00	5.00	4.50	5.50	5.00
SMPC201612L-1R0MS	1.00	52.00	60.00	3.70	3.30	4.10	3.70
SMPC201612L-2R2MS	2.20	110.00	125.00	2.70	2.20	3.00	2.50
SMPC201612L-3R3MS	3.30	155.00	175.00	2.20	2.00	2.40	2.20
SMPC201608L-R47MP	0.47	40.00	45.00	3.50	3.20	4.20	4.20
SMPC201608L-1R0MP	1.00	75.00	85.00	2.90	2.40	2.80	2.50
SMPC201608L-2R2MP	2.20	160.00	180.00	1.70	1.50	2.00	1.70
SMPC201608L-3R3MP	3.30	215.00	235.00	1.50	1.30	1.80	1.50
SMPC201610L-R47MP	0.47	35.00	40.00	4.00	3.50	4.90	4.50
SMPC201610L-1R0MP	1.00	70.00	80.00	3.10	2.70	3.50	3.00
SMPC201610L-2R2MP	2.20	140.00	160.00	2.20	1.80	2.50	2.00
SMPC201610L-3R3MP	3.30	195.00	215.00	1.70	1.50	2.00	1.70
SMPC201612L-R47MP	0.47	33.00	38.00	4.50	4.00	5.20	4.80
SMPC201612L-1R0MP	1.00	62.00	70.00	3.20	2.90	3.60	3.20
SMPC201612L-2R2MP	2.20	130.00	145.00	2.50	2.00	2.70	2.20
SMPC201612L-3R3MP	3.30	175.00	195.00	1.90	1.70	2.20	2.00



SMPC252008/SMPC252010/SMPC252012

规格型号 Part No.	感量 Ls(μ H)	直流电阻R _{DC} (m Ω)		温升电流 I _{rms} (A)		饱和电流 I _{sat} (A)	
		Typ	Max	Typ	Max	Typ	Max
SMPC252008L-R47MT	0.47	20.00	25.00	5.30	5.00	6.30	6.00
SMPC252008L-1R0MT	1.00	52.00	58.00	4.50	4.00	5.00	4.50
SMPC252008L-2R2MT	2.20	95.00	110.00	3.10	2.70	3.50	3.00
SMPC252008L-3R3MT	3.30	145.00	165.00	2.20	1.80	2.50	2.20
SMPC252010L-R47MT	0.47	18.00	23.00	5.50	5.20	6.50	6.20
SMPC252010L-1R0MT	1.00	46.00	52.00	4.80	4.30	5.20	4.80
SMPC252010L-2R2MT	2.20	85.00	98.00	3.30	3.00	3.70	3.30
SMPC252010L-3R3MT	3.30	130.00	150.00	2.50	2.00	3.00	2.50
SMPC252012L-R47MT	0.47	17.00	21.00	6.50	6.00	7.50	7.00
SMPC252012L-1R0MT	1.00	44.00	50.00	5.00	4.50	6.00	5.20
SMPC252012L-2R2MT	2.20	75.00	85.00	3.50	3.20	4.00	3.50
SMPC252012L-3R3MT	3.30	120.00	140.00	2.80	2.30	3.00	2.80
SMPC252008L-R47MS	0.47	25.00	30.00	5.00	4.50	6.00	5.50
SMPC252008L-1R0MS	1.00	56.00	62.00	4.10	3.60	4.70	4.20
SMPC252008L-2R2MS	2.20	105.00	120.00	2.90	2.50	3.20	2.80
SMPC252008L-3R3MS	3.30	155.00	175.00	2.00	1.60	2.30	2.00
SMPC252010L-R47MS	0.47	23.00	28.00	5.50	5.00	6.00	5.50
SMPC252010L-1R0MS	1.00	50.00	55.00	4.20	3.80	4.80	4.20
SMPC252010L-2R2MS	2.20	98.00	110.00	2.80	2.50	3.00	2.70
SMPC252010L-3R3MS	3.30	140.00	160.00	2.30	1.80	2.80	2.30
SMPC252012L-R47MS	0.47	22.00	27.00	6.00	5.50	6.50	6.00
SMPC252012L-1R0MS	1.00	47.00	52.00	4.50	4.00	5.00	4.50
SMPC252012L-2R2MS	2.20	85.00	100.00	3.20	2.70	3.50	3.00
SMPC252012L-3R3MS	3.30	130.00	150.00	2.50	2.00	3.00	2.50
SMPC252008L-R47MP	0.47	35.00	40.00	4.50	4.00	5.00	4.50
SMPC252008L-1R0MP	1.00	62.00	70.00	4.00	3.50	4.50	4.00
SMPC252008L-2R2MP	2.20	125.00	140.00	2.40	2.20	2.80	2.50
SMPC252008L-3R3MP	3.30	170.00	190.00	1.80	1.40	2.10	1.80
SMPC252010L-R47MP	0.47	30.00	35.00	5.00	4.50	5.50	5.00
SMPC252010L-1R0MP	1.00	57.00	62.00	3.70	3.30	4.20	3.80
SMPC252010L-2R2MP	2.20	115.00	130.00	2.80	2.20	3.00	2.40
SMPC252010L-3R3MP	3.30	155.00	175.00	2.10	1.60	2.60	2.10
SMPC252012L-R47MP	0.47	28.00	33.00	5.00	4.50	5.70	5.20
SMPC252012L-1R0MP	1.00	50.00	60.00	4.00	3.50	4.50	4.00
SMPC252012L-2R2MP	2.20	100.00	115.00	3.00	2.50	3.20	2.70
SMPC252012L-3R3MP	3.30	145.00	165.00	2.30	1.80	2.80	2.30



SMPC322512 / SMPC322515 / SMPC322520

规格型号 Part No.	感量 Ls(μ H)	直流电阻R _{DC} (m Ω)		温升电流 I _{rms} (A)		饱和电流 I _{sat} (A)	
		Typ	Max	Typ	Max	Typ	Max
SMPC322512L-R47MT	0.47	16.00	19.00	7.50	7.00	8.00	7.50
SMPC322512L-1R0MT	1.00	30.00	35.00	5.50	4.90	6.20	5.60
SMPC322512L-2R2MT	2.20	65.00	75.00	4.20	3.70	4.50	4.00
SMPC322512L-3R3MT	3.30	100.00	115.00	3.00	2.60	3.50	3.00
SMPC322515L-R47MT	0.47	15.00	17.50	8.00	7.50	8.50	8.00
SMPC322515L-1R0MT	1.00	28.00	33.00	6.00	5.50	6.50	6.00
SMPC322515L-2R2MT	2.20	55.00	65.00	4.60	4.20	5.00	4.50
SMPC322515L-3R3MT	3.30	90.00	105.00	3.50	3.00	4.00	3.50
SMPC322520L-R47MT	0.47	13.00	15.50	8.50	8.00	9.50	9.00
SMPC322520L-1R0MT	1.00	24.00	28.00	7.00	6.50	7.50	7.00
SMPC322520L-2R2MT	2.20	45.00	55.00	5.00	4.60	5.50	5.00
SMPC322520L-3R3MT	3.30	85.00	95.00	4.00	3.50	4.50	4.00
SMPC322520L-4R7MT	4.70	110.00	125.00	3.00	2.60	3.50	3.00
SMPC322512L-R47MS	0.47	20.00	24.00	6.50	6.00	7.00	6.50
SMPC322512L-1R0MS	1.00	40.00	45.00	4.80	4.20	5.70	5.00
SMPC322512L-2R2MS	2.20	80.00	90.00	3.70	3.20	4.00	3.50
SMPC322512L-3R3MS	3.30	120.00	135.00	2.50	2.00	3.00	2.50
SMPC322515L-R47MS	0.47	19.00	23.00	7.00	6.50	7.50	7.00
SMPC322515L-1R0MS	1.00	36.00	42.00	5.00	4.50	6.00	5.50
SMPC322515L-2R2MS	2.20	70.00	80.00	4.20	3.80	4.50	4.00
SMPC322515L-3R3MS	3.30	110.00	125.00	3.00	2.50	3.50	3.00
SMPC322520L-R47MS	0.47	17.00	20.00	7.50	7.00	8.50	8.00
SMPC322520L-1R0MS	1.00	29.00	33.00	6.00	5.50	6.50	6.00
SMPC322520L-2R2MS	2.20	55.00	65.00	4.50	4.00	5.00	4.50
SMPC322520L-3R3MS	3.30	100.00	110.00	3.50	3.00	4.00	3.50
SMPC322520L-4R7MS	4.70	130.00	145.00	2.50	2.00	3.00	2.50
SMPC322512L-R47MP	0.47	25.00	30.00	5.50	5.00	6.50	6.00
SMPC322512L-1R0MP	1.00	47.00	52.00	4.50	4.00	5.00	4.50
SMPC322512L-2R2MP	2.20	90.00	100.00	3.20	2.80	3.50	3.00
SMPC322512L-3R3MP	3.30	135.00	150.00	2.20	1.70	2.50	2.00
SMPC322515L-R47MP	0.47	24.00	28.00	6.50	6.00	7.00	6.50
SMPC322515L-1R0MP	1.00	45.00	50.00	4.50	4.00	5.50	5.00
SMPC322515L-2R2MP	2.20	80.00	90.00	3.50	3.00	4.00	3.50
SMPC322515L-3R3MP	3.30	125.00	140.00	2.50	2.00	3.00	2.50
SMPC322520L-R47MP	0.47	21.00	25.00	7.00	6.50	7.50	7.00
SMPC322520L-1R0MP	1.00	32.00	40.00	5.00	4.50	6.00	5.50
SMPC322520L-2R2MP	2.20	70.00	80.00	4.00	3.50	4.50	4.00
SMPC322520L-3R3MP	3.30	115.00	125.00	3.00	2.50	3.50	3.00
SMPC322520L-4R7MP	4.70	150.00	165.00	2.00	1.50	2.50	2.00



SMPC404010

规格型号 Part No.	感量 Ls(μ H)	直流电阻R _{DC} (m Ω)		温升电流 I _{rms} (A)		饱和电流 I _{sat} (A)	
		Typ	Max	Typ	Max	Typ	Max
SMPC404010L-R47MT	0.47	16.00	18.00	9.00	8.50	9.50	9.00
SMPC404010L-R68MT	0.68	22.00	27.00	7.50	6.50	8.50	7.50
SMPC404010L-1R0MT	1.00	31.00	36.00	6.70	5.70	7.20	6.20
SMPC404010L-1R5MT	1.50	51.00	58.00	5.20	4.70	5.70	5.20
SMPC404010L-2R2MT	2.20	57.00	67.00	4.50	4.00	5.00	4.50
SMPC404010L-3R3MT	3.30	85.00	100.00	4.00	3.50	4.50	4.00
SMPC404010L-4R7MT	4.70	110.00	130.00	3.30	2.80	3.80	3.30
SMPC404010L-6R8MT	6.80	150.00	175.00	2.70	2.30	3.20	2.80
SMPC404010L-100MT	10.0	250.00	290.00	2.45	2.00	2.95	2.40
SMPC404010L-R47MS	0.47	19.00	22.00	8.00	7.50	8.50	8.00
SMPC404010L-R68MS	0.68	32.00	37.00	6.50	5.50	7.50	6.50
SMPC404010L-1R0MS	1.00	41.00	46.00	6.00	5.00	6.50	5.50
SMPC404010L-1R5MS	1.50	61.00	68.00	4.50	4.00	5.00	4.50
SMPC404010L-2R2MS	2.20	72.00	82.00	4.00	3.50	4.50	4.00
SMPC404010L-3R3MS	3.30	105.00	120.00	3.50	3.00	4.00	3.50
SMPC404010L-4R7MS	4.70	130.00	150.00	2.80	2.30	3.30	2.80
SMPC404010L-6R8MS	6.80	170.00	195.00	2.20	1.80	2.70	2.30
SMPC404010L-100MS	10.0	270.00	310.00	1.95	1.60	2.45	1.90
SMPC404010L-R47MP	0.47	27.00	30.00	7.00	6.50	8.00	7.50
SMPC404010L-R68MP	0.68	40.00	45.00	5.50	4.50	7.00	6.00
SMPC404010L-1R0MP	1.00	49.00	54.00	5.00	4.00	6.20	5.20
SMPC404010L-1R5MP	1.50	69.00	76.00	4.00	3.50	4.50	4.00
SMPC404010L-2R2MP	2.20	82.00	92.00	3.50	3.00	4.00	3.50
SMPC404010L-3R3MP	3.30	120.00	135.00	3.00	2.50	3.50	3.00
SMPC404010L-4R7MP	4.70	150.00	170.00	2.30	1.80	2.80	2.30
SMPC404010L-6R8MP	6.80	190.00	215.00	1.70	1.30	2.20	1.80
SMPC404010L-100MP	10.0	290.00	330.00	1.45	1.10	1.95	1.40



SMPC404012

规格型号 Part No.	感量 Ls(μ H)	直流电阻R _{DC} (m Ω)		温升电流 I _{rms} (A)		饱和电流 I _{sat} (A)	
		Typ	Max	Typ	Max	Typ	Max
SMPC404012L-R47MT	0.47	14.00	16.00	9.50	9.00	10.00	9.50
SMPC404012L-R68MT	0.68	20.00	25.00	8.00	7.00	9.00	8.00
SMPC404012L-1R0MT	1.00	28.00	33.00	7.20	6.20	7.70	6.70
SMPC404012L-1R5MT	1.50	48.00	55.00	5.70	5.20	6.20	5.70
SMPC404012L-2R2MT	2.20	55.00	65.00	5.00	4.50	5.50	5.00
SMPC404012L-3R3MT	3.30	80.00	95.00	4.50	4.00	5.00	4.50
SMPC404012L-4R7MT	4.70	105.00	125.00	3.50	3.00	4.00	3.50
SMPC404012L-6R8MT	6.80	160.00	185.00	3.00	2.50	3.50	3.00
SMPC404012L-100MT	10.0	240.00	280.00	2.70	2.30	3.00	2.50
SMPC404012L-150MT	15.0	320.00	360.00	2.50	2.00	2.70	2.30
SMPC404012L-R47MS	0.47	17.00	20.00	8.50	8.00	9.00	8.50
SMPC404012L-R68MS	0.68	30.00	35.00	7.00	6.00	8.00	7.00
SMPC404012L-1R0MS	1.00	38.00	43.00	6.50	5.50	7.00	6.00
SMPC404012L-1R5MS	1.50	58.00	65.00	5.00	4.50	5.50	5.00
SMPC404012L-2R2MS	2.20	70.00	80.00	4.50	4.00	5.00	4.50
SMPC404012L-3R3MS	3.30	100.00	115.00	4.00	3.50	4.50	4.00
SMPC404012L-4R7MS	4.70	125.00	145.00	3.00	2.50	3.50	3.00
SMPC404012L-6R8MS	6.80	180.00	205.00	2.50	2.00	3.00	2.50
SMPC404012L-100MS	10.0	260.00	300.00	2.20	1.80	2.50	2.00
SMPC404012L-150MS	15.0	350.00	390.00	2.00	1.50	2.20	1.80
SMPC404012L-R47MP	0.47	25.00	28.00	7.50	7.00	8.00	7.50
SMPC404012L-R68MP	0.68	38.00	43.00	6.00	5.00	7.00	6.00
SMPC404012L-1R0MP	1.00	46.00	51.00	5.50	4.50	6.00	5.00
SMPC404012L-1R5MP	1.50	66.00	73.00	4.50	4.00	5.00	4.50
SMPC404012L-2R2MP	2.20	80.00	90.00	4.00	3.50	4.50	4.00
SMPC404012L-3R3MP	3.30	115.00	130.00	3.50	3.00	4.00	3.50
SMPC404012L-4R7MP	4.70	145.00	165.00	2.50	2.00	3.00	2.50
SMPC404012L-6R8MP	6.80	200.00	225.00	2.00	1.50	2.50	2.00
SMPC404012L-100MP	10.0	280.00	320.00	1.70	1.30	2.00	1.50
SMPC404012L-150MP	15.0	375.00	415.00	1.50	1.20	1.70	1.30



SMPC404015

规格型号 Part No.	感量 Ls(μ H)	直流电阻R _{DC} (m Ω)		温升电流 I _{rms} (A)		饱和电流 I _{sat} (A)	
		Typ	Max	Typ	Max	Typ	Max
SMPC404015L-R47MT	0.47	12.00	15.00	10.00	9.50	10.50	10.00
SMPC404015L-R68MT	0.68	18.00	23.00	8.50	7.50	9.50	8.50
SMPC404015L-1R0MT	1.00	25.00	30.00	7.70	6.70	8.20	7.20
SMPC404015L-1R5MT	1.50	45.00	52.00	6.20	5.70	6.70	6.20
SMPC404015L-2R2MT	2.20	52.00	62.00	5.50	5.00	6.00	5.50
SMPC404015L-3R3MT	3.30	75.00	90.00	5.00	4.50	5.50	5.00
SMPC404015L-4R7MT	4.70	100.00	120.00	3.70	3.20	4.20	3.70
SMPC404015L-6R8MT	6.80	150.00	175.00	3.30	2.70	3.70	3.30
SMPC404015L-100MT	10.0	230.00	270.00	3.00	2.50	3.30	2.70
SMPC404015L-150MT	15.0	305.00	345.00	2.70	2.30	3.00	2.50
SMPC404015L-R47MS	0.47	15.00	18.00	9.00	8.50	9.50	9.00
SMPC404015L-R68MS	0.68	28.00	33.00	7.50	6.50	8.50	7.50
SMPC404015L-1R0MS	1.00	35.00	40.00	7.00	6.00	7.50	6.50
SMPC404015L-1R5MS	1.50	55.00	62.00	5.50	5.00	6.00	5.50
SMPC404015L-2R2MS	2.20	67.00	77.00	5.00	4.50	5.50	5.00
SMPC404015L-3R3MS	3.30	95.00	110.00	4.50	4.00	5.00	4.50
SMPC404015L-4R7MS	4.70	120.00	140.00	3.20	2.70	3.70	3.20
SMPC404015L-6R8MS	6.80	170.00	195.00	2.80	2.20	3.20	2.80
SMPC404015L-100MS	10.0	250.00	290.00	2.50	2.00	2.80	2.20
SMPC404015L-150MS	15.0	335.00	375.00	2.20	1.80	2.50	2.00
SMPC404015L-R47MP	0.47	23.00	26.00	8.00	7.50	8.50	8.00
SMPC404015L-R68MP	0.68	36.00	41.00	6.50	5.50	7.50	6.50
SMPC404015L-1R0MP	1.00	43.00	48.00	6.00	5.00	6.50	5.50
SMPC404015L-1R5MP	1.50	63.00	70.00	5.00	4.50	5.50	5.00
SMPC404015L-2R2MP	2.20	77.00	87.00	4.50	4.00	5.00	4.50
SMPC404015L-3R3MP	3.30	110.00	125.00	4.00	3.50	4.50	4.00
SMPC404015L-4R7MP	4.70	140.00	160.00	2.70	2.20	3.20	2.70
SMPC404015L-6R8MP	6.80	190.00	215.00	2.30	1.70	2.70	2.30
SMPC404015L-100MP	10.0	270.00	310.00	2.00	1.50	2.30	1.70
SMPC404015L-150MP	15.0	360.00	400.00	1.70	1.30	2.00	1.50



SMPC404018

规格型号 Part No.	感量 Ls(μ H)	直流电阻R _{DC} (m Ω)		温升电流 I _{rms} (A)		饱和电流 I _{sat} (A)	
		Typ	Max	Typ	Max	Typ	Max
SMPC404018L-R47MT	0.47	10.00	13.00	10.50	10.00	11.00	10.50
SMPC404018L-R68MT	0.68	15.00	20.00	9.00	8.00	10.00	9.00
SMPC404018L-1R0MT	1.00	22.00	27.00	8.20	7.20	8.60	7.70
SMPC404018L-1R5MT	1.50	42.00	49.00	6.70	6.20	7.20	6.60
SMPC404018L-2R2MT	2.20	50.00	60.00	6.00	5.50	6.60	6.00
SMPC404018L-3R3MT	3.30	70.00	85.00	5.50	5.00	6.00	5.50
SMPC404018L-4R7MT	4.70	95.00	115.00	4.00	3.50	4.50	4.00
SMPC404018L-6R8MT	6.80	140.00	165.00	3.50	3.00	4.00	3.50
SMPC404018L-100MT	10.0	220.00	260.00	3.30	2.70	3.50	3.00
SMPC404018L-150MT	15.0	300.00	340.00	3.00	2.50	3.30	2.70
SMPC404018L-220MT	22.0	370.00	420.00	2.70	2.30	3.00	2.50
SMPC404018L-R47MS	0.47	13.00	16.00	9.50	9.00	10.00	9.50
SMPC404018L-R68MS	0.68	25.00	30.00	8.00	7.00	9.00	8.00
SMPC404018L-1R0MS	1.00	32.00	37.00	7.50	6.50	8.00	7.00
SMPC404018L-1R5MS	1.50	52.00	59.00	6.00	5.50	6.50	6.00
SMPC404018L-2R2MS	2.20	65.00	75.00	5.50	5.00	6.00	5.50
SMPC404018L-3R3MS	3.30	90.00	105.00	5.00	4.50	5.50	5.00
SMPC404018L-4R7MS	4.70	115.00	135.00	3.50	3.00	4.00	3.50
SMPC404018L-6R8MS	6.80	160.00	185.00	3.00	2.50	3.50	3.00
SMPC404018L-100MS	10.0	240.00	280.00	2.80	2.20	3.00	2.50
SMPC404018L-150MS	15.0	320.00	360.00	2.50	2.00	2.80	2.20
SMPC404018L-220MS	22.0	400.00	450.00	2.20	1.80	2.50	2.00
SMPC404018L-R47MP	0.47	21.00	24.00	8.50	8.00	9.00	8.50
SMPC404018L-R68MP	0.68	33.00	38.00	7.00	6.00	8.00	7.00
SMPC404018L-1R0MP	1.00	40.00	45.00	6.50	5.50	7.00	6.00
SMPC404018L-1R5MP	1.50	60.00	67.00	5.50	5.00	6.00	5.50
SMPC404018L-2R2MP	2.20	75.00	85.00	5.00	4.50	5.50	5.00
SMPC404018L-3R3MP	3.30	105.00	120.00	4.50	4.00	5.00	4.50
SMPC404018L-4R7MP	4.70	135.00	155.00	3.00	2.50	3.50	3.00
SMPC404018L-6R8MP	6.80	180.00	205.00	2.50	2.00	3.00	2.50
SMPC404018L-100MP	10.0	260.00	300.00	2.30	1.70	2.50	2.00
SMPC404018L-150MP	15.0	345.00	385.00	2.00	1.50	2.30	1.70
SMPC404018L-220MP	22.0	425.00	475.00	1.70	1.30	2.20	1.50



SMPC404020

规格型号 Part No.	感量 Ls(μ H)	直流电阻R _{DC} (m Ω)		温升电流 I _{rms} (A)		饱和电流 I _{sat} (A)	
		Typ	Max	Typ	Max	Typ	Max
SMPC404020L-R47MT	0.47	8.00	11.00	10.50	10.00	11.00	10.50
SMPC404020L-R68MT	0.68	12.00	17.00	9.50	8.50	10.50	9.50
SMPC404020L-1R0MT	1.00	20.00	25.00	8.70	7.70	9.20	8.20
SMPC404020L-1R5MT	1.50	39.00	46.00	7.20	6.70	7.70	7.20
SMPC404020L-2R2MT	2.20	47.00	57.00	6.50	6.00	7.00	6.50
SMPC404020L-3R3MT	3.30	65.00	80.00	6.00	5.50	6.50	6.00
SMPC404020L-4R7MT	4.70	90.00	110.00	4.30	3.70	4.70	4.30
SMPC404020L-6R8MT	6.80	130.00	155.00	3.70	3.30	4.30	3.70
SMPC404020L-100MT	10.0	210.00	250.00	3.50	3.00	3.70	3.30
SMPC404020L-150MT	15.0	285.00	325.00	3.30	2.70	3.50	3.00
SMPC404020L-220MT	22.0	350.00	400.00	3.00	2.50	3.30	2.70
SMPC404020L-R47MS	0.47	11.00	14.00	9.50	9.00	10.00	9.50
SMPC404020L-R68MS	0.68	22.00	27.00	8.50	7.50	9.50	8.50
SMPC404020L-1R0MS	1.00	30.00	35.00	8.00	7.00	8.50	7.50
SMPC404020L-1R5MS	1.50	49.00	56.00	6.50	6.00	7.00	6.50
SMPC404020L-2R2MS	2.20	62.00	72.00	6.00	5.50	6.50	6.00
SMPC404020L-3R3MS	3.30	85.00	100.00	5.50	5.00	6.00	5.50
SMPC404020L-4R7MS	4.70	110.00	130.00	3.80	3.20	4.20	3.80
SMPC404020L-6R8MS	6.80	150.00	175.00	3.20	2.80	3.80	3.20
SMPC404020L-100MS	10.0	250.00	270.00	3.00	2.50	3.20	2.80
SMPC404020L-150MS	15.0	305.00	345.00	2.80	2.20	3.00	2.50
SMPC404020L-220MS	22.0	380.00	430.00	2.50	2.00	2.80	2.20
SMPC404020L-R47MP	0.47	19.00	22.00	8.50	8.00	9.00	8.50
SMPC404020L-R68MP	0.68	30.00	35.00	7.50	6.50	8.50	7.50
SMPC404020L-1R0MP	1.00	38.00	43.00	7.00	6.00	7.50	6.50
SMPC404020L-1R5MP	1.50	57.00	64.00	6.00	5.50	6.50	6.00
SMPC404020L-2R2MP	2.20	72.00	82.00	5.50	5.00	6.00	5.50
SMPC404020L-3R3MP	3.30	100.00	115.00	5.00	4.50	5.50	5.00
SMPC404020L-4R7MP	4.70	130.00	150.00	3.30	2.70	3.70	3.30
SMPC404020L-6R8MP	6.80	170.00	195.00	2.70	2.30	3.30	2.70
SMPC404020L-100MP	10.0	250.00	290.00	2.50	2.00	2.70	2.30
SMPC404020L-150MP	15.0	325.00	370.00	2.30	1.70	2.50	2.00
SMPC404020L-220MP	22.0	405.00	455.00	2.00	1.50	2.30	1.70