



THE DATASHEET OF SWPA5012S2R2NT



绕线贴片功率电感—SWPA 系列

Wire Wound SMD Power Inductors – SWPA Series

Operating temperature range: -40°C~+125°C (Including self-heating)



特征

- 磁性胶水涂敷结构极大减少了蜂鸣声
- 在磁芯上金属化电极，抗跌落冲击强，经久耐用
- 闭合磁路结构设计，漏磁少，抗 EMI 能力强
- 电流特性较同等尺寸传统电感高出 30%以上
- 省空间，更省电

FEATURES

- Magnetic-resin shielded construction reduces buzz noise to ultra-low levels
- Metallization on ferrite core results in excellent shock resistance and damage-free durability
- Closed magnetic circuit design reduces leakage flux and Electro Magnetic Interference (EMI)
- 30% higher current rating than conventional inductors of equal size
- Takes up less PCB real estate and save more

用途

- 智能手机、智能电视、机顶盒、笔记本电脑
- 车载导航影音、通讯设备
- 虚拟现实、增强现实
- LED 照明

APPLICATIONS

- Smart phone, smart TV, set top box, notebook
- Car navigation systems, telecomm base stations
- VR, AR
- LED lighting

产品型号

SWPA **3012** **S** **1R0**
 ① ② ③ ④

| | |
|-----------|---|
| ① 分类 Type | |
| SWPA | 绕线贴片功率电感 Wire Wound SMD Power Inductor |

| | |
|---------------------|--------------|
| ③ 特性类型 Feature Type | |
| S | 标准型 Standard |

| | |
|----------------------------|---------------|
| ④ 公称电感量 Nominal Inductance | |
| Example | Nominal Value |
| 1R0 | 1.0μH |
| 100 | 10μH |

| | |
|-----------------------------|------|
| ⑤ 感量精度 Inductance Tolerance | |
| K | ±10% |
| M | ±20% |
| N | ±30% |

| | |
|--------------|----------------------|
| ⑥ 包装 Packing | |
| T | Tape Carrier Package |

| | |
|--------------------|---------------------------|
| ⑦ 设计代号 Design Code | |
| □□□ | Standard product is blank |

PRODUCT IDENTIFICATION

N **T** □□□
 ⑤ ⑥ ⑦

| | |
|--|-------------|
| ② 外形尺寸尺寸(L×W×H) [mm] External Dimensions (L×W×H) [mm] | |
| 252010 | 2.5×2.0×1.0 |
| 252012 | 2.5×2.0×1.2 |
| 3010 | 3.0×3.0×1.0 |
| 3012 | 3.0×3.0×1.2 |
| 3015 | 3.0×3.0×1.5 |
| 4010 | 4.0×4.0×1.0 |
| 4012 | 4.0×4.0×1.2 |
| 4018 | 4.0×4.0×1.8 |
| 4020 | 4.0×4.0×2.0 |
| 4030 | 4.0×4.0×3.0 |
| 5012 | 5.0×5.0×1.2 |
| 5020 | 5.0×5.0×2.0 |
| 5040 | 5.0×5.0×4.0 |
| 5045 | 5.0×5.0×4.5 |
| 6020 | 6.0×6.0×2.0 |
| 6028 | 6.0×6.0×2.8 |
| 6045 | 6.0×6.0×4.5 |
| 8040 | 8.0×8.0×4.0 |
| 8060 | 8.0×8.0×6.0 |
| 8065 | 8.0×8.0×6.5 |

外观尺寸

SHAPE AND DIMENSIONS

Fig.1



Fig.2



Fig.3



Recommended Land Pattern

Unit: mm

| Series | Shape | A | B | C | D | E | F | a Typ. | b Typ. | c Typ. |
|-------------|-------|---------|---------|----------|---------|----------|----------|--------|--------|--------|
| SWPA252010S | Fig.1 | 2.5±0.1 | 2.0±0.1 | 1.0 Max. | 2.0±0.2 | 0.80±0.2 | 0.80±0.2 | 0.80 | 0.85 | 2.0 |
| SWPA252012S | Fig.1 | 2.5±0.1 | 2.0±0.1 | 1.2 Max. | 2.0±0.2 | 0.80±0.2 | 0.80±0.2 | 0.80 | 0.85 | 2.0 |
| SWPA3010S | Fig.2 | 3.0±0.2 | 3.0±0.2 | 1.0 Max. | 2.5±0.2 | 0.75±0.2 | 1.5±0.2 | 1.5 | 0.8 | 2.7 |
| SWPA3012S | Fig.2 | 3.0±0.2 | 3.0±0.2 | 1.2 Max. | 2.5±0.2 | 0.75±0.2 | 1.5±0.2 | 1.5 | 0.8 | 2.7 |
| SWPA3015S | Fig.2 | 3.0±0.2 | 3.0±0.2 | 1.5 Max. | 2.5±0.2 | 0.75±0.2 | 1.5±0.2 | 1.5 | 0.8 | 2.7 |
| SWPA4010S | Fig.2 | 4.0±0.2 | 4.0±0.2 | 1.0 Max. | 3.3±0.2 | 0.95±0.2 | 2.1±0.2 | 1.9 | 1.1 | 3.7 |
| SWPA4012S | Fig.2 | 4.0±0.2 | 4.0±0.2 | 1.2 Max. | 3.3±0.2 | 0.95±0.2 | 2.1±0.2 | 1.9 | 1.1 | 3.7 |
| SWPA4018S | Fig.2 | 4.0±0.2 | 4.0±0.2 | 1.8 Max. | 3.3±0.2 | 0.95±0.2 | 2.1±0.2 | 1.9 | 1.1 | 3.7 |
| SWPA4020S | Fig.2 | 4.0±0.2 | 4.0±0.2 | 2.0 Max. | 3.3±0.2 | 0.95±0.2 | 2.1±0.2 | 1.9 | 1.1 | 3.7 |
| SWPA4030S | Fig.2 | 4.0±0.2 | 4.0±0.2 | 3.0 Max. | 3.3±0.2 | 0.95±0.2 | 2.1±0.2 | 1.9 | 1.1 | 3.7 |
| SWPA5012S | Fig.3 | 5.0±0.2 | 5.0±0.2 | 1.2 Max. | 4.0±0.2 | 1.25±0.2 | 2.5±0.2 | 2.3 | 1.4 | 4.2 |
| SWPA5020S | Fig.3 | 5.0±0.2 | 5.0±0.2 | 2.0 Max. | 4.0±0.2 | 1.25±0.2 | 2.5±0.2 | 2.3 | 1.4 | 4.2 |
| SWPA5040S | Fig.3 | 5.0±0.2 | 5.0±0.2 | 4.0 Max. | 4.0±0.2 | 1.25±0.2 | 2.5±0.2 | 2.3 | 1.4 | 4.2 |
| SWPA5045S | Fig.3 | 5.0±0.2 | 5.0±0.2 | 4.5 Max. | 4.0±0.2 | 1.30±0.2 | 2.5±0.2 | 2.3 | 1.4 | 4.2 |
| SWPA6020S | Fig.2 | 6.0±0.3 | 6.0±0.3 | 2.0 Max. | 4.9±0.3 | 1.55±0.3 | 2.9±0.3 | 2.8 | 1.7 | 5.7 |
| SWPA6028S | Fig.2 | 6.0±0.3 | 6.0±0.3 | 2.8 Max. | 4.9±0.3 | 1.55±0.3 | 2.9±0.3 | 2.8 | 1.7 | 5.7 |
| SWPA6045S | Fig.2 | 6.0±0.3 | 6.0±0.3 | 4.5 Max. | 4.9±0.3 | 1.55±0.3 | 2.9±0.3 | 2.8 | 1.7 | 5.7 |
| SWPA8040S | Fig.2 | 8.0±0.3 | 8.0±0.3 | 4.2 Max. | 6.3±0.3 | 2.00±0.3 | 4.0±0.3 | 3.8 | 2.2 | 7.5 |
| SWPA8060S | Fig.2 | 8.0±0.3 | 8.0±0.3 | 6.0 Max. | 6.3±0.3 | 2.00±0.3 | 4.0±0.3 | 3.8 | 2.2 | 7.5 |
| SWPA8065S | Fig.3 | 8.0±0.3 | 8.0±0.3 | 6.5 Max. | 6.3±0.3 | 2.00±0.3 | 4.0±0.3 | 3.8 | 2.2 | 7.5 |

※*1: All products are printed with Marking except the 252010S, 252012S, 3010S, 3012S and 3015S series.

规格特性

SPECIFICATIONS

SWPA252010S Series

| Part Number 型号 | Inductance 电感量 | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐频率 | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|-------------------|-----------------------|-------|------------------------------------|--|------|--|------|
| | | Max. | Typ. | | Max. | Typ. | Max. | Typ. |
| Units 单位 | @100kHz, 1V µH | Ω | | Min. MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA252010SR47NT | 0.47±30% | 0.056 | 0.047 | 206 | 2.50 | 3.35 | 2.35 | 2.56 |
| SWPA252010SR56NT | 0.56±30% | 0.072 | 0.060 | 160 | 2.90 | 3.20 | 2.00 | 2.18 |
| SWPA252010SR68NT | 0.68±30% | 0.074 | 0.062 | 129 | 2.20 | 2.75 | 2.00 | 2.18 |
| SWPA252010S1R0NT | 1.0±30% | 0.108 | 0.090 | 100 | 1.85 | 2.20 | 1.65 | 1.80 |
| SWPA252010S1R5NT | 1.5±30% | 0.182 | 0.152 | 81 | 1.80 | 2.10 | 1.30 | 1.42 |
| SWPA252010S2R2NT | 2.2±30% | 0.209 | 0.174 | 61 | 1.20 | 1.60 | 1.20 | 1.31 |
| SWPA252010S3R3MT | 3.3±20% | 0.328 | 0.273 | 47 | 1.05 | 1.30 | 0.90 | 0.98 |
| SWPA252010S4R7MT | 4.7±20% | 0.563 | 0.469 | 42 | 0.95 | 1.15 | 0.70 | 0.76 |
| SWPA252010S5R6MT | 5.6±20% | 0.563 | 0.469 | 35 | 0.80 | 0.95 | 0.73 | 0.80 |
| SWPA252010S6R8MT | 6.8±20% | 0.896 | 0.747 | 31 | 0.78 | 0.92 | 0.59 | 0.64 |
| SWPA252010S100MT | 10±20% | 1.092 | 0.910 | 27 | 0.65 | 0.78 | 0.50 | 0.55 |

SWPA252012S Series

| Part Number 型号 | Inductance 电感量 | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐频率 | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|-------------------|-----------------------|-------|------------------------------------|--|------|--|------|
| | | Max. | Typ. | | Max. | Typ. | Max. | Typ. |
| Units 单位 | @100kHz, 1V µH | Ω | | Min. MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA252012SR47NT | 0.47±30% | 0.061 | 0.047 | 160 | 3.82 | 4.27 | 2.15 | 2.34 |
| SWPA252012SR68NT | 0.68±30% | 0.074 | 0.057 | 140 | 3.28 | 3.68 | 1.95 | 2.13 |
| SWPA252012S1R0NT | 1.0±30% | 0.090 | 0.069 | 110 | 2.59 | 2.90 | 1.93 | 2.10 |
| SWPA252012S1R2NT | 1.2±30% | 0.129 | 0.099 | 100 | 2.38 | 2.67 | 1.46 | 1.59 |
| SWPA252012S1R5MT | 1.5±20% | 0.147 | 0.113 | 97 | 2.24 | 2.51 | 1.40 | 1.53 |
| SWPA252012S2R2MT | 2.2±20% | 0.216 | 0.166 | 69 | 1.85 | 2.07 | 1.15 | 1.25 |
| SWPA252012S2R7MT | 2.7±20% | 0.239 | 0.184 | 63 | 1.72 | 1.92 | 1.09 | 1.19 |
| SWPA252012S3R3MT | 3.3±20% | 0.264 | 0.203 | 62 | 1.61 | 1.80 | 1.04 | 1.13 |
| SWPA252012S3R6MT | 3.6±20% | 0.348 | 0.268 | 53 | 1.46 | 1.64 | 0.90 | 0.98 |
| SWPA252012S4R3MT | 4.3±20% | 0.377 | 0.290 | 51 | 1.37 | 1.53 | 0.87 | 0.95 |
| SWPA252012S4R7MT | 4.7±20% | 0.377 | 0.290 | 47 | 1.12 | 1.25 | 0.84 | 0.92 |
| SWPA252012S5R1MT | 5.1±20% | 0.500 | 0.385 | 44 | 1.23 | 1.37 | 0.75 | 0.82 |
| SWPA252012S5R6MT | 5.6±20% | 0.538 | 0.414 | 38 | 1.11 | 1.25 | 0.73 | 0.80 |
| SWPA252012S6R2MT | 6.2±20% | 0.542 | 0.417 | 38 | 1.03 | 1.16 | 0.73 | 0.80 |
| SWPA252012S6R8MT | 6.8±20% | 0.581 | 0.447 | 38 | 0.98 | 1.09 | 0.69 | 0.75 |
| SWPA252012S7R5MT | 7.5±20% | 0.611 | 0.470 | 35 | 0.97 | 1.09 | 0.68 | 0.74 |
| SWPA252012S8R2MT | 8.2±20% | 0.658 | 0.506 | 36 | 0.98 | 1.10 | 0.65 | 0.71 |
| SWPA252012S9R1MT | 9.1±20% | 0.690 | 0.531 | 34 | 0.91 | 1.02 | 0.62 | 0.68 |
| SWPA252012S100MT | 10±20% | 0.690 | 0.531 | 34 | 0.79 | 0.88 | 0.62 | 0.68 |
| SWPA252012S120MT | 12±20% | 1.075 | 0.827 | 28 | 0.78 | 0.88 | 0.51 | 0.56 |
| SWPA252012S150MT | 15±20% | 1.591 | 1.224 | 25 | 0.68 | 0.77 | 0.42 | 0.46 |
| SWPA252012S220MT | 22±20% | 1.976 | 1.520 | 20 | 0.53 | 0.59 | 0.38 | 0.41 |

规格特性

SPECIFICATIONS

SWPA3010S Series

| Part Number 型号 | Inductance 电感量 @100kHz,1V | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐频率 | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|---------------------------------|-----------------------|-------|------------------------------------|--|------|--|------|
| | | Max. | Typ. | | Min. | Max. | Typ. | Max. |
| Units 单位 | μH | Ω | | MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA3010S1R0NT | 1.0±30% | 0.085 | 0.065 | 180 | 1.40 | 2.10 | 1.45 | 1.80 |
| SWPA3010S1R2NT | 1.2±30% | 0.085 | 0.065 | 137 | 1.25 | 1.70 | 1.45 | 1.80 |
| SWPA3010S1R5NT | 1.5±30% | 0.104 | 0.080 | 120 | 1.27 | 1.70 | 1.30 | 1.60 |
| SWPA3010S2R2NT | 2.2±30% | 0.143 | 0.110 | 100 | 1.15 | 1.50 | 1.09 | 1.40 |
| SWPA3010S2R7MT | 2.7±20% | 0.169 | 0.130 | 90 | 1.00 | 1.20 | 1.02 | 1.40 |
| SWPA3010S3R3NT | 3.3±30% | 0.189 | 0.145 | 74 | 0.97 | 1.20 | 0.96 | 1.20 |
| SWPA3010S3R6MT | 3.6±20% | 0.215 | 0.165 | 67 | 0.95 | 1.20 | 0.90 | 1.10 |
| SWPA3010S4R7MT | 4.7±20% | 0.293 | 0.225 | 59 | 0.75 | 1.05 | 0.77 | 1.10 |
| SWPA3010S5R6MT | 5.6±20% | 0.322 | 0.248 | 40 | 0.58 | 0.65 | 0.70 | 1.05 |
| SWPA3010S6R8MT | 6.8±20% | 0.397 | 0.305 | 42 | 0.55 | 0.72 | 0.66 | 0.96 |
| SWPA3010S8R2MT | 8.2±20% | 0.520 | 0.40 | 23 | 0.55 | 0.70 | 0.58 | 0.70 |
| SWPA3010S100MT | 10±20% | 0.520 | 0.40 | 39 | 0.55 | 0.75 | 0.58 | 0.70 |
| SWPA3010S120MT | 12±20% | 0.657 | 0.505 | 36 | 0.43 | 0.65 | 0.52 | 0.67 |
| SWPA3010S150MT | 15±20% | 0.793 | 0.610 | 30 | 0.42 | 0.57 | 0.47 | 0.57 |
| SWPA3010S220MT | 22±20% | 1.209 | 0.930 | 28 | 0.35 | 0.48 | 0.38 | 0.52 |
| SWPA3010S270MT | 27±20% | 1.404 | 1.080 | 25 | 0.30 | 0.45 | 0.35 | 0.50 |
| SWPA3010S330MT | 33±20% | 2.015 | 1.550 | 18 | 0.29 | 0.42 | 0.30 | 0.55 |
| SWPA3010S390MT | 39±20% | 2.275 | 1.750 | 18 | 0.28 | 0.38 | 0.28 | 0.53 |
| SWPA3010S430MT | 43±20% | 2.340 | 1.80 | 18 | 0.23 | 0.36 | 0.27 | 0.52 |
| SWPA3010S470MT | 47±20% | 2.535 | 1.950 | 18 | 0.22 | 0.35 | 0.26 | 0.52 |
| SWPA3010S510MT | 51±20% | 2.860 | 2.20 | 18 | 0.21 | 0.33 | 0.25 | 0.48 |
| SWPA3010S560MT | 56±20% | 3.016 | 2.320 | 16 | 0.21 | 0.28 | 0.24 | 0.35 |

SWPA3012S Series

| Part Number 型号 | Inductance 电感量 @100kHz,1V | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐频率 | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|---------------------------------|-----------------------|-------|------------------------------------|--|------|--|------|
| | | Max. | Typ. | | Min. | Max. | Typ. | Max. |
| Units 单位 | μH | Ω | | MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA3012SR22NT | 0.22±30% | 0.022 | 0.017 | 321 | 5.30 | 6.00 | 3.00 | 3.30 |
| SWPA3012SR82NT | 0.82±30% | 0.039 | 0.030 | 180 | 2.05 | 2.80 | 2.47 | 3.00 |
| SWPA3012S1R0NT | 1.0±30% | 0.052 | 0.040 | 120 | 1.87 | 2.80 | 2.20 | 2.70 |
| SWPA3012S1R2NT | 1.2±30% | 0.059 | 0.045 | 120 | 2.22 | 2.50 | 2.01 | 2.20 |
| SWPA3012S1R5NT | 1.5±30% | 0.059 | 0.045 | 110 | 1.62 | 1.90 | 2.01 | 2.20 |
| SWPA3012S1R8NT | 1.8±30% | 0.082 | 0.063 | 90 | 1.30 | 1.90 | 1.65 | 1.80 |
| SWPA3012S2R2NT | 2.2±30% | 0.098 | 0.075 | 84 | 1.20 | 1.90 | 1.55 | 1.70 |
| SWPA3012S2R4NT | 2.4±30% | 0.088 | 0.068 | 100 | 1.15 | 1.50 | 1.60 | 1.70 |
| SWPA3012S2R7NT | 2.7±30% | 0.110 | 0.085 | 65 | 1.14 | 1.50 | 1.48 | 1.50 |
| SWPA3012S3R3MT | 3.3±20% | 0.130 | 0.10 | 64 | 1.05 | 1.50 | 1.36 | 1.40 |
| SWPA3012S3R6MT | 3.6±20% | 0.130 | 0.10 | 36 | 1.05 | 1.50 | 1.36 | 1.40 |
| SWPA3012S3R9MT | 3.9±20% | 0.189 | 0.145 | 61 | 1.00 | 1.30 | 1.24 | 1.30 |
| SWPA3012S4R7MT | 4.7±20% | 0.156 | 0.120 | 61 | 0.90 | 1.00 | 1.24 | 1.30 |
| SWPA3012S6R8MT | 6.8±20% | 0.247 | 0.190 | 61 | 0.75 | 0.90 | 0.98 | 1.10 |
| SWPA3012S100MT | 10±20% | 0.345 | 0.265 | 42 | 0.60 | 0.88 | 0.83 | 0.90 |
| SWPA3012S120MT | 12±20% | 0.449 | 0.345 | 32 | 0.48 | 0.67 | 0.73 | 0.84 |
| SWPA3012S150MT | 15±20% | 0.468 | 0.360 | 27 | 0.45 | 0.62 | 0.71 | 0.77 |
| SWPA3012S180MT | 18±20% | 0.709 | 0.545 | 25 | 0.43 | 0.59 | 0.58 | 0.65 |
| SWPA3012S220MT | 22±20% | 0.839 | 0.645 | 23 | 0.42 | 0.52 | 0.53 | 0.59 |

规格特性

SPECIFICATIONS

SWPA3012S Series

| Part Number 型号 | Inductance 电感量 | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐频率 | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|-------------------|-----------------------|-------|------------------------------------|--|------|--|------|
| | @100kHz,1V | Max. | Typ. | Min. | Max. | Typ. | Max. | Typ. |
| Units 单位 | μH | Ω | | MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA3012S270MT | 27±20% | 1.131 | 0.870 | 21 | 0.35 | 0.48 | 0.47 | 0.51 |
| SWPA3012S330MT | 33±20% | 1.138 | 0.875 | 18 | 0.36 | 0.46 | 0.46 | 0.50 |
| SWPA3012S360MT | 36±20% | 1.235 | 0.950 | 18 | 0.34 | 0.44 | 0.44 | 0.48 |
| SWPA3012S390MT | 39±20% | 1.729 | 1.330 | 18 | 0.30 | 0.39 | 0.37 | 0.41 |
| SWPA3012S470MT | 47±20% | 1.885 | 1.450 | 14 | 0.27 | 0.35 | 0.35 | 0.40 |
| SWPA3012S560MT | 56±20% | 1.794 | 1.380 | 9 | 0.26 | 0.33 | 0.28 | 0.40 |
| SWPA3012S680MT | 68±20% | 2.171 | 1.670 | 7 | 0.24 | 0.29 | 0.33 | 0.37 |
| SWPA3012S820MT | 82±20% | 3.302 | 2.540 | 7 | 0.17 | 0.27 | 0.27 | 0.31 |
| SWPA3012S101MT | 100±20% | 3.718 | 2.860 | 5 | 0.21 | 0.23 | 0.25 | 0.29 |

SWPA3015S Series

| Part Number 型号 | Inductance 电感量 | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐频率 | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|-------------------|-----------------------|-------|------------------------------------|--|------|--|------|
| | @100kHz,1V | Max. | Typ. | Min. | Max. | Typ. | Max. | Typ. |
| Units 单位 | μH | Ω | | MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA3015SR50NT | 0.5±30% | 0.039 | 0.030 | 162 | 3.90 | 4.20 | 2.60 | 2.80 |
| SWPA3015S1R0NT | 1.0±30% | 0.039 | 0.030 | 150 | 2.32 | 2.80 | 2.35 | 2.50 |
| SWPA3015S1R2NT | 1.2±30% | 0.052 | 0.040 | 110 | 2.21 | 3.10 | 1.95 | 2.30 |
| SWPA3015S1R5NT | 1.5±30% | 0.065 | 0.050 | 100 | 2.30 | 2.70 | 1.70 | 2.20 |
| SWPA3015S1R8NT | 1.8±30% | 0.065 | 0.050 | 92 | 1.75 | 2.20 | 1.70 | 2.20 |
| SWPA3015S2R2NT | 2.2±30% | 0.078 | 0.060 | 86 | 1.60 | 2.00 | 1.60 | 2.00 |
| SWPA3015S2R7NT | 2.7±30% | 0.098 | 0.075 | 64 | 1.52 | 1.90 | 1.43 | 1.90 |
| SWPA3015S3R3MT | 3.3±20% | 0.104 | 0.080 | 68 | 1.32 | 1.81 | 1.36 | 1.60 |
| SWPA3015S3R6MT | 3.6±20% | 0.137 | 0.105 | 59 | 1.28 | 1.60 | 1.20 | 1.50 |
| SWPA3015S3R9MT | 3.9±20% | 0.137 | 0.105 | 47 | 1.20 | 1.40 | 1.20 | 1.50 |
| SWPA3015S4R3MT | 4.3±20% | 0.150 | 0.115 | 53 | 1.20 | 1.40 | 1.14 | 1.30 |
| SWPA3015S4R7MT | 4.7±20% | 0.163 | 0.125 | 46 | 1.10 | 1.40 | 1.09 | 1.30 |
| SWPA3015S5R1MT | 5.1±20% | 0.173 | 0.133 | 49 | 1.00 | 1.20 | 1.05 | 1.20 |
| SWPA3015S6R2MT | 6.2±20% | 0.254 | 0.195 | 46 | 1.00 | 1.20 | 0.86 | 1.00 |
| SWPA3015S6R8MT | 6.8±20% | 0.260 | 0.20 | 39 | 0.85 | 1.10 | 0.85 | 1.10 |
| SWPA3015S100MT | 10±20% | 0.325 | 0.250 | 41 | 0.72 | 0.92 | 0.77 | 0.90 |
| SWPA3015S120MT | 12±20% | 0.416 | 0.320 | 32 | 0.70 | 0.90 | 0.68 | 0.89 |
| SWPA3015S150MT | 15±20% | 0.455 | 0.350 | 30 | 0.66 | 0.88 | 0.65 | 0.72 |
| SWPA3015S180MT | 18±20% | 0.559 | 0.430 | 23 | 0.56 | 0.72 | 0.59 | 0.72 |
| SWPA3015S220MT | 22±20% | 0.598 | 0.460 | 23 | 0.52 | 0.68 | 0.57 | 0.69 |
| SWPA3015S270MT | 27±20% | 0.949 | 0.730 | 22 | 0.48 | 0.56 | 0.45 | 0.56 |
| SWPA3015S330MT | 33±20% | 1.066 | 0.820 | 20 | 0.44 | 0.53 | 0.43 | 0.51 |
| SWPA3015S390MT | 39±20% | 1.294 | 0.995 | 14 | 0.41 | 0.55 | 0.39 | 0.44 |
| SWPA3015S430MT | 43±20% | 1.378 | 1.060 | 16 | 0.37 | 0.43 | 0.37 | 0.48 |
| SWPA3015S470MT | 47±20% | 1.625 | 1.250 | 14 | 0.35 | 0.43 | 0.35 | 0.44 |
| SWPA3015S560MT | 56±20% | 1.664 | 1.280 | 13 | 0.33 | 0.42 | 0.34 | 0.41 |
| SWPA3015S620MT | 62±20% | 2.093 | 1.610 | 13 | 0.30 | 0.40 | 0.30 | 0.41 |
| SWPA3015S680MT | 68±20% | 3.510 | 2.700 | 11 | 0.28 | 0.37 | 0.23 | 0.31 |
| SWPA3015S101MT | 100±20% | 4.043 | 3.110 | 7.2 | 0.23 | 0.25 | 0.21 | 0.25 |
| SWPA3015S151MT | 150±20% | 4.940 | 3.80 | 4.5 | 0.18 | 0.22 | 0.19 | 0.23 |

规格特性

SPECIFICATIONS

SWPA4010S Series

| Part Number 型号 | Inductance 电感量 @100kHz,1V | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐频率 | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|---------------------------------|-----------------------|-------|------------------------------------|--|------|--|------|
| | | Max. | Typ. | | Min. | Max. | Typ. | Max. |
| Units 单位 | μH | Ω | | MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA4010S1R0NT | 1.0±30% | 0.067 | 0.056 | 104 | 2.00 | 2.30 | 1.90 | 2.40 |
| SWPA4010S1R5NT | 1.5±30% | 0.084 | 0.070 | 71 | 1.68 | 2.00 | 1.70 | 2.00 |
| SWPA4010S2R2MT | 2.2±20% | 0.102 | 0.085 | 52 | 1.20 | 1.50 | 1.50 | 2.00 |
| SWPA4010S3R3MT | 3.3±20% | 0.120 | 0.100 | 42 | 1.10 | 1.40 | 1.40 | 1.80 |
| SWPA4010S4R7MT | 4.7±20% | 0.168 | 0.140 | 30 | 0.95 | 1.10 | 1.20 | 1.50 |
| SWPA4010S6R8MT | 6.8±20% | 0.240 | 0.200 | 26 | 0.80 | 0.95 | 1.00 | 1.20 |
| SWPA4010S100MT | 10±20% | 0.360 | 0.300 | 19 | 0.62 | 0.75 | 0.75 | 1.00 |
| SWPA4010S150MT | 15±20% | 0.516 | 0.430 | 17 | 0.54 | 0.61 | 0.60 | 0.85 |
| SWPA4010S220MT | 22±20% | 0.684 | 0.570 | 11 | 0.45 | 0.52 | 0.50 | 0.75 |

SWPA4012S Series

| Part Number 型号 | Inductance 电感量 @100kHz,1V | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐频率 | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|---------------------------------|-----------------------|-------|------------------------------------|--|------|--|------|
| | | Max. | Typ. | | Min. | Max. | Typ. | Max. |
| Units 单位 | μH | Ω | | MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA4012SR82NT | 0.82±30% | 0.065 | 0.050 | 150 | 3.02 | 3.30 | 1.65 | 2.50 |
| SWPA4012S1R0NT | 1.0±30% | 0.065 | 0.050 | 120 | 2.61 | 3.20 | 1.65 | 2.50 |
| SWPA4012S1R5NT | 1.5±30% | 0.085 | 0.065 | 90 | 2.10 | 2.70 | 1.46 | 2.20 |
| SWPA4012S1R8NT | 1.8±30% | 0.104 | 0.080 | 88 | 2.12 | 2.60 | 1.32 | 1.90 |
| SWPA4012S2R2NT | 2.2±30% | 0.104 | 0.080 | 74 | 1.76 | 2.30 | 1.32 | 1.90 |
| SWPA4012S2R7NT | 2.7±30% | 0.117 | 0.090 | 71 | 1.90 | 2.30 | 1.25 | 1.70 |
| SWPA4012S3R3NT | 3.3±30% | 0.143 | 0.110 | 60 | 1.72 | 2.10 | 1.12 | 1.60 |
| SWPA4012S3R6NT | 3.6±30% | 0.143 | 0.110 | 57 | 1.20 | 1.70 | 1.12 | 1.60 |
| SWPA4012S4R3NT | 4.3±30% | 0.182 | 0.140 | 54 | 1.58 | 1.70 | 1.00 | 1.50 |
| SWPA4012S4R7NT | 4.7±30% | 0.163 | 0.125 | 50 | 1.15 | 1.80 | 1.05 | 1.50 |
| SWPA4012S5R1NT | 5.1±30% | 0.201 | 0.155 | 50 | 1.55 | 1.60 | 0.95 | 1.50 |
| SWPA4012S5R6NT | 5.6±30% | 0.182 | 0.140 | 42 | 1.00 | 1.60 | 1.00 | 1.20 |
| SWPA4012S6R8MT | 6.8±20% | 0.257 | 0.198 | 40 | 0.85 | 1.40 | 0.84 | 1.20 |
| SWPA4012S100MT | 10±20% | 0.345 | 0.265 | 33 | 0.80 | 1.10 | 0.77 | 1.00 |
| SWPA4012S120MT | 12±20% | 0.377 | 0.290 | 32 | 0.66 | 1.00 | 0.70 | 0.95 |
| SWPA4012S150MT | 15±20% | 0.442 | 0.340 | 25 | 0.56 | 0.80 | 0.64 | 0.85 |
| SWPA4012S180MT | 18±20% | 0.611 | 0.470 | 23 | 0.55 | 0.75 | 0.55 | 0.80 |
| SWPA4012S220MT | 22±20% | 0.763 | 0.587 | 20 | 0.46 | 0.70 | 0.49 | 0.75 |
| SWPA4012S270MT | 27±20% | 0.936 | 0.720 | 18 | 0.50 | 0.70 | 0.45 | 0.60 |
| SWPA4012S330MT | 33±20% | 1.053 | 0.810 | 17 | 0.42 | 0.60 | 0.42 | 0.58 |
| SWPA4012S360MT | 36±20% | 1.170 | 0.90 | 14 | 0.40 | 0.50 | 0.40 | 0.56 |
| SWPA4012S390MT | 39±20% | 1.430 | 1.10 | 16 | 0.55 | 0.66 | 0.37 | 0.50 |
| SWPA4012S470MT | 47±20% | 1.430 | 1.10 | 12 | 0.35 | 0.50 | 0.37 | 0.50 |
| SWPA4012S560MT | 56±20% | 1.625 | 1.250 | 11 | 0.33 | 0.45 | 0.33 | 0.46 |
| SWPA4012S680MT | 68±20% | 2.535 | 1.950 | 11 | 0.38 | 0.45 | 0.27 | 0.45 |
| SWPA4012S820MT | 82±20% | 2.782 | 2.140 | 11 | 0.28 | 0.40 | 0.26 | 0.36 |
| SWPA4012S101MT | 100±20% | 2.873 | 2.210 | 9.4 | 0.25 | 0.30 | 0.25 | 0.35 |

规格特性

SPECIFICATIONS

SWPA4018S Series

| Part Number 型号 | Inductance 电感量 @100kHz,1V | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐频率 | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|---------------------------------|-----------------------|-------|------------------------------------|--|------|--|------|
| | | Max. | Typ. | | Min. | Max. | Typ. | Max. |
| Units 单位 | μH | Ω | | MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA4018SR47NT | 0.47±30% | 0.018 | 0.014 | 155 | 4.30 | 5.20 | 4.00 | 4.50 |
| SWPA4018SR68NT | 0.68±30% | 0.026 | 0.020 | 128 | 4.90 | 5.60 | 3.30 | 3.80 |
| SWPA4018S1R0NT | 1.0±30% | 0.033 | 0.025 | 80 | 4.80 | 5.20 | 2.00 | 3.30 |
| SWPA4018S1R5NT | 1.5±30% | 0.039 | 0.030 | 65 | 3.35 | 4.00 | 1.80 | 3.20 |
| SWPA4018S1R8NT | 1.8±30% | 0.044 | 0.034 | 54 | 3.00 | 3.40 | 2.00 | 2.80 |
| SWPA4018S2R2MT | 2.2±20% | 0.059 | 0.045 | 52 | 2.70 | 3.20 | 1.65 | 2.60 |
| SWPA4018S3R3MT | 3.3±20% | 0.091 | 0.070 | 44 | 2.45 | 2.90 | 1.23 | 2.10 |
| SWPA4018S4R7MT | 4.7±20% | 0.117 | 0.090 | 34 | 1.70 | 2.20 | 1.20 | 1.80 |
| SWPA4018S6R8MT | 6.8±20% | 0.143 | 0.110 | 29 | 1.45 | 2.00 | 1.06 | 1.50 |
| SWPA4018S100MT | 10±20% | 0.234 | 0.180 | 24 | 1.30 | 1.60 | 0.84 | 1.20 |
| SWPA4018S150MT | 15±20% | 0.325 | 0.250 | 19 | 0.94 | 1.10 | 0.65 | 1.00 |
| SWPA4018S220MT | 22±20% | 0.468 | 0.360 | 16 | 0.80 | 0.88 | 0.59 | 0.85 |
| SWPA4018S330MT | 33±20% | 0.689 | 0.530 | 12 | 0.56 | 0.75 | 0.49 | 0.72 |
| SWPA4018S470MT | 47±20% | 0.845 | 0.650 | 10 | 0.57 | 0.70 | 0.42 | 0.65 |
| SWPA4018S680MT | 68±20% | 1.30 | 1.0 | 8.3 | 0.47 | 0.51 | 0.32 | 0.52 |
| SWPA4018S101MT | 100±20% | 2.275 | 1.750 | 6.5 | 0.40 | 0.44 | 0.25 | 0.41 |
| SWPA4018S151MT | 150±20% | 3.250 | 2.50 | 5.5 | 0.31 | 0.34 | 0.22 | 0.36 |
| SWPA4018S221MT | 220±20% | 5.20 | 4.0 | 4 | 0.27 | 0.30 | 0.17 | 0.27 |

SWPA4020S Series

| Part Number 型号 | Inductance 电感量 @100kHz,1V | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐频率 | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|---------------------------------|-----------------------|-------|------------------------------------|--|------|--|------|
| | | Max. | Typ. | | Min. | Max. | Typ. | Max. |
| Units 单位 | μH | Ω | | MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA4020SR24MT | 0.24±20% | 0.014 | 0.011 | 283 | 10.5 | 12.5 | 4.50 | 5.20 |
| SWPA4020SR33NT | 0.33±30% | 0.016 | 0.013 | 223 | 7.50 | 8.50 | 3.30 | 4.90 |
| SWPA4020SR47NT | 0.47±30% | 0.029 | 0.022 | 160 | 7.00 | 7.50 | 3.30 | 3.70 |
| SWPA4020SR68NT | 0.68±30% | 0.036 | 0.028 | 120 | 6.40 | 6.60 | 2.80 | 3.30 |
| SWPA4020S1R0NT | 1.0±30% | 0.038 | 0.029 | 75 | 4.78 | 5.20 | 2.15 | 3.20 |
| SWPA4020S1R2NT | 1.2±30% | 0.038 | 0.029 | 72 | 5.10 | 5.60 | 2.15 | 3.20 |
| SWPA4020S1R5NT | 1.5±30% | 0.046 | 0.035 | 71 | 4.45 | 4.90 | 1.98 | 3.00 |
| SWPA4020S2R2MT | 2.2±20% | 0.052 | 0.040 | 49 | 3.40 | 3.70 | 1.85 | 2.80 |
| SWPA4020S3R3MT | 3.3±20% | 0.091 | 0.070 | 44 | 3.20 | 3.50 | 1.40 | 2.50 |
| SWPA4020S3R6MT | 3.6±20% | 0.072 | 0.055 | 49 | 2.80 | 3.00 | 1.54 | 2.50 |
| SWPA4020S4R7MT | 4.7±20% | 0.098 | 0.075 | 42 | 2.35 | 2.50 | 1.34 | 2.00 |
| SWPA4020S5R1MT | 5.1±20% | 0.111 | 0.085 | 42 | 2.30 | 2.50 | 1.27 | 1.80 |
| SWPA4020S5R6MT | 5.6±20% | 0.117 | 0.090 | 30 | 2.20 | 2.40 | 1.22 | 1.80 |
| SWPA4020S6R2MT | 6.2±20% | 0.150 | 0.115 | 36 | 2.15 | 2.30 | 1.08 | 1.60 |
| SWPA4020S6R8MT | 6.8±20% | 0.163 | 0.125 | 33 | 2.20 | 2.40 | 1.04 | 1.60 |
| SWPA4020S7R5MT | 7.5±20% | 0.150 | 0.115 | 30 | 1.85 | 2.00 | 1.08 | 1.50 |
| SWPA4020S8R2MT | 8.2±20% | 0.163 | 0.125 | 27 | 1.75 | 1.90 | 1.04 | 1.40 |
| SWPA4020S100MT | 10±20% | 0.215 | 0.165 | 26 | 1.60 | 1.70 | 0.90 | 1.20 |
| SWPA4020S120MT | 12±20% | 0.228 | 0.175 | 26 | 1.50 | 1.60 | 0.88 | 1.20 |
| SWPA4020S150MT | 15±20% | 0.299 | 0.230 | 24 | 1.35 | 1.50 | 0.77 | 1.10 |
| SWPA4020S220MT | 22±20% | 0.455 | 0.350 | 15 | 1.05 | 1.10 | 0.62 | 0.87 |
| SWPA4020S270MT | 27±20% | 0.709 | 0.545 | 14 | 1.02 | 1.10 | 0.50 | 0.70 |

规格特性

SPECIFICATIONS

SWPA4020S Series

| Part Number 型号 | Inductance 电感量 @100kHz,1V | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐频率 | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|---------------------------------|-----------------------|-------|------------------------------------|--|------|--|------|
| | | Max. | Typ. | | Min. | Max. | Typ. | Max. |
| Units 单位 | μH | Ω | | MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA4020S330MT | 33±20% | 0.715 | 0.550 | 11 | 0.85 | 0.93 | 0.49 | 0.68 |
| SWPA4020S390MT | 39±20% | 0.845 | 0.650 | 11 | 0.82 | 0.90 | 0.46 | 0.64 |
| SWPA4020S430MT | 43±20% | 0.858 | 0.660 | 10 | 0.77 | 0.85 | 0.45 | 0.63 |
| SWPA4020S470MT | 47±20% | 0.923 | 0.710 | 10 | 0.74 | 0.81 | 0.44 | 0.61 |
| SWPA4020S510MT | 51±20% | 0.975 | 0.750 | 10 | 0.70 | 0.77 | 0.42 | 0.59 |
| SWPA4020S560MT | 56±20% | 1.040 | 0.80 | 10 | 0.66 | 0.72 | 0.41 | 0.57 |
| SWPA4020S620MT | 62±20% | 1.170 | 0.90 | 9.6 | 0.65 | 0.71 | 0.39 | 0.52 |
| SWPA4020S680MT | 68±20% | 1.380 | 1.060 | 7.7 | 0.61 | 0.67 | 0.36 | 0.50 |
| SWPA4020S750MT | 75±20% | 1.510 | 1.160 | 7.7 | 0.70 | 0.77 | 0.35 | 0.49 |
| SWPA4020S820MT | 82±20% | 1.520 | 1.170 | 7.2 | 0.50 | 0.55 | 0.34 | 0.47 |
| SWPA4020S101MT | 100±20% | 2.020 | 1.550 | 6.3 | 0.48 | 0.53 | 0.31 | 0.43 |

SWPA4030S Series

| Part Number 型号 | Inductance 电感量 @100kHz,1V | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐频率 | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|---------------------------|---------------------------------|-----------------------|------------------|------------------------------------|--|-----------------|--|-----------------|
| | | Max. | Typ. | | Min. | Max. | Typ. | Max. |
| Units 单位 | μH | Ω | | MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA4030SR47NT | 0.47±30% | 0.0104 | 0.008 | 184 | 7.80 | 9.80 | 5.20 | 5.90 |
| SWPA4030SR68NT | 0.68±30% | 0.013 | 0.010 | 130 | 6.80 | 8.00 | 4.56 | 5.10 |
| SWPA4030SR91NT | 0.91±30% | 0.017 | 0.013 | 100 | 6.25 | 6.80 | 4.15 | 4.70 |
| SWPA4030S1R0NT | 1.0±30% | 0.018 | 0.014 | 70 | 5.26 | 5.70 | 4.15 | 4.70 |
| SWPA4030S1R2NT | 1.2±30% | 0.020 | 0.015 | 80 | 5.80 | 6.30 | 3.82 | 4.20 |
| SWPA4030S1R5NT | 1.5±30% | 0.026 | 0.020 | 62 | 4.84 | 5.30 | 3.34 | 3.60 |
| SWPA4030S1R8NT | 1.8±30% | 0.033 | 0.025 | 60 | 4.50 | 5.00 | 3.20 | 3.30 |
| SWPA4030S2R2NT | 2.2±30% | 0.039 | 0.030 | 52 | 4.90 | 5.80 | 2.95 | 3.20 |
| SWPA4030S3R3MT | 3.3±20% | 0.052 | 0.040 | 38 | 3.30 | 3.60 | 2.40 | 2.60 |
| SWPA4030S3R6MT | 3.6±20% | 0.052 | 0.040 | 37 | 3.00 | 3.50 | 2.40 | 2.60 |
| SWPA4030S3R9MT | 3.9±20% | 0.074 | 0.057 | 32 | 3.00 | 3.30 | 2.10 | 2.30 |
| SWPA4030S4R3MT | 4.3±20% | 0.072 | 0.055 | 37 | 2.95 | 3.20 | 2.10 | 2.30 |
| SWPA4030S4R7MT | 4.7±20% | 0.078 | 0.060 | 31 | 2.90 | 3.20 | 2.00 | 2.30 |
| SWPA4030S5R6MT | 5.6±20% | 0.085 | 0.065 | 30 | 2.60 | 2.80 | 1.95 | 2.10 |
| SWPA4030S6R8MT | 6.8±20% | 0.117 | 0.090 | 24 | 2.75 | 3.00 | 1.60 | 1.70 |
| SWPA4030S7R5MT | 7.5±20% | 0.110 | 0.085 | 26 | 2.20 | 2.40 | 1.65 | 1.80 |
| SWPA4030S8R2MT | 8.2±20% | 0.117 | 0.090 | 26 | 2.10 | 2.30 | 1.60 | 1.70 |
| SWPA4030S100MT | 10±20% | 0.130 | 0.10 | 21 | 1.95 | 2.40 | 1.50 | 1.60 |
| SWPA4030S120MT | 12±20% | 0.175 | 0.135 | 18 | 1.70 | 1.80 | 1.30 | 1.40 |
| SWPA4030S150MT | 15±20% | 0.247 | 0.190 | 16 | 1.65 | 1.80 | 1.11 | 1.20 |
| SWPA4030S180MT | 18±20% | 0.260 | 0.20 | 10 | 1.40 | 1.50 | 1.10 | 1.20 |
| SWPA4030S220MT | 22±20% | 0.293 | 0.225 | 10 | 1.30 | 1.40 | 1.00 | 1.20 |
| SWPA4030S330MT | 33±20% | 0.429 | 0.330 | 10 | 1.10 | 1.20 | 0.84 | 0.92 |
| SWPA4030S360MT | 36±20% | 0.436 | 0.335 | 9.8 | 1.05 | 1.10 | 0.83 | 0.91 |
| SWPA4030S390MT | 39±20% | 0.566 | 0.435 | 10 | 1.03 | 1.10 | 0.73 | 0.80 |
| SWPA4030S470MT | 47±20% | 0.579 | 0.445 | 8.4 | 0.95 | 1.00 | 0.72 | 0.80 |
| SWPA4030S510MT | 51±20% | 0.611 | 0.470 | 8.4 | 0.90 | 1.13 | 0.70 | 0.80 |
| SWPA4030S560MT | 56±20% | 0.722 | 0.555 | 8.4 | 0.85 | 0.94 | 0.65 | 0.71 |
| SWPA4030S620MT | 62±20% | 0.760 | 0.585 | 7 | 0.80 | 0.99 | 0.63 | 0.70 |
| SWPA4030S680MT | 68±20% | 1.128 | 0.868 | 7 | 0.72 | 0.80 | 0.52 | 0.57 |

规格特性

SPECIFICATIONS

SWPA4030S Series

| Part Number 型号 | Inductance 电感量 @100kHz,1V | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐频率 Min. | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|---------------------------------|-----------------------|-------|--|--|------|--|------|
| | | Max. | Typ. | | Max. | Typ. | Max. | Typ. |
| Units 单位 | μH | Ω | | MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA4030S750MT | 75±20% | 1.326 | 1.020 | 6.3 | 0.70 | 0.88 | 0.48 | 0.53 |
| SWPA4030S820MT | 82±20% | 1.378 | 1.060 | 5.6 | 0.66 | 0.72 | 0.47 | 0.52 |
| SWPA4030S910MT | 91±20% | 1.430 | 1.10 | 5.6 | 0.65 | 0.71 | 0.46 | 0.50 |
| SWPA4030S101MT | 100±20% | 1.495 | 1.150 | 5.6 | 0.60 | 0.73 | 0.45 | 0.49 |
| SWPA4030S121MT | 120±20% | 1.755 | 1.350 | 5.4 | 0.55 | 0.60 | 0.42 | 0.46 |
| SWPA4030S151MT | 150±20% | 2.340 | 1.80 | 4 | 0.50 | 0.55 | 0.30 | 0.35 |
| SWPA4030S471KT | 470±10% | 9.360 | 7.20 | 2 | 0.30 | 0.35 | 0.20 | 0.23 |
| SWPA4030S501MT | 500±20% | 9.027 | 6.944 | 2 | 0.28 | 0.30 | 0.15 | 0.20 |
| SWPA4030S681MT | 680±20% | 9.854 | 7.580 | 1.2 | 0.19 | 0.20 | 0.14 | 0.18 |

SWPA5012S Series

| Part Number 型号 | Inductance 电感量 @100kHz,1V | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐频率 Min. | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|---------------------------------|-----------------------|-------|--|--|------|--|------|
| | | Max. | Typ. | | Max. | Typ. | Max. | Typ. |
| Units 单位 | μH | Ω | | MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA5012S1R0NT | 1.0±30% | 0.068 | 0.057 | 103 | 4.40 | 4.70 | 2.00 | 2.40 |
| SWPA5012S1R5NT | 1.5±30% | 0.086 | 0.072 | 68 | 3.70 | 3.80 | 1.90 | 2.20 |
| SWPA5012S2R2NT | 2.2±30% | 0.108 | 0.090 | 50 | 3.10 | 3.20 | 1.70 | 2.00 |
| SWPA5012S3R3NT | 3.3±30% | 0.151 | 0.126 | 34 | 2.40 | 2.60 | 1.40 | 1.70 |
| SWPA5012S4R7NT | 4.7±30% | 0.197 | 0.164 | 31 | 2.20 | 2.30 | 1.30 | 1.50 |
| SWPA5012S6R8MT | 6.8±20% | 0.294 | 0.245 | 22 | 1.70 | 1.90 | 1.00 | 1.20 |
| SWPA5012S100MT | 10±20% | 0.413 | 0.344 | 17 | 1.40 | 1.50 | 0.85 | 1.00 |
| SWPA5012S150MT | 15±20% | 0.523 | 0.436 | 13 | 1.20 | 1.30 | 0.80 | 0.92 |
| SWPA5012S220MT | 22±20% | 0.858 | 0.780 | 16 | 0.88 | 0.98 | 0.60 | 0.68 |

SWPA5020S Series

| Part Number 型号 | Inductance 电感量 @100kHz,1V | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐频率 Min. | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|---------------------------------|-----------------------|-------|--|--|-------|--|------|
| | | Max. | Typ. | | Max. | Typ. | Max. | Typ. |
| Units 单位 | μH | Ω | | MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA5020SR22NT | 0.22±30% | 0.011 | 0.009 | 280 | 9.00 | 12.00 | 5.30 | 6.00 |
| SWPA5020SR24NT | 0.24±30% | 0.011 | 0.009 | 248 | 8.00 | 10.00 | 5.30 | 6.00 |
| SWPA5020SR47NT | 0.47±30% | 0.017 | 0.013 | 160 | 6.15 | 6.70 | 4.60 | 5.00 |
| SWPA5020SR56NT | 0.56±30% | 0.022 | 0.017 | 137 | 8.50 | 9.60 | 3.80 | 4.20 |
| SWPA5020SR68NT | 0.68±30% | 0.022 | 0.017 | 120 | 5.50 | 6.00 | 4.00 | 4.40 |
| SWPA5020SR75NT | 0.75±30% | 0.022 | 0.017 | 117 | 5.50 | 6.00 | 4.00 | 4.40 |
| SWPA5020S1R0NT | 1.0±30% | 0.026 | 0.020 | 114 | 4.10 | 5.00 | 3.80 | 4.10 |
| SWPA5020S1R2NT | 1.2±30% | 0.029 | 0.022 | 83 | 4.50 | 4.90 | 3.55 | 3.90 |
| SWPA5020S1R5NT | 1.5±30% | 0.034 | 0.026 | 68 | 4.10 | 4.50 | 3.20 | 3.50 |
| SWPA5020S2R2NT | 2.2±30% | 0.042 | 0.032 | 57 | 3.20 | 4.00 | 2.90 | 3.10 |
| SWPA5020S2R7NT | 2.7±30% | 0.049 | 0.038 | 52 | 2.90 | 3.50 | 2.70 | 2.90 |
| SWPA5020S3R0NT | 3.0±30% | 0.049 | 0.038 | 49 | 2.55 | 2.80 | 2.70 | 2.90 |
| SWPA5020S3R3NT | 3.3±30% | 0.056 | 0.043 | 46 | 2.55 | 3.00 | 2.50 | 2.70 |
| SWPA5020S3R6NT | 3.6±30% | 0.056 | 0.043 | 43 | 2.80 | 3.00 | 2.50 | 2.70 |

规格特性

SPECIFICATIONS

SWPA5020S Series

| Part Number 型号 | Inductance 电感量 @100kHz,1V | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐频率 | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|---------------------------------|-----------------------|-------|------------------------------------|--|------|--|------|
| | | Max. | Typ. | | Max. | Typ. | Max. | Typ. |
| Units 单位 | μH | Ω | | MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA5020S3R9NT | 3.9±30% | 0.056 | 0.043 | 40 | 2.30 | 2.80 | 2.50 | 2.70 |
| SWPA5020S4R3MT | 4.3±20% | 0.074 | 0.057 | 37 | 2.50 | 3.00 | 2.20 | 2.40 |
| SWPA5020S4R7MT | 4.7±20% | 0.074 | 0.057 | 37 | 2.50 | 2.70 | 2.20 | 2.40 |
| SWPA5020S5R1MT | 5.1±20% | 0.083 | 0.064 | 32 | 2.25 | 2.60 | 2.05 | 2.20 |
| SWPA5020S5R6MT | 5.6±20% | 0.083 | 0.064 | 32 | 2.30 | 2.50 | 2.05 | 2.20 |
| SWPA5020S6R8MT | 6.8±20% | 0.108 | 0.083 | 30 | 2.05 | 2.20 | 1.80 | 1.90 |
| SWPA5020S7R5MT | 7.5±20% | 0.117 | 0.090 | 26 | 1.85 | 2.00 | 1.75 | 1.90 |
| SWPA5020S8R2MT | 8.2±20% | 0.127 | 0.098 | 26 | 1.85 | 2.00 | 1.65 | 1.80 |
| SWPA5020S9R1MT | 9.1±20% | 0.143 | 0.110 | 24 | 1.70 | 1.80 | 1.55 | 1.70 |
| SWPA5020S100MT | 10±20% | 0.143 | 0.110 | 24 | 1.70 | 1.80 | 1.55 | 1.70 |
| SWPA5020S120MT | 12±20% | 0.182 | 0.140 | 22 | 1.50 | 1.60 | 1.40 | 1.50 |
| SWPA5020S150MT | 15±20% | 0.215 | 0.165 | 20 | 1.35 | 1.40 | 1.25 | 1.30 |
| SWPA5020S180MT | 18±20% | 0.260 | 0.200 | 16 | 1.25 | 1.30 | 1.15 | 1.20 |
| SWPA5020S220MT | 22±20% | 0.294 | 0.226 | 14 | 1.15 | 1.20 | 1.10 | 1.20 |
| SWPA5020S330MT | 33±20% | 0.507 | 0.390 | 10 | 0.92 | 1.00 | 0.90 | 0.99 |
| SWPA5020S470MT | 47±20% | 0.680 | 0.523 | 7 | 0.77 | 0.84 | 0.77 | 0.84 |
| SWPA5020S560MT | 56±20% | 0.819 | 0.630 | 6 | 0.77 | 0.84 | 0.70 | 0.77 |
| SWPA5020S680MT | 68±20% | 0.962 | 0.740 | 6 | 0.65 | 0.70 | 0.64 | 0.70 |
| SWPA5020S820MT | 82±20% | 1.158 | 0.965 | 6 | 0.65 | 0.75 | 0.50 | 0.60 |
| SWPA5020S101MT | 100±20% | 1.430 | 1.100 | 6 | 0.53 | 0.58 | 0.53 | 0.58 |
| SWPA5020S121MT | 120±20% | 1.755 | 1.350 | 6 | 0.42 | 0.53 | 0.40 | 0.50 |
| SWPA5020S201MT | 200±20% | 2.60 | 2.00 | 4.5 | 0.30 | 0.33 | 0.40 | 0.45 |

SWPA5040S Series

| Part Number 型号 | Inductance 电感量 @100kHz,1V | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐频率 | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|---------------------------------|-----------------------|-------|------------------------------------|--|-------|--|------|
| | | Max. | Typ. | | Max. | Typ. | Max. | Typ. |
| Units 单位 | μH | Ω | | MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA5040SR22MT | 0.22 ±20% | 0.008 | 0.006 | 289 | 18.00 | 20.00 | 6.50 | 7.50 |
| SWPA5040SR24NT | 0.24 ±30% | 0.008 | 0.006 | 251 | 15.70 | 18.00 | 6.40 | 7.40 |
| SWPA5040SR47MT | 0.47 ±20% | 0.009 | 0.007 | 171 | 10.00 | 11.50 | 6.60 | 7.60 |
| SWPA5040S1R0NT | 1.0±30% | 0.016 | 0.012 | 117 | 7.35 | 8.20 | 4.90 | 5.10 |
| SWPA5040S1R2NT | 1.2±30% | 0.021 | 0.016 | 110 | 6.50 | 7.00 | 4.15 | 4.30 |
| SWPA5040S1R5NT | 1.5±30% | 0.020 | 0.015 | 86 | 6.30 | 7.30 | 4.30 | 4.80 |
| SWPA5040S1R8MT | 1.8±20% | 0.021 | 0.016 | 55 | 5.50 | 6.40 | 4.15 | 4.30 |
| SWPA5040S2R2NT | 2.2±30% | 0.025 | 0.019 | 50 | 4.90 | 5.50 | 3.80 | 4.30 |
| SWPA5040S2R7NT | 2.7±30% | 0.029 | 0.022 | 37 | 4.30 | 5.10 | 3.60 | 4.10 |
| SWPA5040S3R0NT | 3.0±30% | 0.029 | 0.022 | 37 | 4.15 | 4.80 | 3.60 | 4.20 |
| SWPA5040S3R3NT | 3.3±30% | 0.031 | 0.024 | 32 | 3.95 | 4.60 | 3.40 | 3.90 |
| SWPA5040S3R6MT | 3.6±20% | 0.031 | 0.026 | 30 | 3.80 | 4.40 | 3.30 | 3.70 |
| SWPA5040S3R9NT | 3.9±30% | 0.035 | 0.027 | 29 | 3.55 | 4.20 | 3.20 | 3.70 |
| SWPA5040S3R9NT | 3.9±30% | 0.035 | 0.027 | 29 | 3.55 | 4.20 | 3.20 | 3.70 |
| SWPA5040S4R7NT | 4.7±30% | 0.039 | 0.030 | 28 | 3.50 | 3.90 | 3.00 | 3.30 |
| SWPA5040S5R6MT | 5.6±20% | 0.046 | 0.035 | 27 | 3.00 | 3.70 | 2.80 | 3.10 |
| SWPA5040S6R8MT | 6.8±20% | 0.056 | 0.043 | 21 | 2.90 | 3.50 | 2.50 | 2.80 |
| SWPA5040S8R2MT | 8.2±20% | 0.062 | 0.048 | 20 | 2.70 | 3.00 | 2.30 | 2.60 |
| SWPA5040S100MT | 10±20% | 0.083 | 0.064 | 18 | 2.35 | 2.90 | 2.10 | 2.40 |

规格特性

SPECIFICATIONS

SWPA5040S Series

| Part Number 型号 | Inductance 电感量 @100kHz,1V | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐频率 | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|---------------------------------|-----------------------|-------|------------------------------------|--|------|--|------|
| | | Max. | Typ. | | Min. | Max. | Typ. | Max. |
| Units 单位 | μH | Ω | | MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA5040S120MT | 12±20% | 0.100 | 0.077 | 14 | 2.20 | 2.50 | 2.00 | 2.10 |
| SWPA5040S150MT | 15±20% | 0.112 | 0.086 | 13 | 2.00 | 2.30 | 2.00 | 2.10 |
| SWPA5040S180MT | 18±20% | 0.155 | 0.119 | 12 | 1.70 | 2.00 | 1.45 | 1.65 |
| SWPA5040S220MT | 22±20% | 0.168 | 0.129 | 11 | 1.60 | 1.90 | 1.50 | 1.60 |
| SWPA5040S270MT | 27±20% | 0.244 | 0.188 | 9.8 | 1.52 | 1.75 | 1.10 | 1.25 |
| SWPA5040S330MT | 33±20% | 0.244 | 0.188 | 9 | 1.30 | 1.50 | 1.20 | 1.40 |
| SWPA5040S470MT | 47±20% | 0.354 | 0.272 | 7 | 1.10 | 1.30 | 1.00 | 1.10 |
| SWPA5040S510MT | 51±20% | 0.494 | 0.380 | 6 | 1.00 | 1.20 | 1.00 | 1.10 |
| SWPA5040S560MT | 56±20% | 0.494 | 0.380 | 6 | 1.05 | 1.20 | 0.80 | 0.90 |
| SWPA5040S680MT | 68±20% | 0.520 | 0.40 | 6 | 0.90 | 1.10 | 0.80 | 0.90 |
| SWPA5040S750MT | 75±20% | 0.585 | 0.450 | 6 | 0.85 | 0.95 | 0.72 | 0.80 |
| SWPA5040S101MT | 100±20% | 0.728 | 0.560 | 5 | 0.75 | 0.85 | 0.70 | 0.80 |
| SWPA5040S151MT | 150±20% | 0.975 | 0.750 | 3.7 | 0.65 | 0.67 | 0.60 | 0.70 |
| SWPA5040S221MT | 220±20% | 1.820 | 1.400 | 3.0 | 0.48 | 0.55 | 0.40 | 0.50 |
| SWPA5040S301MT | 300±20% | 2.600 | 2.000 | 2.7 | 0.50 | 0.58 | 0.35 | 0.40 |
| SWPA5040S331MT | 330±20% | 2.730 | 2.100 | 2.7 | 0.42 | 0.47 | 0.40 | 0.50 |
| SWPA5040S471MT | 470±20% | 3.900 | 3.000 | 2.7 | 0.37 | 0.43 | 0.35 | 0.40 |
| SWPA5040S561MT | 560±20% | 4.914 | 3.780 | 1.52 | 0.31 | 0.36 | 0.31 | 0.35 |
| SWPA5040S681MT | 680±20% | 5.070 | 3.900 | 1.60 | 0.30 | 0.35 | 0.25 | 0.30 |

SWPA5045S Series

| Part Number 型号 | Inductance 电感量 @100kHz,1V | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐频率 | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|---------------------------------|-----------------------|-------|------------------------------------|--|------|--|------|
| | | Max. | Typ. | | Min. | Typ. | Typ. | Typ. |
| Units 单位 | μH | Ω | | MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA5045S1R5NT | 1.5±30% | 0.022 | 0.017 | 78 | 7.40 | 8.50 | 5.20 | 5.90 |
| SWPA5045S2R2NT | 2.2±20% | 0.029 | 0.022 | 50 | 6.40 | 7.20 | 4.70 | 5.40 |
| SWPA5045S3R3MT | 3.3±20% | 0.035 | 0.027 | 36 | 6.40 | 7.20 | 4.20 | 4.85 |
| SWPA5045S100MT | 10±20% | 0.079 | 0.061 | 17 | 3.20 | 3.70 | 2.50 | 2.90 |
| SWPA5045S220MT | 22±20% | 0.163 | 0.125 | 10 | 2.00 | 2.35 | 1.55 | 1.80 |

SWPA6020S Series

| Part Number 型号 | Inductance 电感量 @100kHz,1V | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐频率 | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|---------------------------------|-----------------------|-------|------------------------------------|--|------|--|------|
| | | Max. | Typ. | | Min. | Max. | Typ. | Max. |
| Units 单位 | μH | Ω | | MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA6020SR50NT | 0.50±30% | 0.018 | 0.014 | 120 | 4.50 | 6.00 | 4.00 | 5.00 |
| SWPA6020SR68NT | 0.68±30% | 0.022 | 0.017 | 115 | 6.55 | 7.80 | 3.80 | 4.80 |
| SWPA6020SR82NT | 0.82±30% | 0.022 | 0.017 | 110 | 5.30 | 6.30 | 3.80 | 4.80 |
| SWPA6020S1R0NT | 1.0±30% | 0.026 | 0.020 | 100 | 4.15 | 5.00 | 3.50 | 4.40 |
| SWPA6020S1R2NT | 1.2±30% | 0.029 | 0.022 | 88 | 5.90 | 7.00 | 3.20 | 4.00 |
| SWPA6020S1R5NT | 1.5±30% | 0.029 | 0.022 | 79 | 4.25 | 5.10 | 3.20 | 4.00 |
| SWPA6020S1R8NT | 1.8±30% | 0.036 | 0.028 | 68 | 4.85 | 5.80 | 2.75 | 3.50 |
| SWPA6020S2R0NT | 2.0±30% | 0.046 | 0.035 | 65 | 4.10 | 4.90 | 2.60 | 3.30 |

规格特性

SPECIFICATIONS

SWPA6020S Series

| Part Number 型号 | Inductance 电感量 @100kHz,1V | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐频率 | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|---------------------------------|-----------------------|-------|------------------------------------|--|------|--|------|
| | | Max. | Typ. | | Max. | Typ. | Max. | Typ. |
| Units 单位 | μH | Ω | | MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA6020S2R2NT | 2.2±30% | 0.036 | 0.028 | 61 | 3.75 | 4.50 | 2.75 | 3.50 |
| SWPA6020S2R7NT | 2.7±30% | 0.046 | 0.035 | 56 | 3.90 | 4.60 | 2.60 | 3.30 |
| SWPA6020S3R3NT | 3.3±30% | 0.046 | 0.035 | 51 | 3.15 | 3.70 | 2.60 | 3.30 |
| SWPA6020S3R9NT | 3.9±30% | 0.064 | 0.049 | 45 | 3.25 | 3.90 | 2.10 | 2.60 |
| SWPA6020S4R3NT | 4.3±30% | 0.064 | 0.049 | 44 | 2.70 | 3.20 | 2.10 | 2.60 |
| SWPA6020S4R7NT | 4.7±30% | 0.075 | 0.058 | 41 | 3.00 | 3.60 | 2.00 | 2.50 |
| SWPA6020S5R6NT | 5.6±30% | 0.075 | 0.058 | 36 | 2.40 | 2.90 | 1.90 | 2.40 |
| SWPA6020S6R2NT | 6.2±30% | 0.103 | 0.079 | 31 | 2.30 | 2.70 | 1.80 | 2.30 |
| SWPA6020S6R8NT | 6.8±30% | 0.103 | 0.079 | 31 | 2.20 | 2.60 | 1.80 | 2.30 |
| SWPA6020S8R2NT | 8.2±30% | 0.137 | 0.105 | 27 | 2.10 | 2.50 | 1.40 | 1.80 |
| SWPA6020S100MT | 10±20% | 0.137 | 0.105 | 27 | 1.75 | 2.10 | 1.40 | 1.80 |
| SWPA6020S120MT | 12±20% | 0.156 | 0.120 | 25 | 1.45 | 1.70 | 1.30 | 1.60 |
| SWPA6020S150MT | 15±20% | 0.189 | 0.145 | 21 | 1.20 | 1.40 | 1.20 | 1.50 |
| SWPA6020S180MT | 18±20% | 0.234 | 0.180 | 18 | 1.20 | 1.40 | 1.08 | 1.40 |
| SWPA6020S220MT | 22±20% | 0.265 | 0.204 | 16 | 1.05 | 1.20 | 1.00 | 1.30 |
| SWPA6020S330MT | 33±20% | 0.390 | 0.30 | 11 | 0.95 | 1.10 | 0.84 | 1.05 |
| SWPA6020S470MT | 47±20% | 0.559 | 0.430 | 10 | 0.70 | 0.90 | 0.80 | 0.90 |

SWPA6028S Series

| Part Number 型号 | Inductance 电感量 @100kHz,1V | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐频率 | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|---------------------------------|-----------------------|-------|------------------------------------|--|------|--|------|
| | | Max. | Typ. | | Max. | Typ. | Max. | Typ. |
| Units 单位 | μH | Ω | | MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA6028SR82NT | 0.82±30% | 0.016 | 0.012 | 97 | 6.50 | 9.00 | 5.20 | 6.00 |
| SWPA6028S1R0NT | 1.0±30% | 0.013 | 0.010 | 70 | 5.75 | 7.00 | 5.20 | 5.70 |
| SWPA6028S1R2NT | 1.2±30% | 0.017 | 0.013 | 69 | 6.40 | 7.50 | 4.58 | 5.00 |
| SWPA6028S1R5NT | 1.5±30% | 0.017 | 0.013 | 65 | 6.00 | 6.60 | 4.58 | 5.00 |
| SWPA6028S2R2NT | 2.2±30% | 0.026 | 0.020 | 48 | 5.10 | 5.60 | 3.75 | 4.10 |
| SWPA6028S2R7NT | 2.7±30% | 0.026 | 0.020 | 48 | 3.80 | 4.10 | 3.75 | 4.10 |
| SWPA6028S3R3NT | 3.3±30% | 0.033 | 0.025 | 41 | 4.15 | 4.50 | 3.48 | 3.80 |
| SWPA6028S4R7NT | 4.7±30% | 0.039 | 0.030 | 35 | 3.00 | 3.30 | 3.08 | 3.40 |
| SWPA6028S5R1NT | 5.1±30% | 0.056 | 0.043 | 32 | 3.20 | 3.50 | 2.60 | 2.80 |
| SWPA6028S6R2MT | 6.2±20% | 0.061 | 0.047 | 30 | 3.05 | 3.30 | 2.40 | 2.60 |
| SWPA6028S6R8MT | 6.8±20% | 0.061 | 0.047 | 27 | 2.60 | 3.00 | 2.40 | 2.60 |
| SWPA6028S8R2MT | 8.2±20% | 0.072 | 0.055 | 24 | 2.30 | 2.50 | 2.25 | 2.50 |
| SWPA6028S9R1MT | 9.1±20% | 0.096 | 0.074 | 24 | 2.55 | 2.80 | 2.15 | 2.40 |
| SWPA6028S100MT | 10±20% | 0.094 | 0.072 | 23 | 2.04 | 2.50 | 1.95 | 2.40 |
| SWPA6028S120MT | 12±20% | 0.104 | 0.080 | 18 | 1.80 | 2.00 | 1.85 | 2.00 |
| SWPA6028S150MT | 15±20% | 0.163 | 0.125 | 18 | 1.75 | 1.90 | 1.45 | 1.60 |
| SWPA6028S180MT | 18±20% | 0.156 | 0.120 | 15 | 1.52 | 1.80 | 1.45 | 1.60 |
| SWPA6028S220MT | 22±20% | 0.182 | 0.140 | 14 | 1.45 | 1.80 | 1.40 | 1.60 |
| SWPA6028S270MT | 27±20% | 0.202 | 0.155 | 13 | 1.50 | 1.60 | 1.32 | 1.40 |
| SWPA6028S330MT | 33±20% | 0.241 | 0.185 | 12 | 1.35 | 1.50 | 1.22 | 1.30 |
| SWPA6028S360MT | 36±20% | 0.280 | 0.215 | 11 | 1.25 | 1.40 | 1.13 | 1.20 |
| SWPA6028S390MT | 39±20% | 0.293 | 0.225 | 11 | 1.25 | 1.40 | 1.10 | 1.20 |
| SWPA6028S470MT | 47±20% | 0.410 | 0.315 | 9.5 | 1.15 | 1.30 | 1.06 | 1.10 |
| SWPA6028S560MT | 56±20% | 0.449 | 0.345 | 8.2 | 1.05 | 1.20 | 0.89 | 1.00 |

规格特性

SPECIFICATIONS

SWPA6028S Series

| Part Number 型号 | Inductance 电感量 | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐振频率 | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|-------------------|-----------------------|-------|-------------------------------------|--|------|--|------|
| | | Max. | Typ. | | Max. | Typ. | Max. | Typ. |
| Units 单位 | @100kHz,1V μH | Ω | | MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA6028S680MT | 68±20% | 0.468 | 0.360 | 7.7 | 0.80 | 0.95 | 0.86 | 0.95 |
| SWPA6028S750MT | 75±20% | 0.533 | 0.410 | 7.7 | 0.90 | 0.99 | 0.81 | 0.90 |
| SWPA6028S820MT | 82±20% | 0.650 | 0.50 | 7.7 | 0.80 | 0.88 | 0.70 | 0.77 |
| SWPA6028S101MT | 100±20% | 0.650 | 0.50 | 7.1 | 0.65 | 0.71 | 0.70 | 0.77 |
| SWPA6028S401MT | 400±20% | 2.808 | 2.160 | 2.8 | 0.30 | 0.33 | 0.40 | 0.45 |

SWPA6045S Series

| Part Number 型号 | Inductance 电感量 | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐振频率 | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|-------------------|-----------------------|-------|-------------------------------------|--|-------|--|------|
| | | Max. | Typ. | | Max. | Typ. | Max. | Typ. |
| Units 单位 | @100kHz,1V μH | Ω | | MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA6045SR47NT | 0.47±30% | 0.008 | 0.006 | 155 | 15.00 | 16.50 | 6.50 | 6.60 |
| SWPA6045SR56NT | 0.56±30% | 0.008 | 0.006 | 142 | 14.00 | 15.00 | 6.50 | 7.50 |
| SWPA6045SR68NT | 0.68±30% | 0.008 | 0.006 | 99 | 11.00 | 12.00 | 5.70 | 6.50 |
| SWPA6045SR82NT | 0.82±30% | 0.010 | 0.008 | 140 | 10.35 | 11.00 | 5.90 | 6.50 |
| SWPA6045S1R0NT | 1.0±30% | 0.014 | 0.011 | 100 | 9.85 | 10.00 | 5.14 | 5.60 |
| SWPA6045S1R2NT | 1.2±30% | 0.013 | 0.010 | 100 | 8.35 | 9.10 | 5.40 | 5.90 |
| SWPA6045S1R3NT | 1.3±30% | 0.013 | 0.010 | 100 | 8.35 | 9.10 | 5.40 | 5.90 |
| SWPA6045S1R5NT | 1.5±30% | 0.016 | 0.012 | 65 | 8.80 | 9.70 | 4.95 | 5.40 |
| SWPA6045S1R8NT | 1.8±30% | 0.016 | 0.012 | 74 | 7.60 | 8.40 | 4.95 | 5.40 |
| SWPA6045S2R2NT | 2.2±30% | 0.018 | 0.014 | 52 | 6.75 | 7.40 | 4.60 | 5.00 |
| SWPA6045S2R3NT | 2.3±30% | 0.027 | 0.021 | 60 | 6.00 | 6.60 | 3.50 | 3.80 |
| SWPA6045S2R7NT | 2.7±30% | 0.020 | 0.015 | 38 | 5.75 | 6.30 | 4.30 | 4.70 |
| SWPA6045S3R0NT | 3.0±30% | 0.026 | 0.020 | 35 | 5.60 | 6.20 | 3.80 | 4.20 |
| SWPA6045S3R3NT | 3.3±30% | 0.027 | 0.021 | 32 | 5.90 | 6.20 | 3.70 | 4.00 |
| SWPA6045S3R6NT | 3.6±30% | 0.027 | 0.021 | 28 | 5.25 | 5.70 | 3.70 | 4.00 |
| SWPA6045S4R3MT | 4.3±20% | 0.030 | 0.023 | 23 | 4.45 | 4.90 | 3.50 | 3.80 |
| SWPA6045S4R5MT | 4.5±20% | 0.034 | 0.026 | 24 | 4.97 | 5.50 | 3.30 | 3.60 |
| SWPA6045S4R7MT | 4.7±20% | 0.034 | 0.026 | 24 | 4.97 | 5.50 | 3.30 | 3.60 |
| SWPA6045S5R1MT | 5.1±20% | 0.034 | 0.026 | 23 | 4.40 | 4.80 | 3.30 | 3.60 |
| SWPA6045S5R6MT | 5.6±20% | 0.038 | 0.029 | 23 | 4.15 | 4.60 | 3.15 | 3.40 |
| SWPA6045S6R2MT | 6.2±20% | 0.040 | 0.031 | 26 | 4.43 | 4.80 | 3.00 | 3.30 |
| SWPA6045S6R3MT | 6.3±20% | 0.040 | 0.031 | 26 | 4.43 | 4.70 | 3.00 | 3.30 |
| SWPA6045S6R8MT | 6.8±20% | 0.040 | 0.031 | 20 | 3.90 | 4.30 | 3.00 | 3.30 |
| SWPA6045S7R5MT | 7.5±20% | 0.044 | 0.034 | 18 | 3.50 | 3.80 | 2.90 | 3.20 |
| SWPA6045S8R2MT | 8.2±20% | 0.056 | 0.043 | 21 | 3.90 | 4.30 | 2.60 | 2.80 |
| SWPA6045S9R1MT | 9.1±20% | 0.056 | 0.043 | 17 | 3.35 | 3.70 | 2.60 | 2.80 |
| SWPA6045S100MT | 10±20% | 0.062 | 0.048 | 15 | 3.20 | 3.50 | 2.45 | 2.70 |
| SWPA6045S120MT | 12±20% | 0.075 | 0.058 | 13 | 2.80 | 3.00 | 2.20 | 2.40 |
| SWPA6045S150MT | 15±20% | 0.088 | 0.068 | 12 | 2.50 | 2.70 | 2.05 | 2.20 |
| SWPA6045S180MT | 18±20% | 0.105 | 0.081 | 10 | 2.20 | 2.40 | 1.85 | 2.00 |
| SWPA6045S220MT | 22±20% | 0.116 | 0.089 | 10 | 2.05 | 2.20 | 1.80 | 2.00 |
| SWPA6045S270MT | 27±20% | 0.133 | 0.102 | 9.2 | 1.90 | 2.10 | 1.65 | 1.80 |
| SWPA6045S300MT | 30±20% | 0.172 | 0.132 | 7.8 | 1.70 | 1.80 | 1.50 | 1.60 |
| SWPA6045S330MT | 33±20% | 0.178 | 0.137 | 7.8 | 1.65 | 1.80 | 1.45 | 1.60 |

规格特性

SPECIFICATIONS

SWPA6045S Series

| Part Number 型号 | Inductance 电感量 @100kHz,1V | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐频率 Min. | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|---------------------------------|-----------------------|-------|--|--|-------|--|-------|
| | | Max. | Typ. | | Max. | Typ. | Max. | Typ. |
| Units 单位 | μH | Ω | | MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA6045S360MT | 36±20% | 0.225 | 0.173 | 7.8 | 1.62 | 1.80 | 1.40 | 1.50 |
| SWPA6045S390MT | 39±20% | 0.234 | 0.180 | 7.8 | 1.50 | 1.60 | 1.25 | 1.40 |
| SWPA6045S430MT | 43±20% | 0.260 | 0.20 | 7.7 | 1.63 | 1.80 | 1.20 | 1.30 |
| SWPA6045S470MT | 47±20% | 0.260 | 0.20 | 6.4 | 1.40 | 1.50 | 1.20 | 1.30 |
| SWPA6045S510MT | 51±20% | 0.269 | 0.207 | 6.4 | 1.35 | 1.50 | 1.15 | 1.20 |
| SWPA6045S560MT | 56±20% | 0.287 | 0.221 | 6.4 | 1.30 | 1.40 | 1.10 | 1.20 |
| SWPA6045S620MT | 62±20% | 0.306 | 0.235 | 6.4 | 1.25 | 1.40 | 1.10 | 1.20 |
| SWPA6045S680MT | 68±20% | 0.376 | 0.289 | 6.4 | 1.20 | 1.30 | 1.00 | 1.10 |
| SWPA6045S750MT | 75±20% | 0.397 | 0.305 | 5 | 1.15 | 1.20 | 0.95 | 1.00 |
| SWPA6045S820MT | 82±20% | 0.443 | 0.341 | 4.9 | 1.05 | 1.10 | 0.90 | 0.99 |
| SWPA6045S910MT | 91±20% | 0.467 | 0.359 | 4.9 | 1.00 | 1.10 | 0.85 | 0.94 |
| SWPA6045S101MT | 100±20% | 0.563 | 0.433 | 4.2 | 0.95 | 1.00 | 0.80 | 0.88 |
| SWPA6045S121MT | 120±20% | 0.629 | 0.484 | 4.2 | 0.85 | 0.94 | 0.77 | 0.85 |
| SWPA6045S151MT | 150±20% | 0.754 | 0.580 | 4.2 | 0.80 | 0.88 | 0.70 | 0.77 |
| SWPA6045S221MT | 220±20% | 1.084 | 0.834 | 3.5 | 0.70 | 0.77 | 0.59 | 0.65 |
| SWPA6045S331MT | 330±20% | 1.651 | 1.270 | 2.8 | 0.57 | 0.63 | 0.57 | 0.63 |
| SWPA6045S471MT | 470±20% | 2.340 | 1.80 | 2.0 | 0.500 | 0.560 | 0.420 | 0.480 |
| SWPA6045S681MT | 680±20% | 3.250 | 2.50 | 1.7 | 0.420 | 0.460 | 0.330 | 0.380 |

SWPA8040S Series

| Part Number 型号 | Inductance 电感量 @100kHz,1V | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐频率 Min. | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|---------------------------------|-----------------------|-------|--|--|-------|--|------|
| | | Max. | Typ. | | Max. | Typ. | Max. | Typ. |
| Units 单位 | μH | Ω | | MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA8040SR82NT | 0.82±30% | 0.010 | 0.008 | 94 | 13.80 | 16.00 | 6.30 | 6.90 |
| SWPA8040S1R0NT | 1.0±30% | 0.010 | 0.008 | 89 | 9.85 | 14.00 | 6.30 | 6.90 |
| SWPA8040S1R2NT | 1.2±30% | 0.013 | 0.010 | 59 | 10.00 | 14.00 | 5.65 | 6.20 |
| SWPA8040S1R5NT | 1.5±30% | 0.013 | 0.010 | 67 | 8.15 | 11.00 | 5.65 | 6.20 |
| SWPA8040S2R0NT | 2.0±30% | 0.016 | 0.012 | 43 | 9.25 | 10.00 | 5.15 | 5.60 |
| SWPA8040S2R2NT | 2.2±30% | 0.016 | 0.012 | 41 | 7.10 | 8.00 | 5.15 | 5.60 |
| SWPA8040S3R0NT | 3.0±30% | 0.018 | 0.014 | 32 | 6.10 | 7.00 | 4.70 | 5.20 |
| SWPA8040S3R3NT | 3.3±30% | 0.022 | 0.017 | 27 | 6.50 | 7.00 | 4.40 | 4.80 |
| SWPA8040S3R6NT | 3.6±30% | 0.022 | 0.017 | 30 | 7.52 | 8.50 | 4.35 | 4.80 |
| SWPA8040S3R9NT | 3.9±30% | 0.022 | 0.017 | 26 | 5.75 | 6.50 | 4.35 | 4.80 |
| SWPA8040S4R7NT | 4.7±30% | 0.025 | 0.019 | 24 | 5.90 | 6.50 | 4.10 | 4.50 |
| SWPA8040S5R1NT | 5.1±30% | 0.025 | 0.019 | 22 | 4.70 | 5.40 | 4.05 | 4.40 |
| SWPA8040S5R6NT | 5.6±30% | 0.027 | 0.021 | 24 | 6.00 | 6.90 | 3.85 | 4.20 |
| SWPA8040S6R2NT | 6.2±30% | 0.027 | 0.021 | 20 | 4.45 | 5.10 | 3.85 | 4.20 |
| SWPA8040S6R8MT | 6.8±20% | 0.031 | 0.024 | 20 | 4.55 | 5.20 | 3.60 | 4.00 |
| SWPA8040S8R2MT | 8.2±20% | 0.034 | 0.026 | 17 | 4.20 | 4.80 | 3.45 | 3.80 |
| SWPA8040S100MT | 10±20% | 0.038 | 0.029 | 15 | 3.60 | 4.10 | 3.30 | 3.60 |
| SWPA8040S120MT | 12±20% | 0.053 | 0.041 | 13 | 3.50 | 4.00 | 2.80 | 3.00 |
| SWPA8040S150MT | 15±20% | 0.061 | 0.047 | 12 | 2.95 | 3.40 | 2.60 | 2.80 |
| SWPA8040S180MT | 18±20% | 0.069 | 0.053 | 11 | 2.70 | 3.10 | 2.40 | 2.60 |
| SWPA8040S220MT | 22±20% | 0.090 | 0.069 | 9.5 | 2.40 | 2.70 | 2.10 | 2.30 |
| SWPA8040S270MT | 27±20% | 0.101 | 0.078 | 9.2 | 2.15 | 2.50 | 2.00 | 2.20 |
| SWPA8040S330MT | 33±20% | 0.126 | 0.097 | 7.8 | 2.05 | 2.40 | 1.80 | 2.00 |

规格特性

SPECIFICATIONS

SWPA8060S Series

| Part Number 型号 | Inductance 电感量 @100kHz,1V | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐频率 | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|---------------------------------|-----------------------|-------|------------------------------------|--|------|--|------|
| | | Max. | Typ. | | Min. | Max. | Typ. | Max. |
| Units 单位 | μH | Ω | | MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA8040S360MT | 36±20% | 0.133 | 0.102 | 7.8 | 2.00 | 2.30 | 1.75 | 1.90 |
| SWPA8040S390MT | 39±20% | 0.139 | 0.107 | 7.8 | 1.95 | 2.20 | 1.70 | 1.90 |
| SWPA8040S430MT | 43±20% | 0.147 | 0.113 | 7.8 | 1.90 | 2.20 | 1.65 | 1.80 |
| SWPA8040S470MT | 47±20% | 0.177 | 0.136 | 6.4 | 1.75 | 2.00 | 1.55 | 1.70 |
| SWPA8040S510MT | 51±20% | 0.185 | 0.142 | 6.4 | 1.70 | 1.90 | 1.50 | 1.60 |
| SWPA8040S560MT | 56±20% | 0.192 | 0.148 | 6.4 | 1.55 | 1.70 | 1.45 | 1.60 |
| SWPA8040S620MT | 62±20% | 0.237 | 0.182 | 6.4 | 1.50 | 1.60 | 1.30 | 1.40 |
| SWPA8040S680MT | 68±20% | 0.255 | 0.196 | 4.9 | 1.45 | 1.60 | 1.25 | 1.40 |
| SWPA8040S750MT | 75±20% | 0.274 | 0.211 | 4.9 | 1.35 | 1.50 | 1.20 | 1.30 |
| SWPA8040S820MT | 82±20% | 0.293 | 0.225 | 5.9 | 1.30 | 1.40 | 1.15 | 1.20 |
| SWPA8040S910MT | 91±20% | 0.354 | 0.272 | 4.9 | 1.20 | 1.30 | 1.05 | 1.10 |
| SWPA8040S101MT | 100±20% | 0.377 | 0.290 | 4.2 | 1.15 | 1.30 | 1.00 | 1.10 |
| SWPA8040S121MT | 120±20% | 0.434 | 0.334 | 3.5 | 1.05 | 1.10 | 0.95 | 1.00 |
| SWPA8040S151MT | 150±20% | 0.533 | 0.410 | 3.5 | 1.10 | 1.20 | 0.85 | 0.94 |
| SWPA8040S181MT | 180±20% | 0.676 | 0.520 | 3.5 | 0.95 | 1.15 | 0.83 | 0.92 |
| SWPA8040S221MT | 220±20% | 0.779 | 0.599 | 3.5 | 0.85 | 0.94 | 0.80 | 0.88 |
| SWPA8040S331MT | 330±20% | 1.156 | 0.889 | 2.8 | 0.68 | 0.75 | 0.64 | 0.70 |
| SWPA8040S471MT | 470±20% | 1.625 | 1.260 | 2.1 | 0.60 | 0.70 | 0.50 | 0.60 |

SWPA8060S Series

| Part Number 型号 | Inductance 电感量 @100kHz,1V | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐频率 | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|---------------------------------|-----------------------|------|------------------------------------|--|------|--|------|
| | | Max. | Typ. | | Min. | Max. | Typ. | Max. |
| Units 单位 | μH | Ω | | MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA8060S681KTY01 | 680±10% | 2.17 | 1.81 | 1.26 | 0.72 | 0.82 | 0.46 | 0.53 |

SWPA8065S Series

| Part Number 型号 | Inductance 电感量 @100kHz,1V | DC Resistance 直流电阻 | | Self-resonant Frequency 自谐频率 | Saturation Current 饱和电流 ^{*3} | | Heat Rating Current 温升电流 ^{*4} | |
|-------------------|---------------------------------|-----------------------|-------|------------------------------------|--|-------|--|------|
| | | Max. | Typ. | | Min. | Max. | Typ. | Max. |
| Units 单位 | μH | Ω | | MHz | A | | A | |
| Symbol 符号 | L | DCR | | S.R.F | Isat | | Irms | |
| SWPA8065S1R0MT | 1.0±20% | 0.011 | 0.008 | 96 | 20.0 | 22.0 | 7.00 | 8.00 |
| SWPA8065S3R3MT | 3.3±20% | 0.018 | 0.015 | 27 | 9.50 | 10.00 | 5.10 | 5.90 |
| SWPA8065S4R7MT | 4.7±20% | 0.022 | 0.018 | 18 | 8.50 | 9.50 | 4.70 | 5.40 |
| SWPA8065S5R6MT | 5.6±20% | 0.026 | 0.022 | 17 | 8.00 | 9.00 | 4.50 | 5.20 |
| SWPA8065S6R8MT | 6.8±20% | 0.026 | 0.022 | 16 | 7.50 | 8.00 | 4.50 | 5.20 |
| SWPA8065S8R2MT | 8.2±20% | 0.031 | 0.026 | 15 | 7.00 | 7.70 | 4.20 | 4.80 |
| SWPA8065S100MT | 10±20% | 0.044 | 0.037 | 13 | 8.00 | 8.90 | 3.20 | 3.70 |
| SWPA8065S220MT | 22±20% | 0.072 | 0.060 | 8 | 4.30 | 4.80 | 2.70 | 3.10 |
| SWPA8065S101MT | 100±20% | 0.028 | 0.233 | 3.1 | 2.00 | 2.40 | 1.35 | 1.45 |
| SWPA8065S151MT | 150±20% | 0.440 | 0.353 | 2.5 | 1.60 | 2.00 | 0.95 | 1.10 |
| SWPA8065S221MT | 220±20% | 0.656 | 0.547 | 2.0 | 1.20 | 1.50 | 0.80 | 0.90 |
| SWPA8065S331MT | 330±20% | 0.840 | 0.700 | 1.7 | 1.00 | 1.20 | 0.75 | 0.85 |
| SWPA8065S431MT | 430±20% | 1.20 | 1.00 | 1.5 | 0.95 | 1.05 | 0.61 | 0.69 |

- ※1: All test data is referenced to 20 °C ambient;
- ※2: Rated current: Isat or Irms, whichever is smaller;
- ※*3: Isat: DC current at which the inductance drops approximate 30% from its value without current;
- ※*4: Irms: DC current that causes the temperature rise ($\Delta T = 40^\circ\text{C}$) from 20 °C ambient.

电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

SWPA252010S Series

Temperature vs. DC Current Characteristics



Inductance vs. DC Current Characteristics



SWPA252012S Series

Temperature vs. DC Current Characteristics



Inductance vs. DC Current Characteristics



SWPA3010S Series

Temperature vs. DC Current Characteristics



Inductance vs. DC Current Characteristics



SWPA3012S Series

Temperature vs. DC Current Characteristics



Inductance vs. DC Current Characteristics



电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

SWPA3015S Series

Temperature vs. DC Current Characteristics

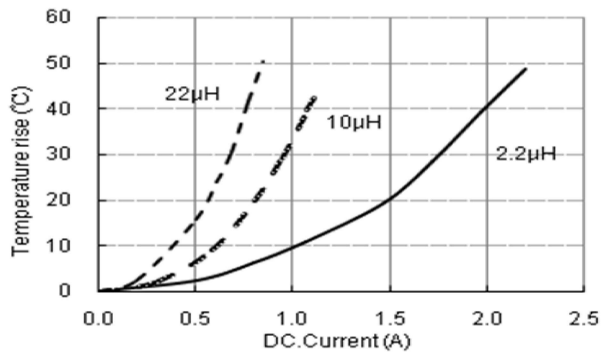


Inductance vs. DC Current Characteristics

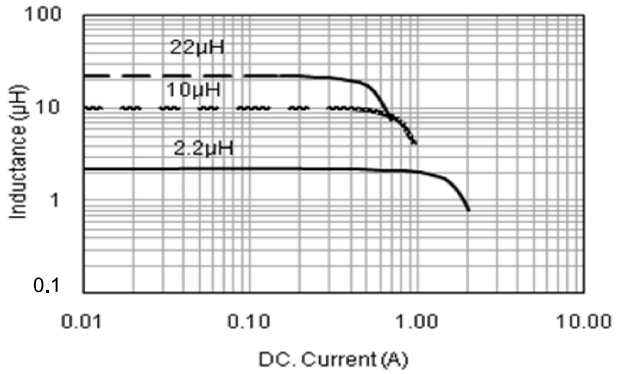


SWPA4010S Series

Temperature vs. DC Current Characteristics

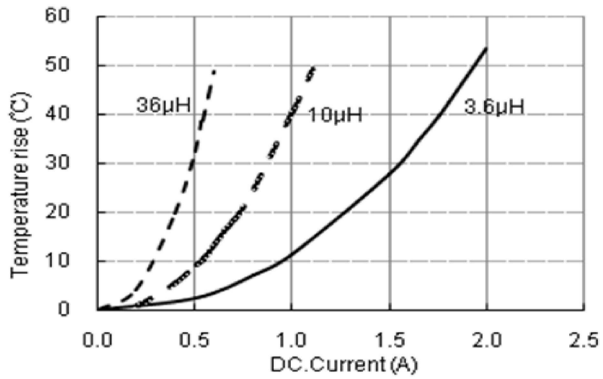


Inductance vs. DC Current Characteristic

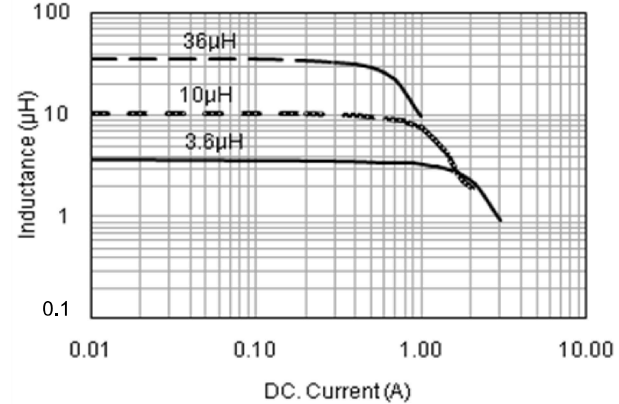


SWPA4012S Series

Temperature vs. DC Current Characteristics



Inductance vs. DC Current Characteristic



SWPA4018S Series

Temperature vs. DC Current Characteristics



Inductance vs. DC Current Characteristics



电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

SWPA4020S Series

Temperature vs. DC Current Characteristics



Inductance vs. DC Current Characteristics



SWPA4030S Series

Temperature vs. DC Current Characteristics



Inductance vs. DC Current Characteristics



SWPA5012S Series

Temperature vs. DC Current Characteristics



Inductance vs. DC Current Characteristics



SWPA5020S Series

Temperature vs. DC Current Characteristics



Inductance vs. DC Current Characteristics



电气特性

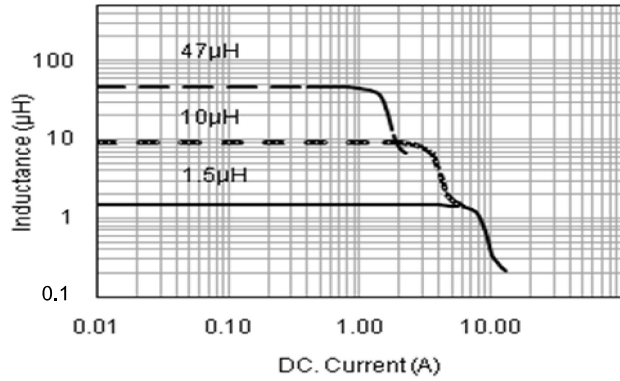
TYPICAL ELECTRICAL CHARACTERISTICS

SWPA5040S Series

Temperature vs. DC Current Characteristics



Inductance vs. DC Current Characteristics

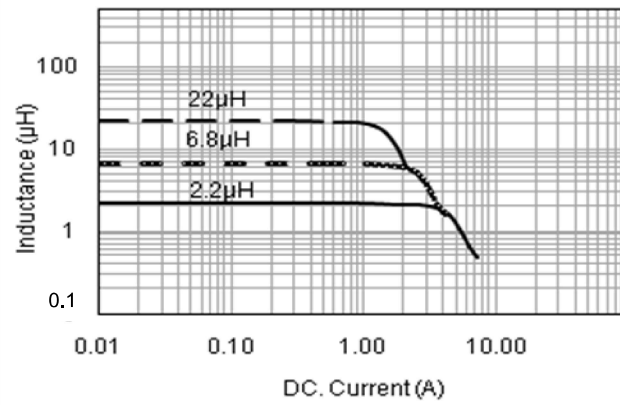


SWPA6020S Series

Temperature vs. DC Current Characteristics



Inductance vs. DC Current Characteristics

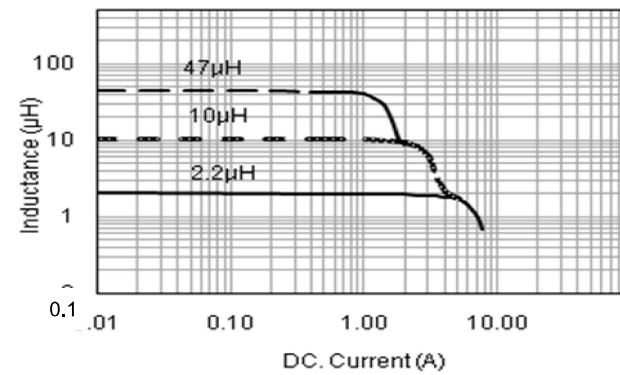


SWPA6028S Series

Temperature vs. DC Current Characteristics



Inductance vs. DC Current Characteristics

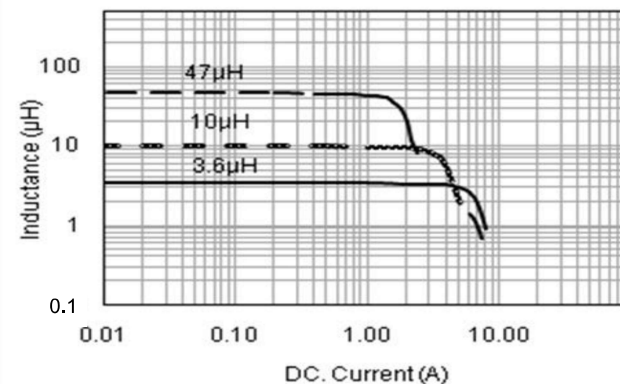


SWPA6045S Series

Temperature vs. DC Current Characteristics



Inductance vs. DC Current Characteristics



SWPA8040S Series

Temperature vs. DC Current Characteristics



Inductance vs. DC Current Characteristics



SWPA8065S Series

Temperature vs. DC Current Characteristics



Inductance vs. DC Current Characteristics



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