

SMD Type Molding Power Inductor

SDS2016B/SDS2520B/SDS0312B/SDS0320B/SDS0412B/SDS0415B/SDS0418B/SDS0420B/SDS0512B/SDS0515B/SDS0518B

SDS0520B/SDS0530B/SDS0540B/SDS0550B/SDS0560B/SDS0612B/SDS0615B/SDS0618B/SDS0620B/SDS0624B/SDS0630B
SDS0640B/SDS0650B/SDS0660B/SDS0830B/SDS0840B/SDS0850B/SDS1030B/SDS1040B/SDS1050B/SDS1060B/SDS1235B
SDS1240B/SDS1250B/SDS1260B/SDS1265B/SDS1770B



Features (特长)

- Magnetically shielded construction (闭磁路构造设计)
- Compact and thin (轻便薄小)
- Large Current and Low DCR (大电流低直流阻抗)

Applications (用途)

- DC-DC converter of portable equipment. (携带机器之直流转换器)
- Camcorder, LCD television set, Digital camera, P.D.A., Notebook. (摄影机、液晶电视、数位相机、P.D.A.、笔记型计算机)

Product Identification (产品识别)

SDS2016B — _____ (Ex. SDS2016B-1R0M)

1 2 3

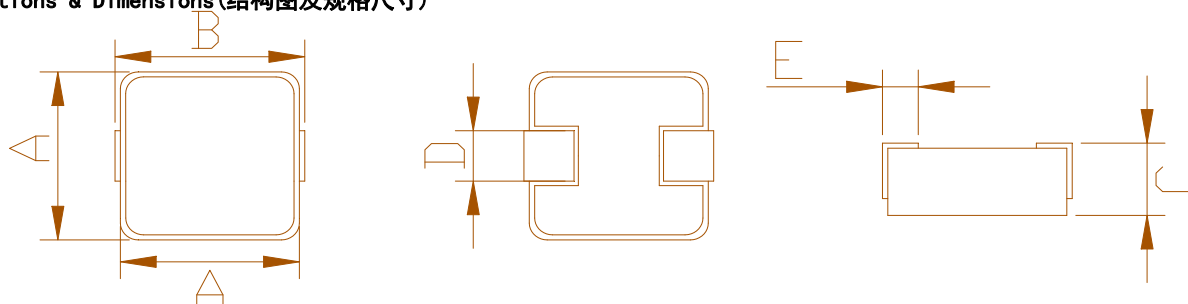
1. SMT Shielded Power Inductors (闭磁式功率电感)

(SDS2016B/SDS2520B/SDS0312B/SDS0320B/SDS0412B/SDS0415B/SDS0418B)

2. Inductance (电感值)

3. Tolerance (误差值) (参照表 M:20%, N:30%)

Configurations & Dimensions (结构图及规格尺寸)



Unit In mm

| SERIES | A | B | C(max) | D | E |
|----------|----------|----------|--------|---------|---------|
| SDS2016B | 2.0±0.1 | 1.6±0.1 | 1.0 | 0.5±0.3 | 1.0 |
| SDS2520B | 2.5±0.1 | 2.0±0.1 | 1.2 | 0.5±0.3 | 1.0 |
| SDS0312B | 3.5(max) | 3.2(max) | 1.2 | 1.2±0.5 | 0.7±0.3 |
| SDS0320B | 3.5(max) | 3.2(max) | 2.0 | 1.2±0.5 | 0.7±0.3 |
| SDS0412B | 4.9(max) | 4.5(max) | 1.2 | 1.5±0.5 | 1.0±0.3 |
| SDS0415B | 4.9(max) | 4.5(max) | 1.5 | 1.5±0.5 | 1.0±0.3 |

| SERIES | A | B | C (max) | D | E |
|----------|------------|------------|---------|----------|---------|
| SDS0418B | 4.9 (max) | 4.5 (max) | 1.8 | 1.5±0.5 | 1.0±0.3 |
| SDS0420B | 4.9 (max) | 4.5 (max) | 2.0 | 1.5±0.5 | 1.0±0.3 |
| SDS0512B | 5.9 (max) | 5.2 (max) | 1.2 | 2.0±0.5 | 1.2±0.5 |
| SDS0515B | 5.9 (max) | 5.2 (max) | 1.5 | 2.0±0.5 | 1.2±0.5 |
| SDS0518B | 5.9 (max) | 5.2 (max) | 1.8 | 2.0±0.5 | 1.0±0.3 |
| SDS0520B | 5.9 (max) | 5.2 (max) | 2.0 | 2.0±0.5 | 1.0±0.3 |
| SDS0530B | 5.9 (max) | 5.2 (max) | 3.0 | 2.0±0.5 | 1.0±0.3 |
| SDS0540B | 5.9 (max) | 5.2 (max) | 4.0 | 2.0±0.5 | 1.0±0.3 |
| SDS0550B | 5.9 (max) | 5.2 (max) | 5.0 | 2.0±0.5 | 1.0±0.3 |
| SDS0560B | 5.9 (max) | 5.2 (max) | 6.0 | 2.0±0.5 | 1.0±0.3 |
| SDS0612B | 7.8 (max) | 7.0 (max) | 1.2 | 3.0±0.3 | 1.5±0.5 |
| SDS0615B | 7.8 (max) | 7.0 (max) | 1.5 | 3.0±0.3 | 1.5±0.5 |
| SDS0618B | 7.8 (max) | 7.0 (max) | 1.8 | 3.0±0.3 | 1.5±0.5 |
| SDS0620B | 7.8 (max) | 7.0 (max) | 2.0 | 3.0±0.3 | 1.5±0.5 |
| SDS0624B | 7.8 (max) | 7.0 (max) | 2.4 | 3.0±0.3 | 1.5±0.5 |
| SDS0630B | 7.8 (max) | 7.0 (max) | 3.0 | 3.0±0.3 | 1.5±0.5 |
| SDS0640B | 7.8 (max) | 7.0 (max) | 4.0 | 3.0±0.3 | 1.5±0.5 |
| SDS0650B | 7.8 (max) | 7.0 (max) | 5.0 | 3.0±0.3 | 1.5±0.5 |
| SDS0660B | 7.8 (max) | 7.0 (max) | 6.0 | 3.0±0.3 | 1.5±0.5 |
| SDS0830B | 8.0±0.5 | 9.0±0.5 | 3.0 | 3.0±0.5 | 1.5±0.5 |
| SDS0840B | 8.0±0.5 | 9.0±0.5 | 4.0 | 3.0±0.5 | 1.5±0.5 |
| SDS0850B | 8.0±0.5 | 9.0±0.5 | 5.0 | 3.0±0.5 | 1.5±0.5 |
| SDS1030B | 11.8 (max) | 10.8 (max) | 3.0 | 3.0±0.5 | 2.0±0.5 |
| SDS1040B | 11.8 (max) | 10.8 (max) | 4.0 | 3.0±0.5 | 2.0±0.5 |
| SDS1050B | 11.8 (max) | 10.8 (max) | 5.0 | 3.0±0.5 | 2.0±0.5 |
| SDS1060B | 11.8 (max) | 10.8 (max) | 6.0 | 3.0±0.5 | 2.0±0.5 |
| SDS1235B | 14.5 (max) | 13.5 (max) | 3.5 | 3.5±0.5 | 2.5±0.5 |
| SDS1240B | 14.5 (max) | 13.5 (max) | 4.0 | 3.5±0.5 | 2.5±0.5 |
| SDS1250B | 14.5 (max) | 13.5 (max) | 5.0 | 3.5±0.5 | 2.5±0.5 |
| SDS1260B | 14.5 (max) | 13.5 (max) | 6.0 | 3.5±0.5 | 2.5±0.5 |
| SDS1265B | 14.5 (max) | 13.5 (max) | 6.5 | 3.5±0.5 | 2.5±0.5 |
| SDS1770B | 19.0 (max) | 17.5 (max) | 7.0 | 11.7±0.3 | 3.3±0.5 |

♣Design as Customer' s Requested Specifications. (可依客户特殊需求设计)

Specifications For Each Series Of Electronic Characteristics [各系列电子特性规格]

SDS2016B/SDS2520B/SDS0312B/SDS0320B/SDS0412B/SDS0415B

| Codes | L (uH) | Tolerance | Test Freq. (KHz) | DCR (Ω) max | | | | | | Isat (A) max | | | | | |
|-------|-----------|-----------|---------------------|-------------|------|------|------|------|------|--------------|------|------|------|------|------|
| | | | | 2016 | 2520 | 0312 | 0320 | 0412 | 0415 | 2016 | 2520 | 0312 | 0320 | 0412 | 0415 |
| R22 | 0.22 | M | 100 | - | - | - | 11.4 | 12 | 9 | - | - | - | 7.5 | 11.5 | 9 |
| R24 | 0.24 | M | 100 | 42 | - | - | - | - | - | 4.2 | - | - | - | - | - |
| R36 | 0.36 | M | 100 | - | - | - | 13.8 | - | - | - | - | - | 6.5 | - | - |
| R47 | 0.47 | M | 100 | 46 | 39 | 28 | - | 25 | 20 | 3.2 | 4.2 | 6.0 | - | 7 | 7 |
| R56 | 0.56 | M | 100 | - | - | - | 19.4 | - | - | - | - | - | 5.5 | - | - |
| R68 | 0.68 | M | 100 | - | - | - | 20.4 | 36 | - | - | - | - | 5.0 | 6 | - |
| R88 | 0.88 | M | 100 | - | - | - | 22 | - | - | - | - | - | 4.5 | - | - |
| 1R0 | 1.0 | M | 100 | 75 | 59 | 55 | 24 | 47 | 45 | 2.2 | 3.1 | 3.6 | 4.5 | 5.2 | 5 |
| 1R2 | 1.2 | M | 100 | - | - | - | 27 | - | - | - | - | - | 4.0 | - | - |
| 1R5 | 1.5 | M | 100 | 130 | - | - | 32 | - | 63 | 1.65 | - | - | 4.0 | - | 4 |
| 2R2 | 2.2 | M | 100 | 160 | 117 | 125 | 46 | 83.5 | 100 | 1.5 | 2.0 | 2.8 | 3.3 | 3.5 | 3 |
| 3R3 | 3.3 | M | 100 | 255 | 156 | - | - | - | - | 1.2 | 1.8 | - | - | - | - |
| 4R7 | 4.7 | M | 100 | 380 | 260 | - | - | 195 | 140 | 1.0 | 1.5 | - | - | 2.8 | 2.5 |

SDS0418B/SDS0420B/SDS0512B/SDS0515B/SDS0518B/SDS0520B

| Codes | L (uH) | Tolerance | Test Freq. (KHz) | DCR (Ω) max | | | | | | Isat (A) max | | | | | |
|-------|-----------|-----------|---------------------|-------------|------|------|------|------|------|--------------|------|------|------|------|------|
| | | | | 0418 | 0420 | 0512 | 0515 | 0518 | 0520 | 0418 | 0420 | 0512 | 0515 | 0518 | 0520 |
| R22 | 0.22 | M | 100 | - | 8 | - | - | - | 6 | - | 12 | - | - | - | 16 |
| R33 | 0.33 | M | 100 | - | 10 | - | - | - | 9 | - | 11 | - | - | - | 15 |
| R36 | 0.36 | M | 100 | - | 12 | - | - | - | - | - | 10 | - | - | - | - |
| R47 | 0.47 | M | 100 | - | 14 | - | - | 9 | 10 | - | 9.5 | - | - | 15.5 | 12 |
| R56 | 0.56 | M | 100 | - | 18 | - | - | - | - | - | 8 | - | - | - | - |
| R68 | 0.68 | M | 100 | - | 21 | - | - | - | 16 | - | 8 | - | - | - | 11 |
| 1R0 | 1.0 | M | 100 | 27 | 27 | - | 25 | 17 | 17 | 7 | 7 | - | 7 | 9 | 8 |
| 1R5 | 1.5 | M | 100 | 48 | 45 | - | - | - | 28 | 6 | 6 | - | - | - | 7 |
| 2R2 | 2.2 | M | 100 | 58 | 58 | 76 | 85 | 35 | 45 | 5 | 5 | 4 | 5 | 6.5 | 6 |
| 2R7 | 2.7 | M | 100 | - | 58 | - | - | - | - | - | 4 | - | - | - | - |
| 3R3 | 3.3 | M | 100 | - | 90 | - | - | - | 80 | - | 3 | - | - | - | 5 |
| 4R7 | 4.7 | M | 100 | 150 | 150 | - | 120 | - | 85 | 3 | 2.8 | - | 3 | - | 3.5 |
| 6R8 | 6.8 | M | 100 | - | 170 | 250 | - | 120 | 100 | - | 2.5 | 2.3 | - | 3.4 | 3 |
| 100 | 10 | M | 100 | - | 200 | - | - | - | 190 | - | 1.8 | - | - | - | 2.5 |

SDS0530B/SDS0540B/SDS0550B/SDS0560B/SDS0612B/SDS0615B

| Codes | L (uH) | Tolerance | Test Freq. (KHz) | DCR (Ω) max | | | | | | Isat (A) max | | | | | |
|-------|-----------|-----------|---------------------|-------------|------|------|------|------|------|--------------|------|------|------|------|------|
| | | | | 0530 | 0540 | 0550 | 0560 | 0612 | 0615 | 0530 | 0540 | 0550 | 0560 | 0612 | 0615 |
| R47 | 0.47 | M | 100 | 11 | - | - | - | - | - | 13 | - | - | - | - | - |
| R68 | 0.68 | M | 100 | 12 | - | - | - | - | - | 12 | - | - | - | - | - |
| 1R0 | 1.0 | M | 100 | 16 | - | - | - | - | 25 | 11 | - | - | - | - | 9 |
| 1R5 | 1.5 | M | 100 | 22 | - | - | - | - | - | 10 | - | - | - | - | - |
| 2R2 | 2.2 | M | 100 | 35 | 35 | - | - | - | 54 | 9 | 9 | - | - | - | 6 |
| 3R3 | 3.3 | M | 100 | 38 | - | - | - | - | 63 | 7 | - | - | - | - | 5.5 |
| 4R7 | 4.7 | M | 100 | 60 | - | 50 | - | - | 105 | 5 | - | 6 | - | - | 4.5 |
| 6R8 | 6.8 | M | 100 | 90 | - | 70 | - | 210 | 140 | 3.5 | - | 5.5 | - | 2.8 | 4 |
| 100 | 10 | M | 100 | 100 | 90 | - | - | 300 | - | 3 | 4 | - | - | 1.6 | - |
| 150 | 15 | M | 100 | 165 | - | 138 | - | - | - | 2 | - | 3.5 | - | - | - |

| | | | | | | | | | | | | | | | |
|-----|----|---|-----|-----|---|-----|-----|---|---|-----|---|---|-----|---|---|
| 220 | 22 | M | 100 | 230 | - | 238 | 140 | - | - | 1.5 | - | 2 | 2.5 | - | - |
|-----|----|---|-----|-----|---|-----|-----|---|---|-----|---|---|-----|---|---|

SDS0618B/SDS0620B/SDS0624B/SDS0630B/SDS0640B/SDS0650B

| Codes | L (uH) | Tolerance | Test Freq. (KHz) | DCR (Ω) max | | | | | | I sat (A) max | | | | | |
|-------|-----------|-----------|---------------------|----------------------|------|------|------|------|------|---------------|------|------|------|------|------|
| | | | | 0618 | 0620 | 0624 | 0630 | 0640 | 0650 | 0618 | 0620 | 0624 | 0630 | 0640 | 0650 |
| R22 | 0.22 | M | 100 | - | - | 2.8 | 3.5 | - | 3.5 | - | - | 35 | 40 | - | 45 |
| R33 | 0.33 | M | 100 | - | - | - | 3.9 | - | - | - | - | - | 30 | - | - |
| R47 | 0.47 | M | 100 | 8.4 | - | 6.8 | 4.5 | - | 4.5 | 18 | - | 21 | 25 | - | 21 |
| R56 | 0.56 | M | 100 | - | - | - | 5.5 | 5.5 | 6 | - | - | - | 24 | 22 | 25 |
| R68 | 0.68 | M | 100 | 12 | 10 | 8 | 5.5 | 5.5 | 6.5 | 16 | 16 | 20 | 23 | 20 | 19 |
| R82 | 0.82 | M | 100 | - | - | - | 8 | - | 7.5 | - | - | - | 20 | - | 18 |
| 1R0 | 1.0 | M | 100 | 22 | 20 | 11 | 9 | 8.5 | 8.5 | 11 | 14 | 13 | 16 | 19 | 17 |
| 1R5 | 1.5 | M | 100 | 30 | 30 | 20 | 15 | 15 | 9 | 9.8 | 12 | 12 | 14 | 16 | 12 |
| 2R2 | 2.2 | M | 100 | 35 | 35 | 26 | 20 | 18 | 12.5 | 9 | 10 | 11 | 12 | 14 | 12 |
| 3R3 | 3.3 | M | 100 | 68 | 64 | 28 | 30 | 20 | 20 | 8 | 7.5 | 8.7 | 10 | 13 | 9 |
| 3R8 | 3.8 | M | 100 | - | - | - | - | - | 25 | - | - | - | - | - | 8 |
| 4R7 | 4.7 | M | 100 | 75 | 70 | 73 | 40 | 28 | 15 | 5 | 6 | 8 | 9 | 8 | 7 |
| 4R9 | 4.9 | M | 100 | - | - | - | - | - | 16 | - | - | - | - | - | 6.5 |
| 5R6 | 5.6 | M | 100 | - | - | 80 | 60 | - | 30 | - | - | 7 | 7 | - | 6 |
| 6R8 | 6.8 | M | 100 | - | 100 | 90 | 60 | - | 38 | - | 4 | 5 | 6 | - | 6 |
| 8R2 | 8.2 | M | 100 | - | - | - | 80 | - | 40 | - | - | - | 6 | - | 6 |
| 100 | 10 | M | 100 | 137 | 154 | 125 | 105 | - | 60 | 3 | 3.5 | 4.5 | 5.5 | - | 5.3 |
| 150 | 15 | M | 100 | - | - | - | 140 | - | 85 | - | - | - | 4 | - | 5 |
| 220 | 22 | M | 100 | - | - | - | 167 | - | 85 | - | - | - | 3.5 | - | 4 |
| 330 | 33 | M | 100 | - | - | - | 280 | - | 237 | - | - | - | 2 | - | 3 |
| 470 | 47 | M | 100 | - | - | - | 290 | - | 280 | - | - | - | 1.8 | - | 2 |
| 680 | 68 | M | 100 | - | - | - | - | - | 310 | - | - | - | - | - | 1.8 |

SDS0660B/SDS0830B/SDS0840B/SDS0850B/SDS1030B/SDS1040B/SDS1050B

| Codes | L (uH) | Tolerance | Test Freq. (KHz) | DCR (Ω) max | | | | | | I sat (A) max | | | | | | | |
|-------|-----------|-----------|---------------------|----------------------|------|------|------|------|------|---------------|------|------|------|------|------|------|------|
| | | | | 0660 | 0830 | 0840 | 0850 | 1030 | 1040 | 1050 | 0660 | 0830 | 0840 | 0850 | 1030 | 1040 | 1050 |
| R22 | 0.22 | M | 100 | - | - | 2.5 | 0.9 | - | 1.1 | - | - | - | 32 | 40 | - | 60 | - |
| R33 | 0.33 | M | 100 | - | - | - | - | - | 1.4 | - | - | - | - | - | - | 50 | - |
| R36 | 0.36 | M | 100 | - | - | - | - | - | 1.4 | - | - | - | - | - | - | 50 | - |
| R47 | 0.47 | M | 100 | - | - | - | - | - | 1.8 | - | - | - | - | - | - | 38 | - |
| R56 | 0.56 | M | 100 | - | - | - | - | - | 1.8 | - | - | - | - | - | - | 33 | - |
| R68 | 0.68 | M | 100 | - | - | - | - | - | 3.0 | - | - | - | - | - | - | 32 | - |
| R82 | 0.82 | M | 100 | - | - | - | - | - | - | 2.5 | - | - | - | - | - | - | 32 |
| R90 | 0.90 | M | 100 | - | - | - | - | - | 3.0 | - | - | - | - | - | - | 30 | - |
| 1R0 | 1.0 | M | 100 | - | - | 8.0 | - | 7.0 | 4.1 | 4 | - | - | 19 | - | 18 | 28 | 30 |
| 1R5 | 1.5 | M | 100 | - | - | - | - | 9 | 5.8 | - | - | - | - | - | 16 | 27 | - |
| 1R8 | 1.8 | M | 100 | - | - | - | - | - | - | 6 | - | - | - | - | - | - | 27.5 |
| 2R2 | 2.2 | M | 100 | 10 | 20.3 | 12.5 | - | 12 | 9 | 8 | 14 | 21 | 15 | - | 14 | 25 | 27 |
| 3R3 | 3.3 | M | 100 | 11 | 25 | 20 | - | - | 13.5 | 11 | 12 | 10 | 12 | - | - | 16 | 19 |
| 3R9 | 3.9 | M | 100 | - | - | - | - | - | 16 | - | - | - | - | - | - | 16 | - |
| 4R7 | 4.7 | M | 100 | - | - | - | 16 | 25 | 16.5 | 17 | - | - | - | 8 | 8.5 | 14 | 14 |
| 5R6 | 5.6 | M | 100 | - | - | - | - | - | 25 | - | - | - | - | - | - | 13 | - |
| 6R8 | 6.8 | M | 100 | 22 | - | - | - | - | 28 | 22 | 7.5 | - | - | - | - | 12 | 10 |
| 8R2 | 8.2 | M | 100 | - | - | - | - | 55 | 30 | - | - | - | - | - | 6 | 9 | - |
| 100 | 10 | M | 100 | - | - | 60 | 40 | 56 | 36.5 | 38 | - | - | 5.3 | 7 | 5 | 9 | 10 |
| 120 | 12 | M | 100 | - | - | - | - | - | 48 | - | - | - | - | - | - | 8 | - |
| 150 | 15 | M | 100 | - | - | - | 75 | 65 | 48 | 45 | - | - | - | 6 | 4 | 7 | 10 |
| 220 | 22 | M | 100 | - | - | - | 120 | - | 60 | 60 | - | - | - | 5 | - | 6 | 7 |
| 330 | 33 | M | 100 | - | - | 144 | 150 | - | 145 | 145 | - | - | 3.2 | 4 | - | 4.5 | 6 |
| 470 | 47 | M | 100 | - | - | - | 220 | - | 145 | - | - | - | - | 3.2 | - | 3 | - |
| 560 | 56 | M | 100 | - | - | - | 235 | - | - | - | - | - | - | 2.8 | - | - | - |
| 680 | 68 | M | 100 | - | - | - | 280 | - | 220 | - | - | - | - | 2.5 | - | 3.5 | - |

| | | | | | | | | | | | | | | | | | |
|-----|-----|---|-----|---|---|-----|---|---|-----|---|---|---|---|---|---|---|---|
| 101 | 100 | M | 100 | - | - | 400 | - | - | 270 | - | - | - | 2 | - | - | 2 | - |
|-----|-----|---|-----|---|---|-----|---|---|-----|---|---|---|---|---|---|---|---|

SDS1060B/SDS1235B/SDS1240B/SDS1250B/SDS1260B/SDS1265B/SDS1770B

| Codes | L (μ H) | Tolerance | Test Freq. (KHz) | DCR (Ω) max | | | | | | | Isat (A) max | | | | | | |
|-------|-----------------|-----------|---------------------|----------------------|------|------|------|------|------|------|--------------|------|------|------|------|------|------|
| | | | | 1060 | 1235 | 1240 | 1250 | 1260 | 1265 | 1770 | 1060 | 1235 | 1240 | 1250 | 1260 | 1265 | 1770 |
| R22 | 0.22 | M | 100 | - | 1.3 | - | - | - | 0.81 | 0.70 | - | 65 | - | - | - | 80 | 100 |
| R33 | 0.33 | M | 100 | - | - | - | 1.0 | 2.3 | - | 0.8 | - | - | - | 60 | 55 | - | 90 |
| R36 | 0.36 | M | 100 | - | - | - | 1.2 | - | - | - | - | - | - | 50 | - | - | - |
| R47 | 0.47 | M | 100 | - | 1.7 | 2.0 | 1.3 | - | - | 1.0 | - | 35 | 55 | 48 | - | - | 80 |
| R56 | 0.56 | M | 100 | - | - | - | 1.5 | - | 1.7 | 1.15 | - | - | - | 46 | - | 60 | 70 |
| R60 | 0.60 | M | 100 | - | - | 3.0 | - | - | - | - | - | - | 40 | - | - | - | - |
| R68 | 0.68 | M | 100 | - | 2.5 | - | 1.5 | 2.8 | 1.8 | - | - | 49 | - | 40 | 45 | 54 | - |
| R82 | 0.82 | M | 100 | - | - | - | 2.5 | - | 2.0 | 1.3 | - | - | - | 39 | - | 50 | 60 |
| 1R0 | 1.0 | M | 100 | 3 | 3.5 | 3.5 | 3.5 | 3.5 | 2.5 | 1.7 | 27 | 26 | 38 | 35 | 40 | 49 | 50 |
| 1R5 | 1.5 | M | 100 | 5 | 5.0 | 4.5 | 4.1 | 4 | 3.5 | 2.15 | 25 | 24 | 30 | 33 | 35 | 45 | 45 |
| 1R8 | 1.8 | M | 100 | - | - | 8.3 | 4.3 | - | - | - | - | - | 26 | 30 | - | - | - |
| 2R2 | 2.2 | M | 100 | 7 | 8 | 9.5 | 4.5 | 4.5 | 4.5 | 2.6 | 20 | 20 | 22 | 25 | 32 | 40 | 34 |
| 3R3 | 3.3 | M | 100 | 9 | 12 | 10 | 13 | 8.2 | 8.2 | 3.5 | 19 | 16 | 20 | 23 | 30 | 28 | 24 |
| 4R7 | 4.7 | M | 100 | 17 | 15 | 14 | 15 | 13.5 | 14 | 5 | 15 | 14 | 15 | 21 | 25 | 22.5 | 21 |
| 5R6 | 5.6 | M | 100 | - | - | 17 | 17 | 21 | 15 | - | - | - | 14 | 20 | 22 | 20 | - |
| 6R8 | 6.8 | M | 100 | 24 | 25 | 24 | 19 | 23 | 13 | 7 | 13 | 12 | 12 | 18 | 20 | 18 | 18 |
| 8R2 | 8.2 | M | 100 | - | - | 28 | 22.5 | - | 25 | 9 | - | - | 12 | 17 | - | 16 | 18 |
| 100 | 10 | M | 100 | 35 | 35 | 35 | 25.5 | 30 | 25 | 10 | 11 | 10 | 10 | 13 | 12.5 | 15.5 | 17 |
| 150 | 15 | M | 100 | - | - | 60 | 60 | 38 | 38 | 15 | - | - | 9 | 12 | 10 | 9 | 12 |
| 220 | 22 | M | 100 | - | - | 80 | 75 | 45 | 48 | 25 | - | - | 7 | 8 | 7.5 | 7.5 | 9.5 |
| 330 | 33 | M | 100 | - | - | - | 82 | - | 66 | 35 | - | - | - | 6 | - | 6.5 | 9 |
| 470 | 47 | M | 100 | - | - | - | 90 | - | 90 | 40 | - | - | - | 3.5 | - | 5 | 7.5 |
| 560 | 56 | M | 100 | - | - | - | 180 | - | 110 | - | - | - | - | 3.5 | - | 4 | - |
| 680 | 68 | M | 100 | - | - | - | 210 | - | 123 | 80 | - | - | - | 3.5 | - | 3.5 | 5 |
| 820 | 82 | M | 100 | - | - | - | - | - | - | 105 | - | - | - | - | - | - | 4.5 |
| 101 | 100 | M | 100 | - | - | - | - | - | - | 120 | - | - | - | - | - | - | 4 |
| 121 | 120 | M | 100 | - | - | - | - | - | 260 | - | - | - | - | - | - | 3 | - |
| 151 | 150 | M | 100 | - | - | - | - | - | 298 | - | - | - | - | - | - | 2.5 | - |

- NOTES:
1. Isat : DC current (A) that will cause Lo to drop approximately 30%
 2. All test data is referenced to 25°C ambient
 3. Operating Temperature Range -40°C to +125°C
 4. The part temperature (ambient + temp rise) should not exceed 125°C under the worst operating conditions.
- Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provisions all affect the part temperature. Part temperature should be verified in the end application.

5. TEST FREQUENCY: 100KHz/0.25V

6. TESTING INSTRUMENT L : Agilent4284A, WK4235, CH3302/G LCR METER

CH1320, CH1320S BIAS CURRENT SOURCE

Rdc : CH502BC MICRO OHMMETER

备注：以上为我司常规品特性需求，若客户有特殊需求，我司会根据客户需求进行设计。

Remark: the above requirements for our conventional product features, if customers have special requirements, we will design according to customer's requirements.