



## Wire Wound SMD Power Inductors

### FEATURES

- Magnetic shield structure
- High current, low DC resistance
- Composite structure, ultra-low noise
- Good weldability and high heat resistance

### APPLICATIONS

- PDA/Laptop, Desktop/Server, etc
- High current POL converter
- High current power supply, battery powered equipment
- DC-DC conversion of distributed power systems
- DC-DC conversion for field programmable gate arrays



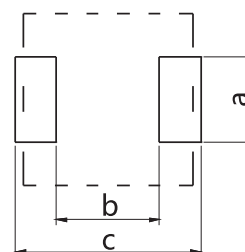
### PRODUCT IDENTIFICATION



### SHAPE AND DIMENSIONS



### RECOMMENDED PAD SIZE





| Specification | Dimensions |          |      |             |     |       |       |       |
|---------------|------------|----------|------|-------------|-----|-------|-------|-------|
|               | A          | B        | Cmax | D           | E   | a Typ | b Typ | c Typ |
| SKSHC0402     | 4.6±0.3    | 4.0±0.3  | 2.0  | 2.0±0.3     | 0.8 | 2.5   | 2.5   | 5.2   |
| SKSHC0503     | 5.7±0.3    | 5.1±0.3  | 3.0  | 2.1±0.3     | 1.2 | 2.5   | 2.2   | 6.5   |
| SKSHC0603     | 7.2±0.4    | 6.6±0.3  | 3.0  | 3.0±0.3     | 1.6 | 3.5   | 3.7   | 8.5   |
| SKSHC0603L    | 7.2±0.4    | 6.6±0.3  | 3.0  | 3.0±0.3     | 1.6 | 3.5   | 3.7   | 8.5   |
| SKSHC0605     | 7.2±0.4    | 6.6±0.3  | 5.0  | 3.0±0.3     | 1.6 | 3.5   | 3.7   | 8.5   |
| SKSHC1004     | 11.6max    | 10.1±0.3 | 4.0  | 3.0±0.3     | 2.5 | 3.5   | 5.4   | 13.0  |
| SKSHC1005     | 11.6max    | 10.1±0.3 | 5.0  | 3.0±0.3     | 2.5 | 3.5   | 5.4   | 13.0  |
| SKSHC1204     | 13.8max    | 12.6±0.3 | 4.0  | 3.5/3.0±0.5 | 2.7 | 5.0   | 6.5   | 14.5  |
| SKSHC1205     | 13.8max    | 12.6±0.3 | 5.0  | 3.5/3.0±0.5 | 2.7 | 5.0   | 6.5   | 14.5  |
| SKSHC1265     | 13.8max    | 12.6±0.3 | 6.5  | 3.5/3.0±0.5 | 2.7 | 5.0   | 6.5   | 14.5  |
| SKSHC1770     | 17.5±1.0   | 17.5max  | 7.0  | 11.94±0.5   | 2.5 | 12.6  | 10.4  | 19.6  |

## SPECIFICATIONS

### SKSHC0402 TYPE

| Part Number   | Inductance | L Test Freq. | Max.DC Resistance | Temperature rise current | Saturation current |
|---------------|------------|--------------|-------------------|--------------------------|--------------------|
| Units         | μH         | kHz/V        | mΩ                | A                        | A                  |
| Symbol        | L          | Freq         | DCR               | I <sub>rms</sub>         | I <sub>sat</sub>   |
| SKSHC0402-R22 | 0.22       | 100/1        | 6.6               | 9.0                      | 12.5               |
| SKSHC0402-R33 | 0.33       | 100/1        | 12.5              | 8.0                      | 11.0               |
| SKSHC0402-R47 | 0.47       | 100/1        | 14.0              | 7.0                      | 10.0               |
| SKSHC0402-R68 | 0.68       | 100/1        | 18.0              | 5.2                      | 8.0                |
| SKSHC0402-1R0 | 1.0        | 100/1        | 27.0              | 4.5                      | 7.0                |
| SKSHC0402-1R5 | 1.5        | 100/1        | 48.0              | 4.0                      | 6.0                |
| SKSHC0402-2R2 | 2.2        | 100/1        | 58.0              | 3.0                      | 5.0                |
| SKSHC0402-3R3 | 3.3        | 100/1        | 87.0              | 2.5                      | 4.0                |
| SKSHC0402-4R7 | 4.7        | 100/1        | 120.0             | 2.2                      | 3.0                |
| SKSHC0402-6R8 | 6.8        | 100/1        | 190.0             | 1.5                      | 2.5                |
| SKSHC0402-100 | 10.0       | 100/1        | 250.0             | 1.2                      | 1.8                |



### SKSHC0503 TYPE

| Part Number   | Inductance | L Test Freq. | Max.DC Resistance | Temperature rise current | Saturation current |
|---------------|------------|--------------|-------------------|--------------------------|--------------------|
| Units         | μH         | kHz/V        | mΩ                | A                        | A                  |
| Symbol        | L          | Freq         | DCR               | I <sub>rms</sub>         | I <sub>sat</sub>   |
| SKSHC0503-R22 | 0.22       | 100/1        | 4.5               | 16.0                     | 28.0               |
| SKSHC0503-R33 | 0.33       | 100/1        | 7.0               | 14.0                     | 18.0               |
| SKSHC0503-R47 | 0.47       | 100/1        | 7.5               | 10.0                     | 12.0               |
| SKSHC0503-R68 | 0.68       | 100/1        | 12.0              | 8.0                      | 12.0               |
| SKSHC0503-1R0 | 1.0        | 100/1        | 15.0              | 7.0                      | 9.0                |
| SKSHC0503-1R2 | 1.2        | 100/1        | 15.0              | 6.5                      | 8.8                |
| SKSHC0503-1R5 | 1.5        | 100/1        | 25.0              | 6.0                      | 8.5                |
| SKSHC0503-2R2 | 2.2        | 100/1        | 29.0              | 5.5                      | 8.0                |
| SKSHC0503-3R3 | 3.3        | 100/1        | 38.0              | 4.5                      | 6.0                |
| SKSHC0503-4R7 | 4.7        | 100/1        | 60.0              | 4.0                      | 5.0                |
| SKSHC0503-6R8 | 6.8        | 100/1        | 86.0              | 3.5                      | 4.5                |
| SKSHC0503-8R2 | 8.2        | 100/1        | 105.0             | 3.3                      | 4.0                |
| SKSHC0503-100 | 10.0       | 100/1        | 126.0             | 2.5                      | 3.5                |
| SKSHC0503-150 | 15.0       | 100/1        | 190.0             | 1.8                      | 2.2                |
| SKSHC0503-220 | 22.0       | 100/1        | 260.0             | 1.3                      | 1.9                |

### SKSHC0603 TYPE

| Part Number   | Inductance | L Test Freq. | Max.DC Resistance | Temperature rise current | Saturation current |
|---------------|------------|--------------|-------------------|--------------------------|--------------------|
| Units         | μH         | kHz/V        | mΩ                | A                        | A                  |
| Symbol        | L          | Freq         | DCR               | I <sub>rms</sub>         | I <sub>sat</sub>   |
| SKSHC0603-R22 | 0.22       | 100/1        | 3.0               | 23.0                     | 34.0               |
| SKSHC0603-R33 | 0.33       | 1000/1       | 3.5               | 21.0                     | 25.0               |
| SKSHC0603-R47 | 0.47       | 100/1        | 4.1               | 18.0                     | 20.0               |
| SKSHC0603-R68 | 0.68       | 100/1        | 5.9               | 16.0                     | 17.0               |
| SKSHC0603-R82 | 0.82       | 100/1        | 7.0               | 14.0                     | 16.0               |
| SKSHC0603-1R0 | 1.0        | 100/1        | 10.0              | 11.0                     | 15.0               |
| SKSHC0603-1R2 | 1.2        | 100/1        | 10.5              | 10.0                     | 14.0               |
| SKSHC0603-1R5 | 1.5        | 100/1        | 12.5              | 9.0                      | 12.5               |



| Part Number   | Inductance | L Test Freq. | Max.DC Resistance | Temperature rise current | Saturation current |
|---------------|------------|--------------|-------------------|--------------------------|--------------------|
| Units         | μH         | kHz/V        | mΩ                | A                        | A                  |
| Symbol        | L          | Freq         | DCR               | I <sub>rms</sub>         | I <sub>sat</sub>   |
| SKSHC0603-1R8 | 1.8        | 100/1        | 16.0              | 9.0                      | 11.0               |
| SKSHC0603-2R2 | 2.2        | 100/1        | 17.5              | 8.5                      | 10.0               |
| SKSHC0603-3R3 | 3.3        | 100/1        | 36.0              | 6.0                      | 9.5                |
| SKSHC0603-4R7 | 4.7        | 100/1        | 40.0              | 5.0                      | 8.0                |
| SKSHC0603-5R6 | 5.6        | 100/1        | 55.0              | 4.8                      | 7.5                |
| SKSHC0603-6R8 | 6.8        | 100/1        | 60.0              | 4.5                      | 6.5                |
| SKSHC0603-8R2 | 8.2        | 100/1        | 70.0              | 4.0                      | 6.0                |
| SKSHC0603-100 | 10.0       | 100/1        | 105.0             | 3.0                      | 5.5                |
| SKSHC0603-150 | 15.0       | 100/1        | 130.0             | 2.6                      | 3.8                |
| SKSHC0603-220 | 22.0       | 100/1        | 167.0             | 2.3                      | 3.1                |
| SKSHC0603-330 | 33.0       | 100/1        | 270.0             | 2.0                      | 2.5                |
| SKSHC0603-470 | 47.0       | 100/1        | 350.0             | 1.7                      | 2.0                |

### SKSHC0603L TYPE

| Part Number     | Inductance | L Test Freq. | Max.DC Resistance | Temperature rise current | Saturation current |
|-----------------|------------|--------------|-------------------|--------------------------|--------------------|
| Units           | μH         | kHz/V        | mΩ                | A                        | A                  |
| Symbol          | L          | Freq         | DCR               | I <sub>rms</sub>         | I <sub>sat</sub>   |
| SKSHC0603L-1R5M | 1.5        | 100/1        | 12.1              | 9.5                      | 12.0               |
| SKSHC0603L-2R2M | 2.2        | 100/1        | 15.0              | 9.0                      | 10.0               |
| SKSHC0603L-3R3M | 3.3        | 100/1        | 22.0              | 6.5                      | 9.5                |
| SKSHC0603L-4R7M | 4.7        | 100/1        | 33.0              | 5.5                      | 8.0                |
| SKSHC0603L-5R6M | 5.6        | 100/1        | 42.0              | 5.0                      | 6.5                |
| SKSHC0603L-6R8M | 6.8        | 100/1        | 48.0              | 4.5                      | 6.0                |
| SKSHC0603L-8R2M | 8.2        | 100/1        | 60.0              | 4.0                      | 6.0                |
| SKSHC0603L-100M | 10.0       | 100/1        | 68.0              | 3.5                      | 5.5                |
| SKSHC0603L-150M | 15.0       | 100/1        | 113.0             | 2.5                      | 4.0                |



### SKSHC0605 TYPE

| Part Number   | Inductance | L Test Freq. | Max.DC Resistance | Temperature rise current | Saturation current |
|---------------|------------|--------------|-------------------|--------------------------|--------------------|
| Units         | μH         | kHz/V        | mΩ                | A                        | A                  |
| Symbol        | L          | Freq         | DCR               | Irms                     | Isat               |
| SKSHC0605-1R0 | 1.0        | 100/1        | 6.5               | 12.0                     | 13.0               |
| SKSHC0605-1R5 | 1.5        | 100/1        | 8.5               | 10.0                     | 12.0               |
| SKSHC0605-2R2 | 2.2        | 100/1        | 13.5              | 7.0                      | 10.0               |
| SKSHC0605-3R3 | 3.3        | 100/1        | 22.0              | 6.5                      | 9.0                |
| SKSHC0605-4R7 | 4.7        | 100/1        | 30.0              | 5.7                      | 8.0                |
| SKSHC0605-6R8 | 6.8        | 100/1        | 44.0              | 5.0                      | 7.0                |
| SKSHC0605-100 | 10.0       | 100/1        | 55.0              | 4.5                      | 6.0                |
| SKSHC0605-150 | 15.0       | 100/1        | 85.0              | 3.5                      | 4.0                |
| SKSHC0605-220 | 22.0       | 100/1        | 130.0             | 2.8                      | 3.5                |
| SKSHC0605-330 | 33.0       | 100/1        | 180.0             | 2.4                      | 3.0                |
| SKSHC0605-470 | 47.0       | 100/1        | 290.0             | 2.0                      | 2.5                |
| SKSHC0605-680 | 68.0       | 100/1        | 468.0             | 1.2                      | 2.0                |

### SKSHC1004 TYPE

| Part Number   | Inductance | L Test Freq. | Max.DC Resistance | Temperature rise current | Saturation current |
|---------------|------------|--------------|-------------------|--------------------------|--------------------|
| Units         | μH         | kHz/V        | mΩ                | A                        | A                  |
| Symbol        | L          | Freq         | DCR               | Irms                     | Isat               |
| SKSHC1004-R36 | 0.36       | 100/1        | 1.2               | 34                       | 42                 |
| SKSHC1004-R47 | 0.47       | 100/1        | 1.68              | 28                       | 38                 |
| SKSHC1004-R56 | 0.56       | 100/1        | 1.8               | 27                       | 32                 |
| SKSHC1004-R68 | 0.68       | 100/1        | 2.4               | 23                       | 30                 |
| SKSHC1004-R82 | 0.82       | 100/1        | 3.0               | 20                       | 26                 |
| SKSHC1004-1R0 | 1.0        | 100/1        | 3.3               | 20                       | 26                 |
| SKSHC1004-1R5 | 1.5        | 100/1        | 4.2               | 16                       | 22                 |
| SKSHC1004-2R2 | 2.2        | 100/1        | 7.0               | 14                       | 16                 |
| SKSHC1004-3R3 | 3.3        | 100/1        | 11.8              | 11                       | 13                 |
| SKSHC1004-4R7 | 4.7        | 100/1        | 16.5              | 8.5                      | 12                 |
| SKSHC1004-5R6 | 5.6        | 100/1        | 18.0              | 8.2                      | 11                 |
| SKSHC1004-6R8 | 6.8        | 100/1        | 25.0              | 8                        | 10                 |



| Part Number   | Inductance    | L Test Freq. | Max.DC Resistance | Temperature rise current | Saturation current |
|---------------|---------------|--------------|-------------------|--------------------------|--------------------|
| Units         | $\mu\text{H}$ | kHz/V        | $\text{m}\Omega$  | A                        | A                  |
| Symbol        | L             | Freq         | DCR               | $I_{\text{rms}}$         | $I_{\text{sat}}$   |
| SKSHC1004-8R2 | 8.2           | 100/1        | 27.0              | 7.5                      | 9                  |
| SKSHC1004-100 | 10            | 100/1        | 30.0              | 6.5                      | 7                  |
| SKSHC1004-150 | 15            | 100/1        | 45.0              | 6.3                      | 6                  |
| SKSHC1004-220 | 22            | 100/1        | 66.0              | 5                        | 5.5                |
| SKSHC1004-330 | 33            | 100/1        | 92.0              | 4                        | 4.5                |
| SKSHC1004-470 | 47            | 100/1        | 150.0             | 3                        | 4                  |
| SKSHC1004-680 | 68            | 100/1        | 205.0             | 2.3                      | 3                  |

### SKSHC1005 TYPE

| Part Number   | Inductance    | L Test Freq. | Max.DC Resistance | Temperature rise current | Saturation current |
|---------------|---------------|--------------|-------------------|--------------------------|--------------------|
| Units         | $\mu\text{H}$ | kHz/V        | $\text{m}\Omega$  | A                        | A                  |
| Symbol        | L             | Freq         | DCR               | $I_{\text{rms}}$         | $I_{\text{sat}}$   |
| SKSHC1005-1R0 | 1.0           | 100/1        | 3.0               | 19.0                     | 28                 |
| SKSHC1005-1R5 | 1.5           | 100/1        | 4.0               | 16.0                     | 21                 |
| SKSHC1005-1R8 | 1.8           | 100/1        | 5.0               | 15.0                     | 20                 |
| SKSHC1005-2R2 | 2.2           | 100/1        | 6.6               | 13.0                     | 19                 |
| SKSHC1005-3R3 | 3.3           | 100/1        | 11.0              | 11.0                     | 18                 |
| SKSHC1005-4R7 | 4.7           | 100/1        | 15.0              | 10.0                     | 15                 |
| SKSHC1005-5R6 | 5.6           | 100/1        | 18.0              | 8.5                      | 14                 |
| SKSHC1005-6R8 | 6.8           | 100/1        | 19.2              | 8.0                      | 13                 |
| SKSHC1005-100 | 10.0          | 100/1        | 28.0              | 7.0                      | 10                 |
| SKSHC1005-150 | 15.0          | 100/1        | 42.0              | 6.5                      | 7                  |
| SKSHC1005-220 | 22.0          | 100/1        | 66.0              | 5.5                      | 6                  |
| SKSHC1005-330 | 33.0          | 100/1        | 84.0              | 4.5                      | 5                  |
| SKSHC1005-470 | 47.0          | 100/1        | 150.0             | 3.0                      | 4.5                |
| SKSHC1005-680 | 68.0          | 100/1        | 205.0             | 2.5                      | 3.5                |



## SKSHC Series

### SKSHC1204 TYPE

| Part Number   | Inductance | L Test Freq. | Max.DC Resistance | Temperature rise current | Saturation current |
|---------------|------------|--------------|-------------------|--------------------------|--------------------|
| Units         | μH         | kHz/V        | mΩ                | A                        | A                  |
| Symbol        | L          | Freq         | DCR               | I <sub>rms</sub>         | I <sub>sat</sub>   |
| SKSHC1204-R47 | 0.47       | 100/1        | 2.0               | 29.0                     | 38.4               |
| SKSHC1204-R68 | 0.68       | 100/1        | 3.5               | 24.0                     | 37.6               |
| SKSHC1204-R82 | 0.82       | 100/1        | 4.5               | 24.0                     | 32                 |
| SKSHC1204-1R0 | 1.0        | 100/1        | 7.5               | 20.0                     | 28                 |
| SKSHC1204-1R5 | 1.5        | 100/1        | 9.5               | 17.0                     | 24.4               |
| SKSHC1204-2R2 | 2.2        | 100/1        | 11.5              | 15.0                     | 20.8               |
| SKSHC1204-3R3 | 3.3        | 100/1        | 13.0              | 13.0                     | 16.8               |
| SKSHC1204-4R7 | 4.7        | 100/1        | 14.5              | 11.0                     | 14.4               |
| SKSHC1204-6R8 | 6.8        | 100/1        | 20.0              | 8.0                      | 11.2               |
| SKSHC1204-100 | 10.0       | 100/1        | 25.0              | 7.0                      | 8                  |
| SKSHC1204-150 | 15.0       | 100/1        | 39.0              | 5.8                      | 6                  |
| SKSHC1204-220 | 22.0       | 100/1        | 51.0              | 3.8                      | 4.8                |

### SKSHC1205 TYPE

| Part Number   | Inductance | L Test Freq. | Max.DC Resistance | Temperature rise current | Saturation current |
|---------------|------------|--------------|-------------------|--------------------------|--------------------|
| Units         | μH         | kHz/V        | mΩ                | A                        | A                  |
| Symbol        | L          | Freq         | DCR               | I <sub>rms</sub>         | I <sub>sat</sub>   |
| SKSHC1205-R33 | 0.33       | 100/1        | 0.9               | 46.0                     | 62                 |
| SKSHC1205-R36 | 0.36       | 100/1        | 1.1               | 41.0                     | 60                 |
| SKSHC1205-R47 | 0.47       | 100/1        | 1.3               | 37.0                     | 46                 |
| SKSHC1205-1R0 | 1.0        | 100/1        | 2.5               | 29.0                     | 37                 |
| SKSHC1205-1R5 | 1.5        | 100/1        | 4.1               | 23.0                     | 30                 |
| SKSHC1205-1R8 | 1.8        | 100/1        | 4.5               | 18.0                     | 26                 |
| SKSHC1205-2R2 | 2.2        | 100/1        | 5.0               | 15.0                     | 25                 |
| SKSHC1205-3R3 | 3.3        | 100/1        | 9.0               | 12.0                     | 20                 |
| SKSHC1205-4R7 | 4.7        | 100/1        | 11.5              | 11.0                     | 16                 |
| SKSHC1205-5R6 | 5.6        | 100/1        | 15.0              | 10.5                     | 15                 |
| SKSHC1205-6R8 | 6.8        | 100/1        | 22.0              | 9.0                      | 14                 |



| Part Number   | Inductance    | L Test Freq. | Max.DC Resistance | Temperature rise current | Saturation current |
|---------------|---------------|--------------|-------------------|--------------------------|--------------------|
| Units         | $\mu\text{H}$ | kHz/V        | m $\Omega$        | A                        | A                  |
| Symbol        | L             | Freq         | DCR               | I <sub>rms</sub>         | I <sub>sat</sub>   |
| SKSHC1205-8R2 | 8.2           | 100/1        | 24.0              | 8.5                      | 13                 |
| SKSHC1205-100 | 10.0          | 100/1        | 29.0              | 7.5                      | 11.0               |
| SKSHC1205-150 | 15.0          | 100/1        | 32.0              | 6.0                      | 9.0                |
| SKSHC1205-220 | 22.0          | 100/1        | 50.0              | 5.0                      | 7.0                |
| SKSHC1205-330 | 33.0          | 100/1        | 84.0              | 3.5                      | 6.0                |
| SKSHC1205-470 | 47.0          | 100/1        | 130.0             | 3.0                      | 5.0                |

### SKSHC1265 TYPE

| Part Number   | Inductance    | L Test Freq. | Max.DC Resistance | Temperature rise current | Saturation current |
|---------------|---------------|--------------|-------------------|--------------------------|--------------------|
| Units         | $\mu\text{H}$ | kHz/V        | m $\Omega$        | A                        | A                  |
| Symbol        | L             | Freq         | DCR               | I <sub>rms</sub>         | I <sub>sat</sub>   |
| SKSHC1265-4R7 | 4.7           | 100/1        | 8.5               | 16                       | 24                 |
| SKSHC1265-5R6 | 5.6           | 100/1        | 10.5              | 14                       | 22.5               |
| SKSHC1265-6R8 | 6.8           | 100/1        | 12.0              | 13                       | 19                 |
| SKSHC1265-8R2 | 8.2           | 100/1        | 14.0              | 12                       | 16                 |
| SKSHC1265-100 | 10.0          | 100/1        | 16.5              | 11                       | 15                 |
| SKSHC1265-150 | 15.0          | 100/1        | 26.0              | 9.5                      | 11                 |
| SKSHC1265-220 | 22.0          | 100/1        | 36.0              | 8                        | 9                  |
| SKSHC1265-330 | 33.0          | 100/1        | 65.0              | 6.5                      | 8                  |
| SKSHC1265-470 | 47.0          | 100/1        | 70.0              | 5.5                      | 6.8                |



## SKSHC1770 TYPE

| Part Number   | Inductance    | L Test Freq. | Max.DC Resistance | Temperature rise current | Saturation current |
|---------------|---------------|--------------|-------------------|--------------------------|--------------------|
| Units         | $\mu\text{H}$ | kHz/V        | $\text{m}\Omega$  | A                        | A                  |
| Symbol        | L             | Freq         | DCR               | $I_{\text{rms}}$         | $I_{\text{sat}}$   |
| SKSHC1770-1R0 | 1.0           | 100/1        | 1.9               | 32                       | 55.5               |
| SKSHC1770-1R5 | 1.5           | 100/1        | 2.8               | 23                       | 40.0               |
| SKSHC1770-2R2 | 2.2           | 100/1        | 3.0               | 18                       | 40.0               |
| SKSHC1770-3R3 | 3.3           | 100/1        | 3.2               | 15                       | 35.0               |
| SKSHC1770-4R7 | 4.7           | 100/1        | 5.8               | 13                       | 30.0               |
| SKSHC1770-6R8 | 6.8           | 100/1        | 8.0               | 10.5                     | 22.5               |
| SKSHC1770-8R2 | 8.2           | 100/1        | 13.0              | 9.5                      | 20.0               |
| SKSHC1770-100 | 10            | 100/1        | 13.0              | 9.5                      | 19.0               |
| SKSHC1770-150 | 15            | 100/1        | 22.0              | 9                        | 14.0               |
| SKSHC1770-220 | 22            | 100/1        | 26.0              | 8.5                      | 12.0               |
| SKSHC1770-330 | 33            | 100/1        | 38.5              | 8                        | 10.7               |
| SKSHC1770-470 | 47            | 100/1        | 53.0              | 6                        | 8.7                |
| SKSHC1770-560 | 56            | 100/1        | 60.5              | 5.2                      | 7.2                |
| SKSHC1770-680 | 68            | 100/1        | 79.0              | 4.5                      | 6.1                |
| SKSHC1770-101 | 100.0         | 100/1        | 123.0             | 4                        | 5.0                |
| SKSHC1770-680 | 68            | 100/1        | 79.0              | 4.5                      | 6.1                |
| SKSHC1770-101 | 100.0         | 100/1        | 123.0             | 4                        | 5.0                |

## TYPICAL ELECTRICAL CHARACTERISTICS

### SKSHC0402 TYPE

Inductance VS Current



Temperature VS Current



## SKSHC0503 TYPE

Inductance VS Current



## SKSHC0603 TYPE

Inductance VS Current



Temperature vs Current

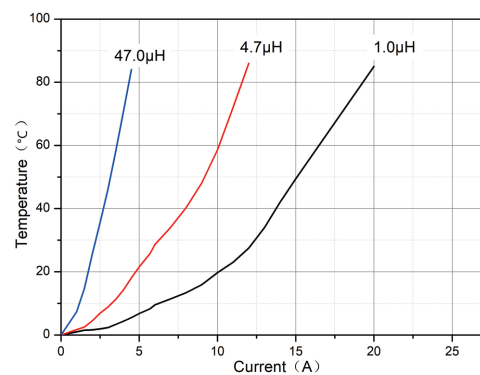


## SKSHC0605 TYPE

Inductance vs Current

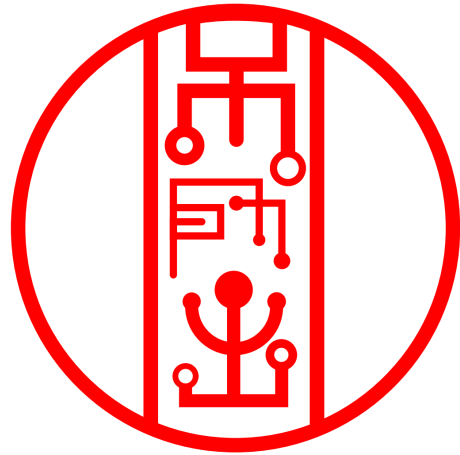
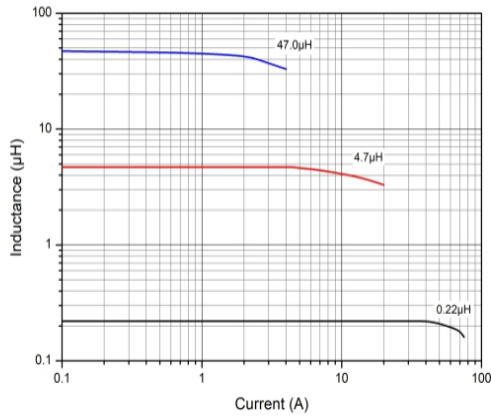


Temperature vs Current



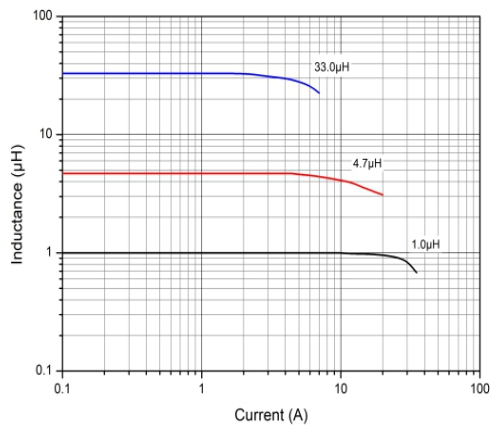
## SKSHC1004 TYPE

Inductance VS Current

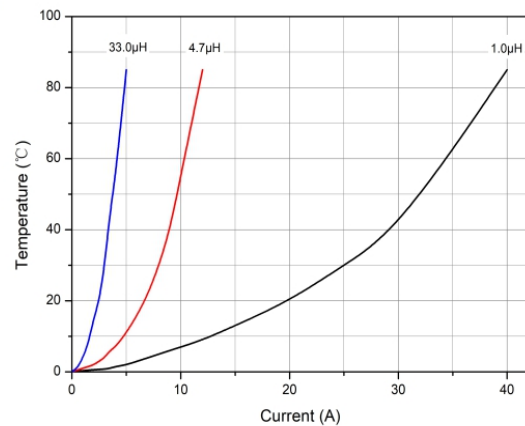


## SKSHC1005 TYPE

Inductance VS Current

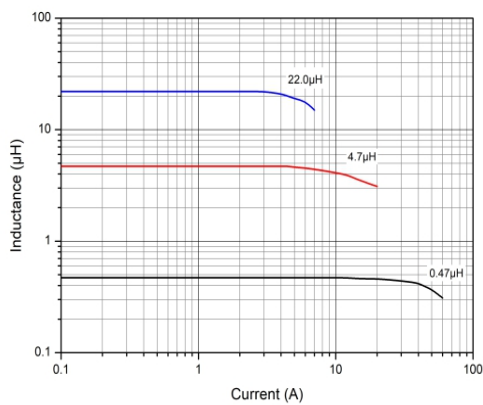


Temperature VS Current

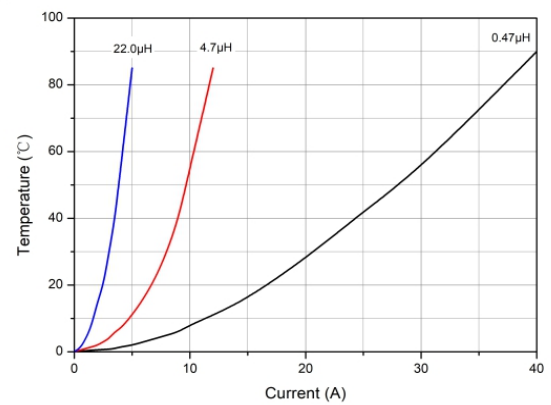


## SKSHC1204 TYPE

Inductance VS Current



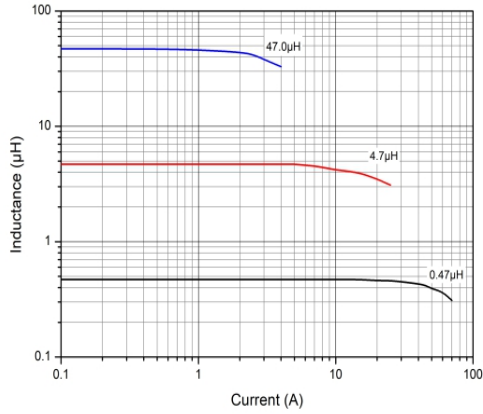
Temperature VS Current



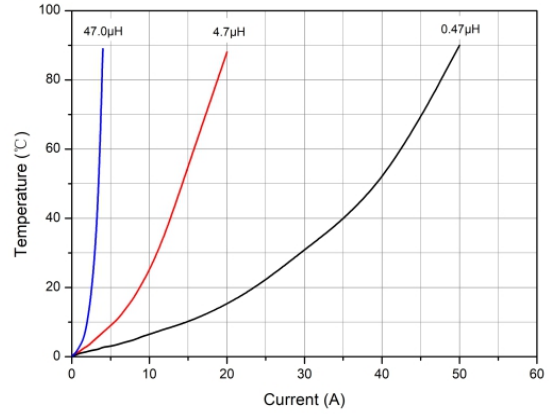


## SKSHC1205 TYPE

Inductance VS Current

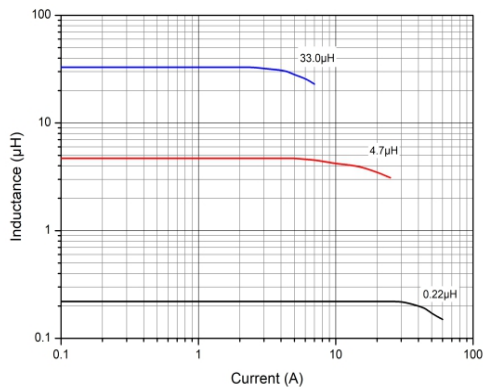


Temperature VS Current

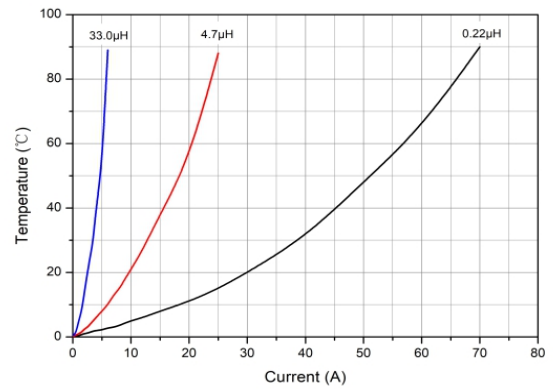


## SKSHC1265 TYPE

Inductance VS Current

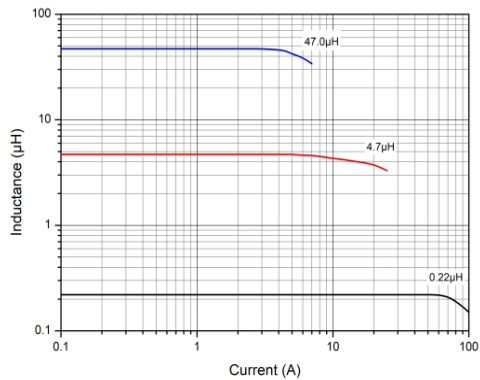


Temperature VS Current



## SKSHC1770 TYPE

Inductance VS Current



Inductance VS Current

