

## Power Inductor AWVF Series

**Automotive**  
**AEC-Q200**

RoHS Compliant  
 Halogen Free  
 REACH Compliant


**Power  
Circuit**
**Shield**
**Magnetic  
Resin LVx**
**Ferrite**
**High  
Current**

### Part Numbering

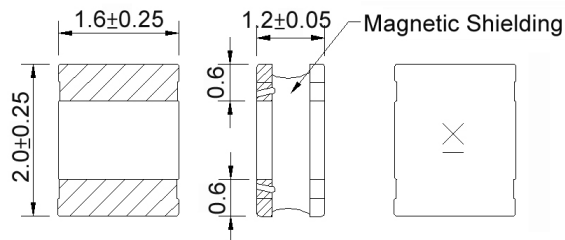
| A     | WVF         | 00           | 404018               | 1R0             | M         | 00            |
|-------|-------------|--------------|----------------------|-----------------|-----------|---------------|
| Grade | Series Name | Control Code | Dimensions Code (mm) | Inductance (uH) | Tolerance | Internal Code |
|       |             |              | 201612 2.0x1.6x1.2   | R47 0.47        | M ±20%    |               |
|       |             |              | 252010 2.5x2.0x1.02  | 1R0 1.0         | T ±30%    |               |
|       |             |              | 252012 2.5x2.0x1.2   | 101 100         |           |               |
|       |             |              | 303010 3.0x3.0x1.02  |                 |           |               |
|       |             |              | 303012 3.0x3.0x1.2   |                 |           |               |
|       |             |              | 303015 3.0x3.0x1.5   |                 |           |               |
|       |             |              | 404012 4.0x4.0x1.02  |                 |           |               |
|       |             |              | 404015 4.0x4.0x1.5   |                 |           |               |
|       |             |              | 404018 4.0x4.0x1.9   |                 |           |               |
|       |             |              | 404026 4.0x4.0x2.6   |                 |           |               |
|       |             |              | 505020 5.0x5.0x2.0   |                 |           |               |
|       |             |              | 606020 6.0x6.0x2.0   |                 |           |               |
|       |             |              | 606028 6.0x6.0x2.8   |                 |           |               |
|       |             |              | 808040 8.0x8.0x4.0   |                 |           |               |

## Power Inductor AWVF Series

**Automotive  
AEC-Q200**

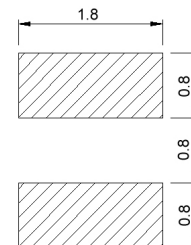
### AWVF00201612 Type

#### ■ Dimensions



unit:mm

#### ■ Recommended Land Pattern



unit:mm

#### ■ Electrical Characteristics

| Part No.           | Inductance<br>(uH) | Test Freq. | RDC<br>(Ω)±30% | Isat(A)<br>Typ.(Max) | Irms(A)<br>Typ.(Max) | Tolerance<br>(±%) | Marking |
|--------------------|--------------------|------------|----------------|----------------------|----------------------|-------------------|---------|
| AWVF00201612R47□00 | 0.47               | 1MHz,200mV | 0.051          | 2.70(2.40)           | 2.30(2.00)           | 20,30             | A       |
| AWVF00201612R68□00 | 0.68               | 1MHz,200mV | 0.074          | 2.20(1.90)           | 2.00(1.80)           | 20,30             | L       |
| AWVF002016121R5□00 | 1.5                | 1MHz,200mV | 0.130          | 1.60(1.40)           | 1.40(1.30)           | 20,30             | D       |
| AWVF002016126R8□00 | 6.8                | 1MHz,200mV | 0.465          | 0.82(0.73)           | 0.78(0.70)           | 20,30             | H       |

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% / T=±30%**

1. Operating temperature range - 40°C ~ 125°C(Including self - temperature rise)

2. Isat for Inductance drop 30% from its value without current

3. Irms for a 40°C temperature rise from 25°C ambient with current

4. Measure Equipment:

L: HP4285A+HP42841A

RDC: DIGITAL MILLINHM METER CHROMA 16502, or equivalent

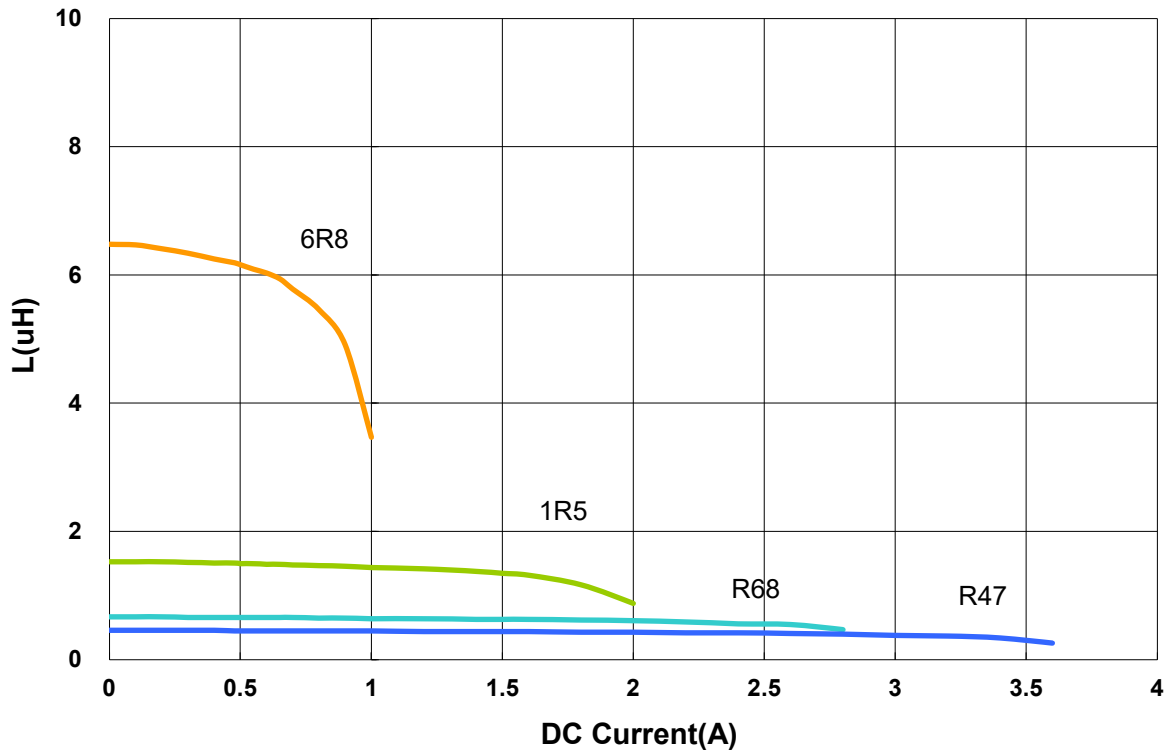
Isat: Agilent HP4284A

Irms: Agilent HP4284A

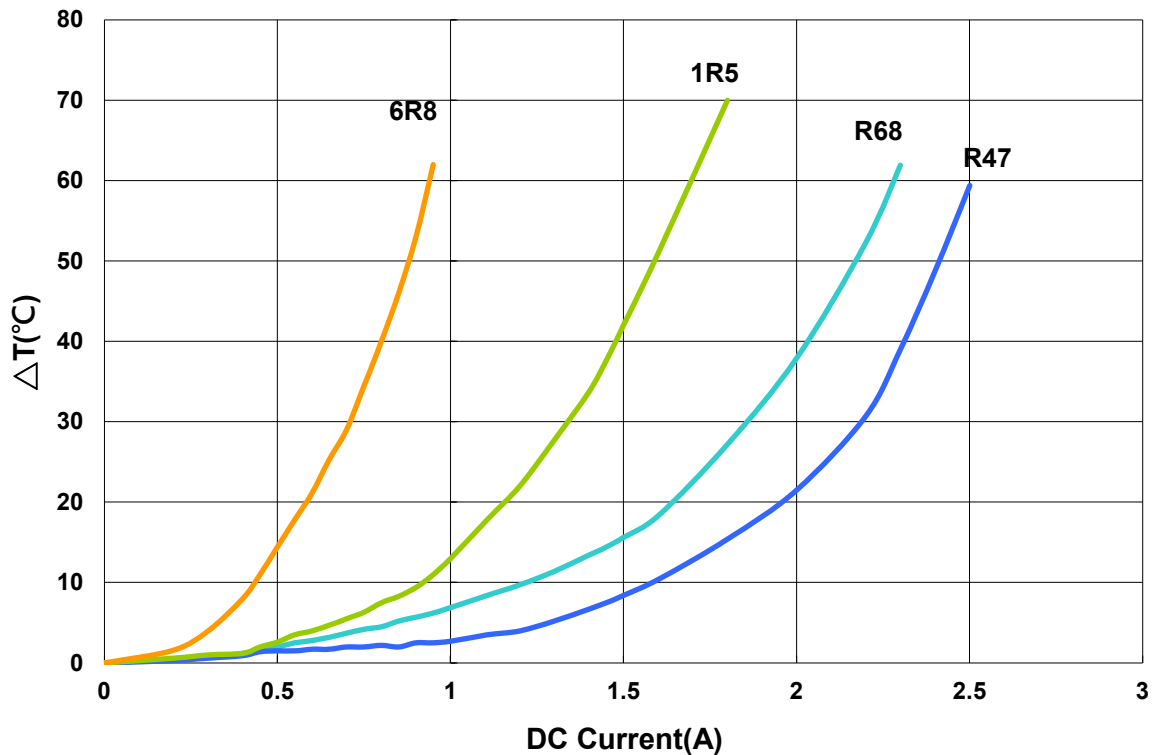
**AWVF00201612 Type**

**■ Characteristics Graph**

**Inductance vs. DC Current**



**Temperature Change vs. DC Current**



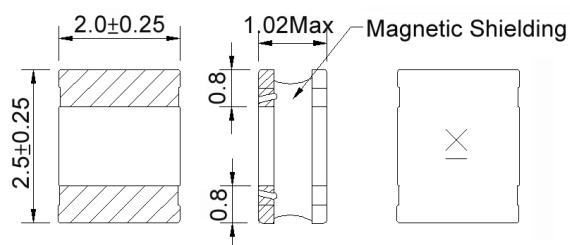
Please be sure to request approval specifications that provide further details of the products. Kindly note that the content of these specifications are subject to change or may be discontinued without prior notice. This product may not be designed/used in medical or high risk applications without Chilisin approval. Please contact our sales department before ordering.

# Power Inductor AWVF Series

**Automotive**  
**AEC-Q200**

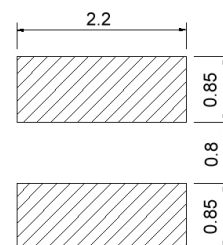
## AWVF00252010 Type

### ■ Dimensions



unit:mm

### ■ Recommended Land Pattern



unit:mm

### ■ Electrical Characteristics

| Part No.           | Inductance<br>(uH) | Test Freq. | RDC<br>(Ω)±30% | Isat(A)<br>Typ.(Max) | Irms(A)<br>Typ.(Max) | Tolerance<br>(±%) | Marking |
|--------------------|--------------------|------------|----------------|----------------------|----------------------|-------------------|---------|
| AWVF00252010R47□00 | 0.47               | 1MHz,200mV | 0.045          | 2.80(2.50)           | 2.30(2.00)           | 20,30             | A       |
| AWVF00252010R82□00 | 0.82               | 1MHz,200mV | 0.055          | 2.10(1.89)           | 2.20(1.98)           | 20,30             | L       |
| AWVF002520101R0□00 | 1.0                | 1MHz,200mV | 0.066          | 1.90(1.70)           | 2.00(1.80)           | 20,30             | B       |
| AWVF002520101R5□00 | 1.5                | 1MHz,200mV | 0.095          | 1.70(1.50)           | 1.80(1.60)           | 20,30             | C       |
| AWVF002520104R7□00 | 4.7                | 1MHz,200mV | 0.285          | 0.92(0.82)           | 0.95(0.85)           | 20,30             | F       |
| AWVF00252010100□00 | 10                 | 1MHz,200mV | 0.535          | 0.60(0.54)           | 0.70(0.63)           | 20,30             | H       |
| AWVF00252010150□00 | 15                 | 1MHz,200mV | 0.810          | 0.50(0.45)           | 0.55(0.49)           | 20,30             | I       |
| AWVF00252010220□00 | 22                 | 1MHz,200mV | 1.200          | 0.40(0.36)           | 0.44(0.39)           | 20,30             | J       |

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% / T=±30%**

1. Operating temperature range - 40°C ~ 125°C(Including self - temperature rise)

2. Isat for Inductance drop 30% from its value without current

3. Irms for a 40°C temperature rise from 25°C ambient with current

4. Measure Equipment:

L: HP4285A+HP42841A

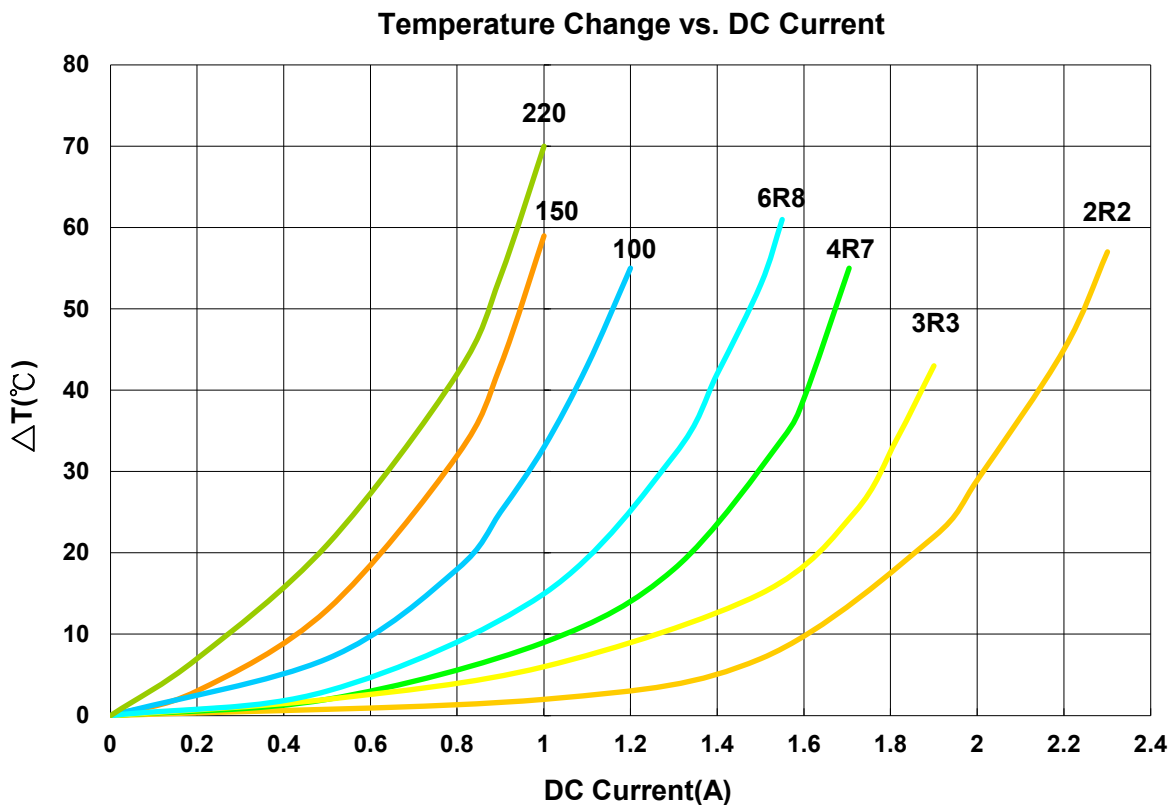
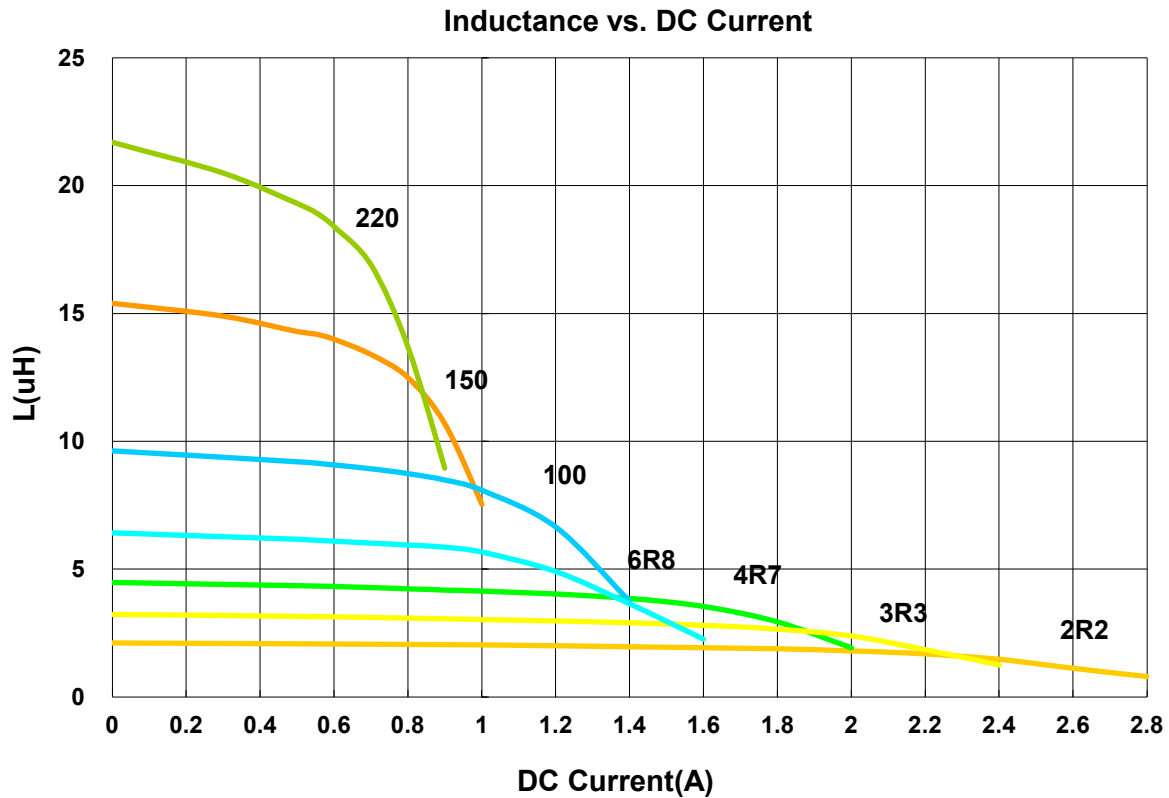
RDC: DIGITAL MILLINHM METER CHROMA 16502, or equivalent

Isat: Agilent HP4284A

Irms: Agilent HP4284A

**AWVF00252010 Type**

**Characteristics Graph**



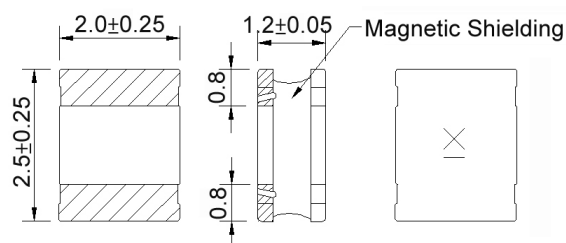
Please be sure to request approval specifications that provide further details of the products. Kindly note that the content of these specifications are subject to change or may be discontinued without prior notice. This product may not be designed/used in medical or high risk applications without Chilisin approval. Please contact our sales department before ordering.

# Power Inductor AWVF Series

**Automotive**  
**AEC-Q200**

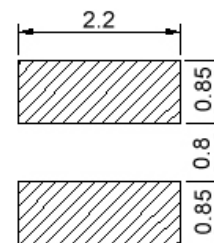
## AWVF00252012 Type

### ■ Dimensions



unit:mm

### ■ Recommended Land Pattern



unit:mm

### ■ Electrical Characteristics

| Part No.           | Inductance<br>(uH) | Test Freq. | RDC<br>(Ω)±30% | Isat(A)<br>Typ.(Max) | Irms(A)<br>Typ.(Max) | Tolerance<br>(±%) | Marking |
|--------------------|--------------------|------------|----------------|----------------------|----------------------|-------------------|---------|
| AWVF00252012R50□00 | 0.5                | 1MHz,200mV | 0.028          | 3.50(3.10)           | 3.00(2.70)           | 20,30             | B       |
| AWVF002520121R0□00 | 1.0                | 1MHz,200mV | 0.050          | 2.50(2.20)           | 2.40(2.10)           | 20,30             | C       |
| AWVF002520121R2□00 | 1.2                | 1MHz,200mV | 0.053          | 2.10(1.80)           | 2.35(2.10)           | 20,30             | D       |
| AWVF002520121R5□00 | 1.5                | 1MHz,200mV | 0.068          | 1.95(1.70)           | 2.30(2.00)           | 20,30             | E       |
| AWVF002520122R2□00 | 2.2                | 1MHz,200mV | 0.080          | 1.80(1.60)           | 1.80(1.60)           | 20,30             | F       |
| AWVF002520123R3□00 | 3.3                | 1MHz,200mV | 0.130          | 1.45(1.20)           | 1.50(1.30)           | 20,30             | G       |
| AWVF002520124R7□00 | 4.7                | 1MHz,200mV | 0.190          | 1.10(0.98)           | 1.10(0.98)           | 20,30             | H       |
| AWVF002520125R6□00 | 5.6                | 1MHz,200mV | 0.210          | 1.05(0.93)           | 1.00(0.89)           | 20,30             | I       |
| AWVF002520126R8□00 | 6.8                | 1MHz,200mV | 0.300          | 0.95(0.84)           | 0.80(0.71)           | 20,30             | J       |
| AWVF00252012100□00 | 10                 | 1MHz,200mV | 0.385          | 0.88(0.78)           | 0.70(0.62)           | 20,30             | K       |
| AWVF00252012150□00 | 15                 | 1MHz,200mV | 0.570          | 0.68(0.60)           | 0.62(0.54)           | 20,30             | L       |
| AWVF00252012220□00 | 22                 | 1MHz,200mV | 0.810          | 0.55(0.48)           | 0.53(0.46)           | 20,30             | M       |

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% / T=±30%**

1. Operating temperature range - 40°C ~ 125°C(Including self - temperature rise)

2. Isat for Inductance drop 30% from its value without current

3. Irms for a 40°C temprature rise from 25°C ambient.

4. Measure Equipment:

L: HP4285A+HP42841A

RDC: Digital Milliohm Meter Chroma 16502, or equivalent

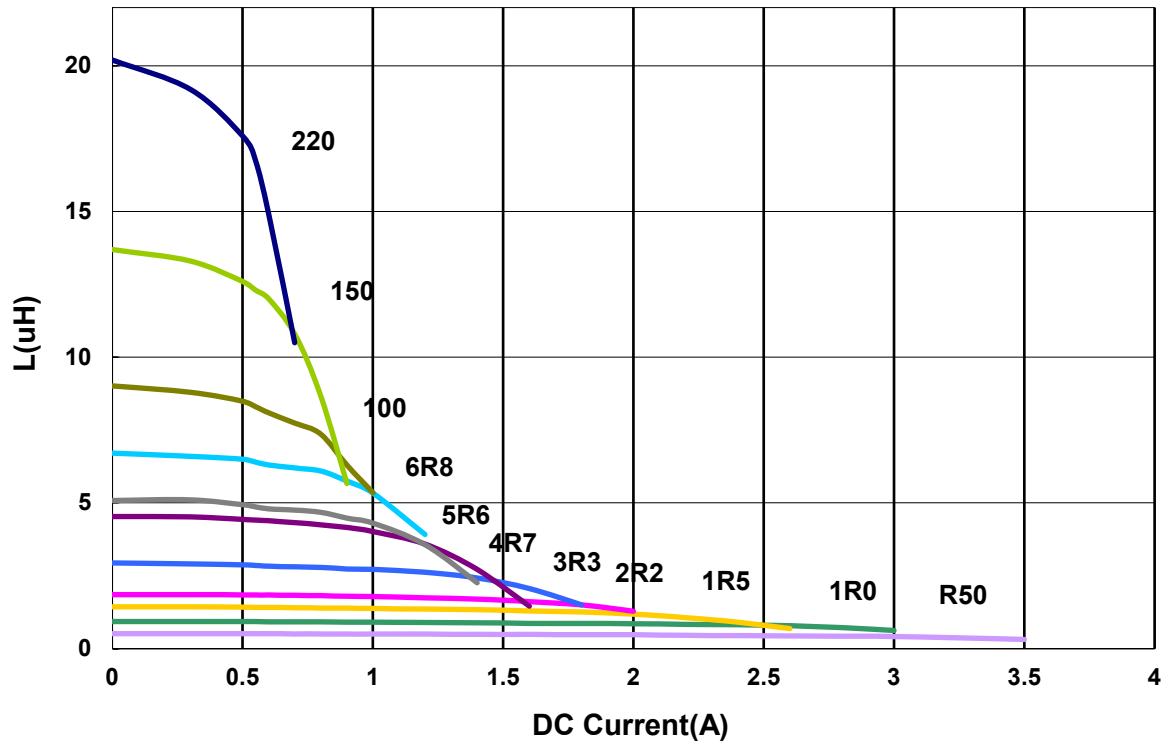
Isat: Agilent/HP4284A

Irms: Agilent/HP4284A

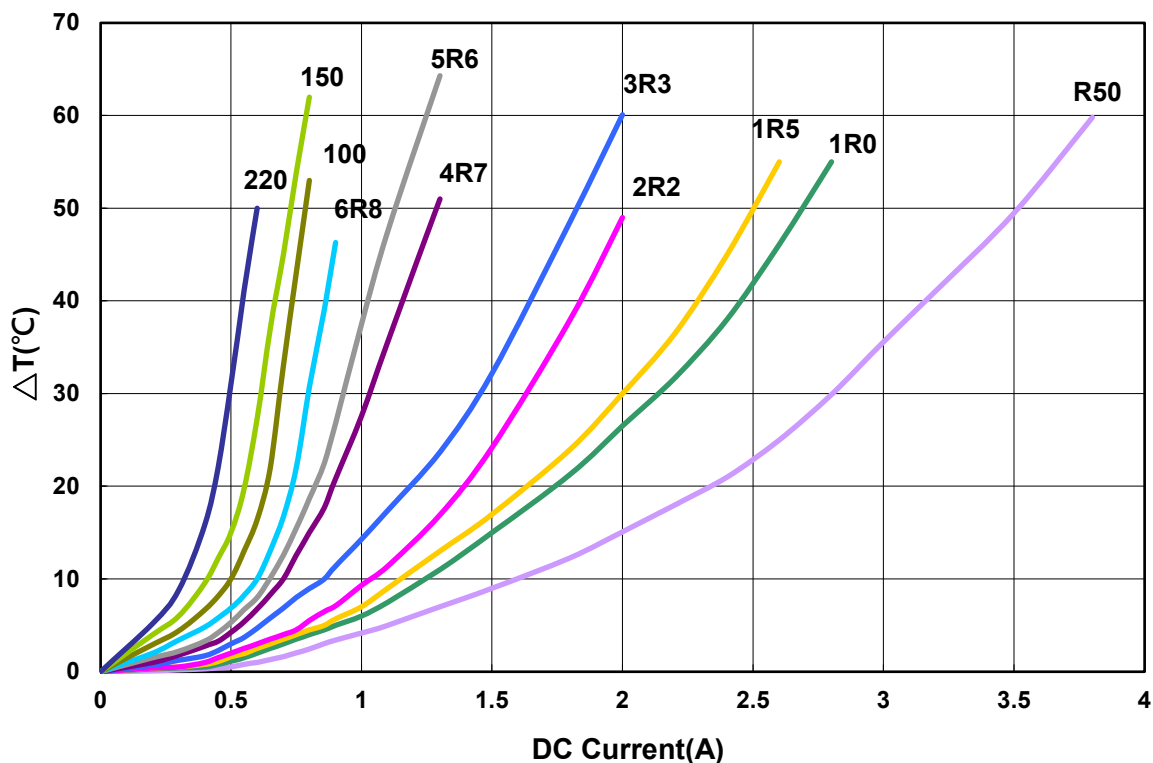
**AWVF00252012 Type**

**■ Characteristics Graph**

**Inductance vs. DC Current**



**Temperature Change vs. DC Current**



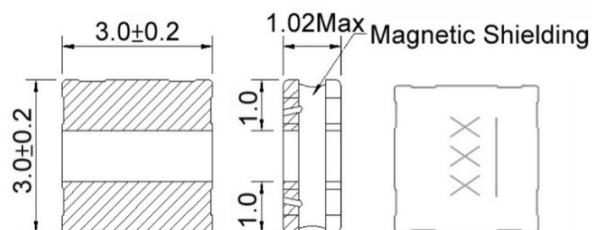
Please be sure to request approval specifications that provide further details of the products. Kindly note that the content of these specifications are subject to change or may be discontinued without prior notice. This product may not be designed/used in medical or high risk applications without Chilisin approval. Please contact our sales department before ordering.

# Power Inductor AWVF Series

**Automotive**  
**AEC-Q200**

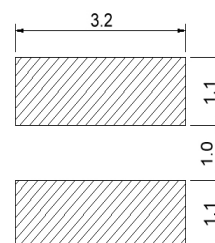
## AWVF00303010 Type

### ■ Dimensions



unit:mm

### ■ Recommended Land Pattern



unit:mm

### ■ Electrical Characteristics

| Part No.           | Inductance<br>(uH) | Test Freq. | RDC<br>(Ω)±30% | Isat(A)<br>Typ.(Max) | Irms(A)<br>Typ.(Max) | Tolerance<br>(±%) | Marking |
|--------------------|--------------------|------------|----------------|----------------------|----------------------|-------------------|---------|
| AWVF003030101R5□00 | 1.5                | 1MHz,200mV | 0.085          | 1.80(1.60)           | 1.70(1.50)           | 20,30             | 1R5     |
| AWVF003030102R2□00 | 2.2                | 1MHz,200mV | 0.100          | 1.50(1.30)           | 1.40(1.20)           | 20,30             | 2R2     |
| AWVF003030104R7□00 | 4.7                | 1MHz,200mV | 0.205          | 1.00(0.90)           | 0.95(0.85)           | 20,30             | 4R7     |
| AWVF003030106R8□00 | 6.8                | 1MHz,200mV | 0.310          | 0.87(0.78)           | 0.85(0.76)           | 20,30             | 6R8     |
| AWVF00303010100□00 | 10                 | 1MHz,200mV | 0.430          | 0.64(0.57)           | 0.63(0.56)           | 20,30             | 100     |
| AWVF00303010150□00 | 15                 | 1MHz,200mV | 0.625          | 0.56(0.50)           | 0.55(0.49)           | 20,30             | 150     |
| AWVF00303010220□00 | 22                 | 1MHz,200mV | 0.870          | 0.47(0.42)           | 0.46(0.41)           | 20,30             | 220     |
| AWVF00303010330□00 | 33                 | 1MHz,200mV | 1.300          | 0.42(0.37)           | 0.34(0.30)           | 20,30             | 330     |
| AWVF00303010470□00 | 47                 | 1MHz,200mV | 1.750          | 0.29(0.26)           | 0.28(0.25)           | 20,30             | 470     |

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% / T=±30%**

1. Operating temperature range - 40°C ~ 125°C(Including self - temperature rise)

2. Isat for Inductance drop 30% from its value without current

3. Irms for a 40°C temperature rise from 25°C ambient with current

4. Measure Equipment:

L: HP4285A+HP42841A

RDC: DIGITAL MILLINHM METER CHROMA 16502, or equivalent

Isat: Agilent HP4284A

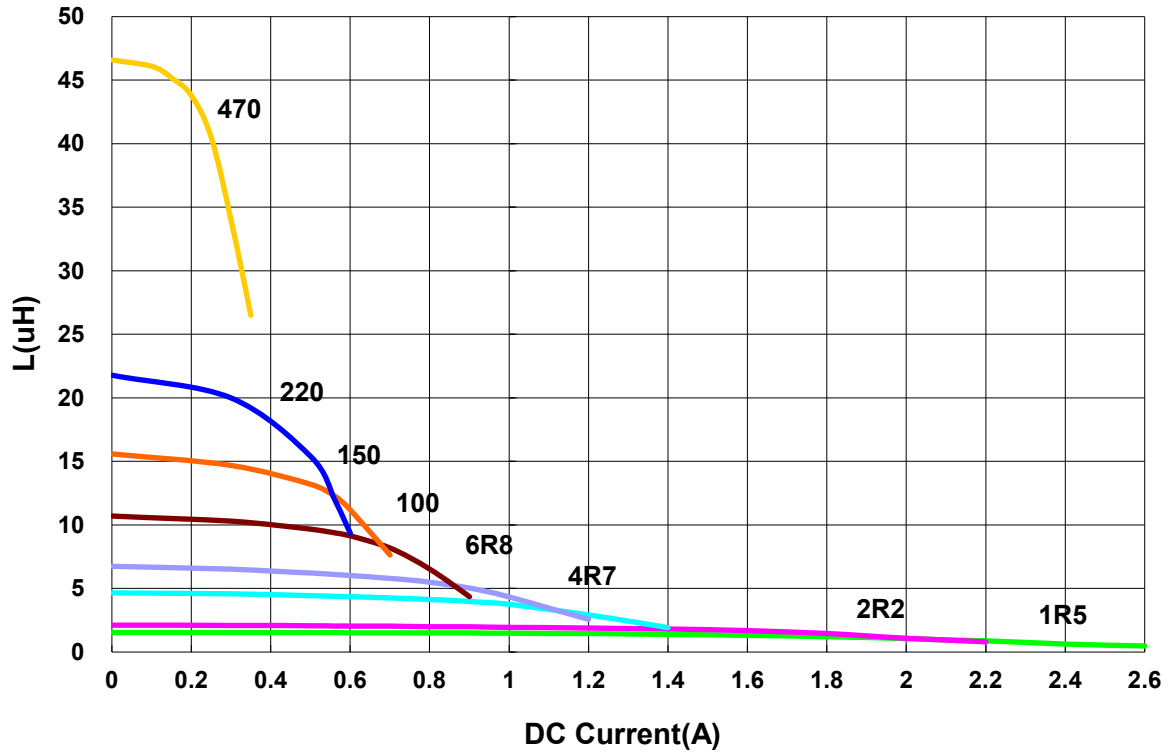
Irms: Agilent HP4284A



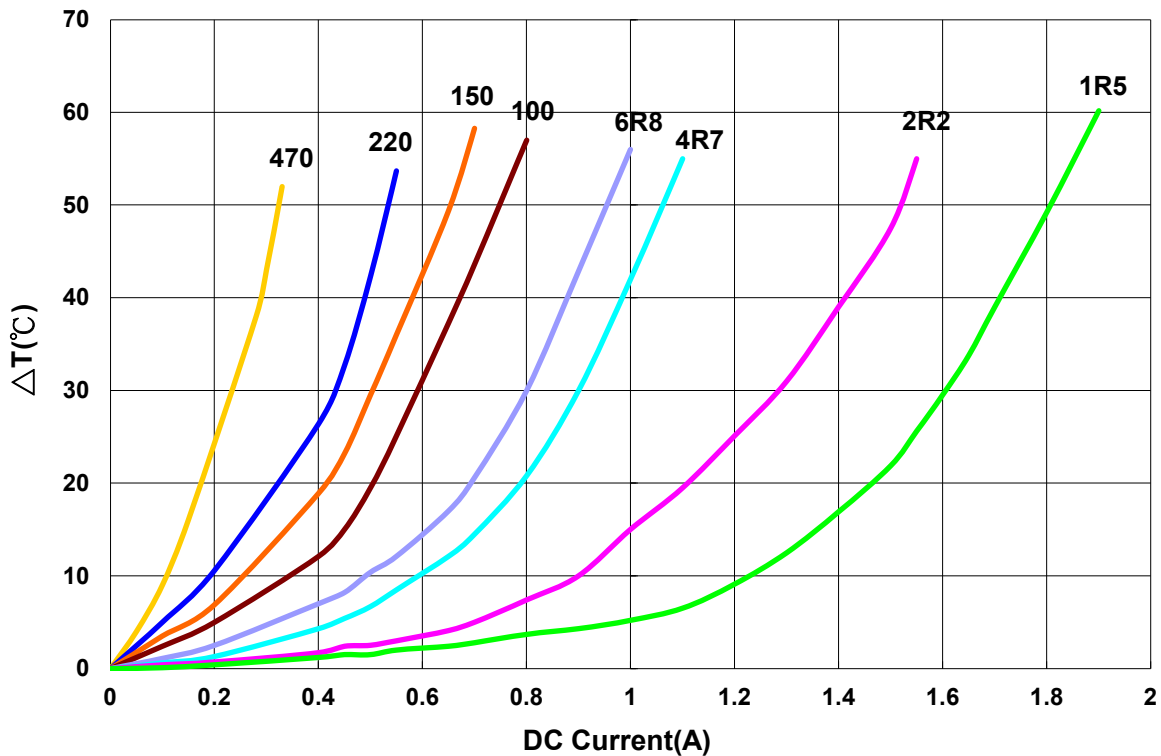
**AWVF00303010 Type**

**Characteristics Graph**

**Inductance vs. DC Current**



**Temperature Change vs. DC Current**



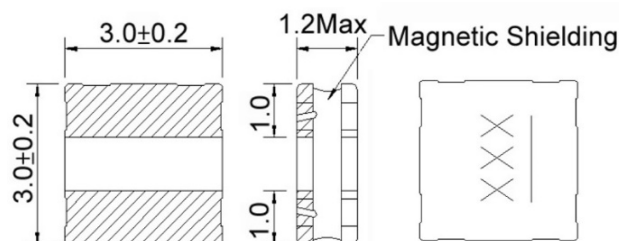
Please be sure to request approval specifications that provide further details of the products. Kindly note that the content of these specifications are subject to change or may be discontinued without prior notice. This product may not be designed/used in medical or high risk applications without Chilisin approval. Please contact our sales department before ordering.

# Power Inductor AWWF Series

**Automotive**  
**AEC-Q200**

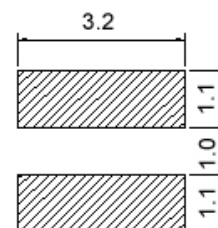
## AWVF00303012 Type

### ■ Dimensions



unit:mm

### ■ Recommended Land Pattern



unit:mm

### ■ Electrical Characteristics

| Part No.           | Inductance<br>(uH) | Test Freq. | RDC<br>(Ω)±30% | Isat(A)<br>Typ.(Max) | Irms(A)<br>Typ.(Max) | Tolerance<br>(±%) | Marking |
|--------------------|--------------------|------------|----------------|----------------------|----------------------|-------------------|---------|
| AWVF003030122R2□00 | 2.2                | 1MHz,200mV | 0.092          | 2.10(1.80)           | 2.00(1.80)           | 20,30             | 2R2     |
| AWVF003030123R3□00 | 3.3                | 1MHz,200mV | 0.130          | 1.84(1.60)           | 1.80(1.60)           | 20,30             | 3R3     |
| AWVF003030124R7□00 | 4.7                | 1MHz,200mV | 0.180          | 1.56(1.40)           | 1.52(1.30)           | 20,30             | 4R7     |
| AWVF003030126R8□00 | 6.8                | 1MHz,200mV | 0.250          | 1.32(1.10)           | 1.30(1.10)           | 20,30             | 6R8     |
| AWVF003030128R2□00 | 8.2                | 1MHz,200mV | 0.350          | 1.10(0.99)           | 1.05(0.94)           | 20,30             | 8R2     |
| AWVF00303012100□00 | 10                 | 1MHz,200mV | 0.420          | 1.06(0.95)           | 1.00(0.90)           | 20,30             | 100     |
| AWVF00303012150□00 | 15                 | 1MHz,200mV | 0.560          | 0.82(0.73)           | 0.80(0.72)           | 20,30             | 150     |
| AWVF00303012220□00 | 22                 | 1MHz,200mV | 0.860          | 0.64(0.57)           | 0.62(0.55)           | 20,30             | 220     |
| AWVF00303012330□00 | 33                 | 1MHz,200mV | 1.250          | 0.55(0.50)           | 0.50(0.45)           | 20,30             | 330     |
| AWVF00303012470□00 | 47                 | 1MHz,200mV | 1.820          | 0.49(0.44)           | 0.43(0.38)           | 20,30             | 470     |

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% / T=±30%**

1. Operating temperature range - 40°C ~ 125°C(Including self - temperature rise)

2. Isat for Inductance drop 30% from its value without current

3. Irms for a 40°C temperature rise from 25°C ambient with current

4. Measure Equipment:

L: HP4285A+HP42841A

RDC: DIGITAL MILLINHM METER CHROMA 16502, or equivalent

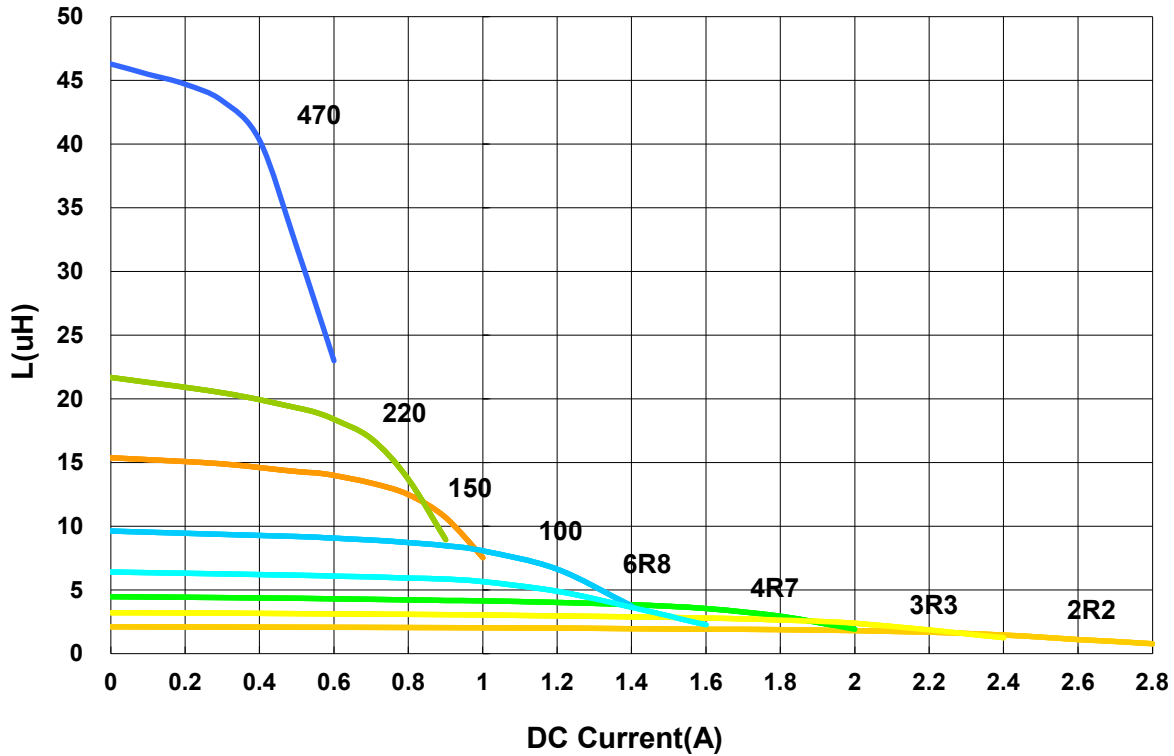
Isat: Agilent HP4284A

Irms: Agilent HP4284A

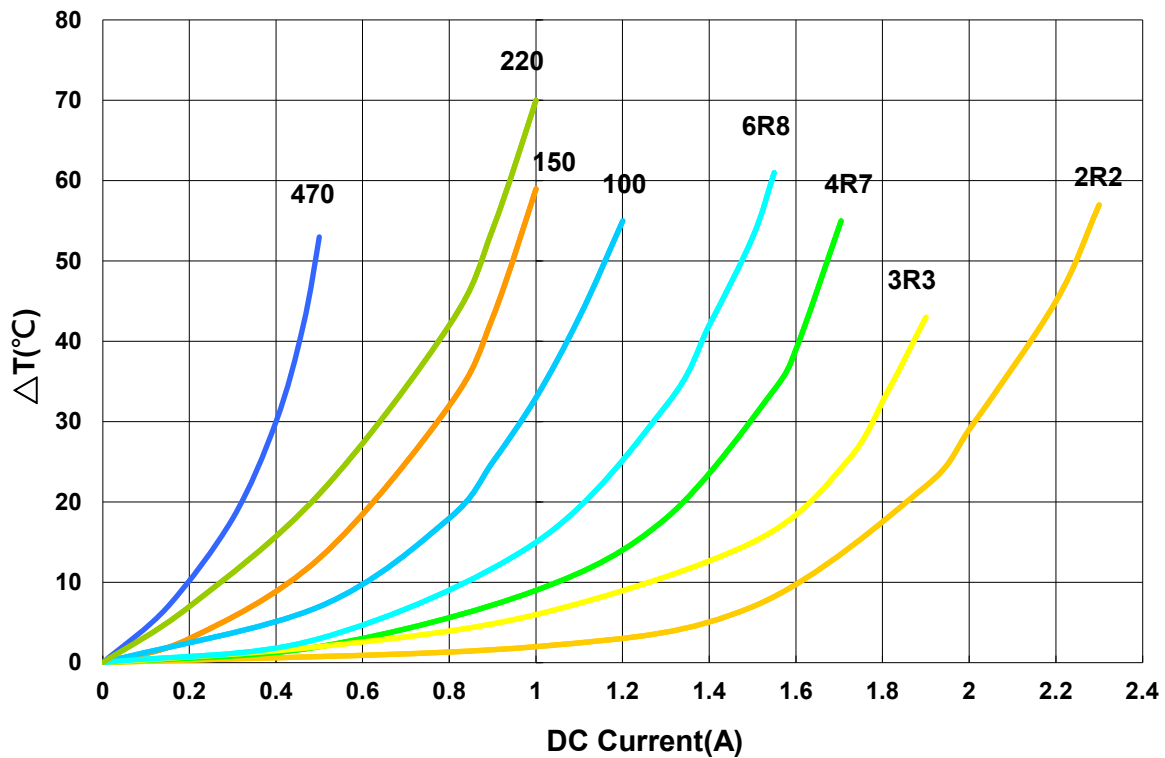
**AWVF00303012 Type**

**Characteristics Graph**

**Inductance vs. DC Current**



**Temperature Change vs. DC Current**



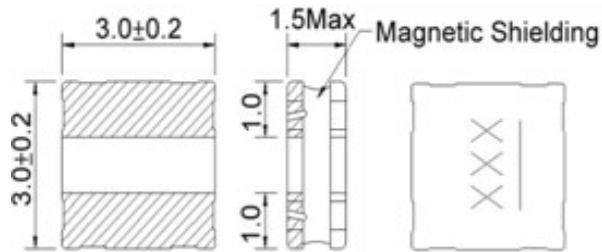
Please be sure to request approval specifications that provide further details of the products. Kindly note that the content of these specifications are subject to change or may be discontinued without prior notice. This product may not be designed/used in medical or high risk applications without Chilisin approval. Please contact our sales department before ordering.

## Power Inductor AWVF Series

**Automotive**  
**AEC-Q200**

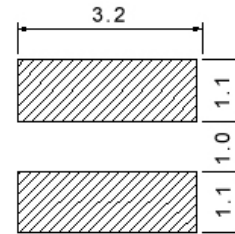
### AWVF00303015 Type

#### ■ Dimensions



unit:mm

#### ■ Recommended Land Pattern



unit:mm

#### ■ Electrical Characteristics

| Part No.           | Inductance<br>(uH) | Test Freq. | RDC<br>(Ω)±30% | Isat(A)<br>Typ.(Max) | Irms(A)<br>Typ.(Max) | Tolerance<br>(±%) | Marking |
|--------------------|--------------------|------------|----------------|----------------------|----------------------|-------------------|---------|
| AWVF00303015R47□00 | 0.47               | 1MHz,200mV | 0.036          | 4.70(4.20)           | 4.00(3.60)           | 20,30             | R47     |
| AWVF003030151R0□00 | 1.0                | 1MHz,200mV | 0.054          | 3.40(3.00)           | 3.00(2.70)           | 20,30             | 1R0     |
| AWVF003030151R5□00 | 1.5                | 1MHz,200mV | 0.063          | 3.00(2.70)           | 2.60(2.30)           | 20,30             | 1R5     |
| AWVF003030152R2□00 | 2.2                | 1MHz,200mV | 0.09           | 2.30(2.00)           | 2.00(1.80)           | 20,30             | 2R2     |
| AWVF003030153R3□00 | 3.3                | 1MHz,200mV | 0.125          | 1.90(1.70)           | 1.80(1.60)           | 20,30             | 3R3     |
| AWVF003030154R7□00 | 4.7                | 1MHz,200mV | 0.17           | 1.58(1.40)           | 1.52(1.30)           | 20,30             | 4R7     |
| AWVF003030156R8□00 | 6.8                | 1MHz,200mV | 0.235          | 1.34(1.20)           | 1.30(1.10)           | 20,30             | 6R8     |
| AWVF00303015100□00 | 10                 | 1MHz,200mV | 0.36           | 1.06(0.95)           | 1.00(0.90)           | 20,30             | 100     |
| AWVF00303015150□00 | 15                 | 1MHz,200mV | 0.55           | 0.90(0.81)           | 0.8(0.72)            | 20,30             | 150     |
| AWVF00303015220□00 | 22                 | 1MHz,200mV | 0.77           | 0.76(0.68)           | 0.65(0.58)           | 20,30             | 220     |
| AWVF00303015330□00 | 33                 | 1MHz,200mV | 0.93           | 0.65(0.58)           | 0.6(0.54)            | 20,30             | 330     |
| AWVF00303015470□00 | 47                 | 1MHz,200mV | 1.5            | 0.52(0.46)           | 0.42(0.37)           | 20,30             | 470     |
| AWVF00303015680□00 | 68                 | 1MHz,200mV | 2.3            | 0.43(0.38)           | 0.35(0.31)           | 20,30             | 680     |
| AWVF00303015101□00 | 100                | 1MHz,200mV | 2.7            | 0.36(0.32)           | 0.30(0.27)           | 20,30             | 101     |

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% / T=±30%**

1. Operating temperature range - 40°C ~ 125°C(Including self - temperature rise)
2. Isat for Inductance drop 30% from its value without current
3. Irms for a 40°C temperature rise from 25°C ambient with current
4. Measure Equipment:

L: HP4285A+HP42841A

RDC: DIGITAL MILLINHM METER CHROMA 16502, or equivalent

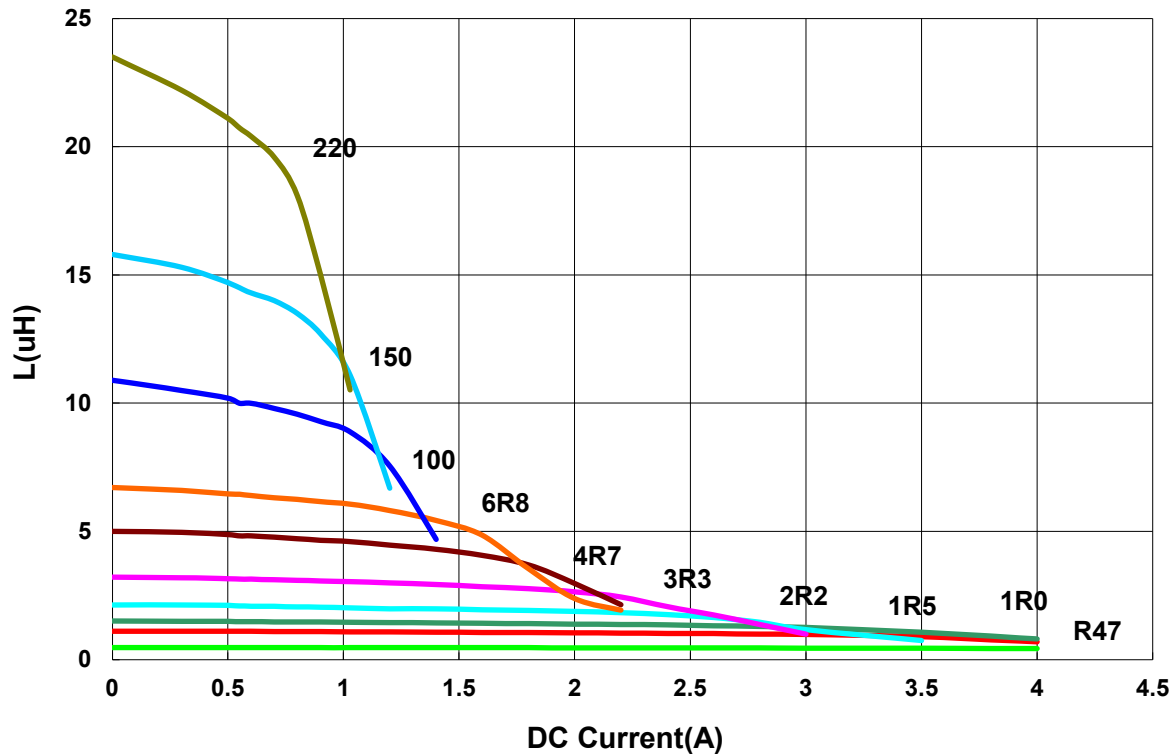
Isat: Agilent HP4284A

Irms: Agilent HP4284A

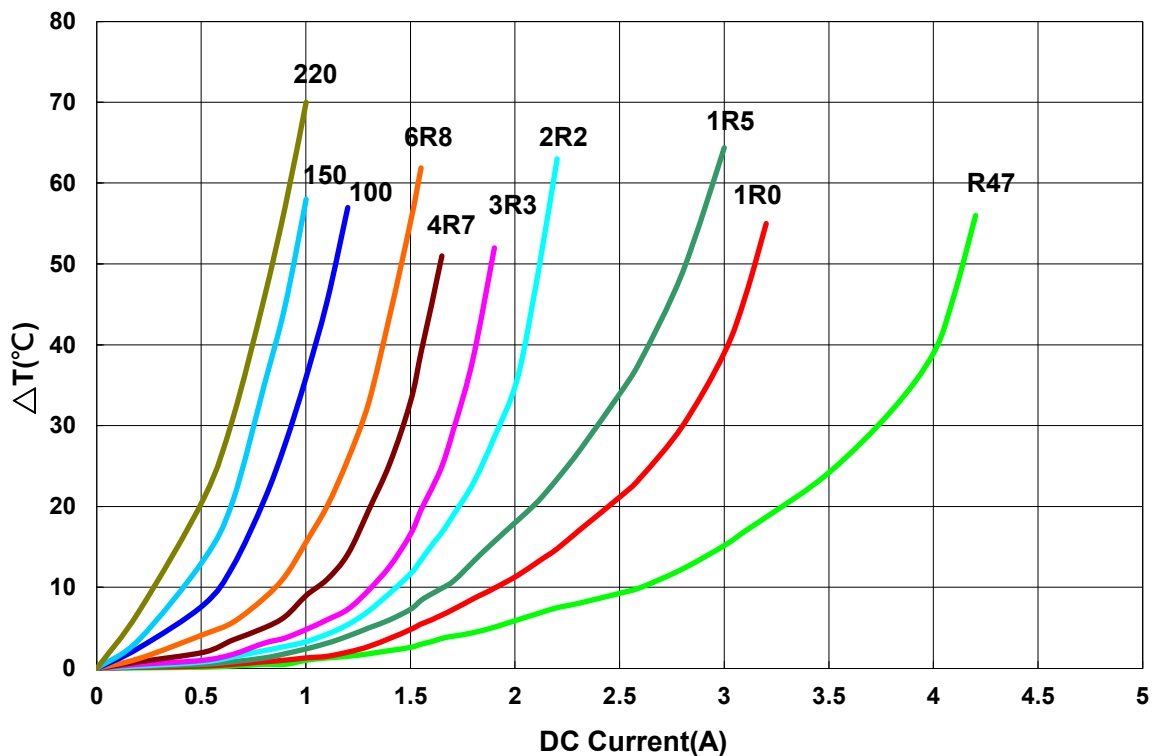
**AWVF00303015 Type**

**Characteristics Graph**

**Inductance vs. DC Current**



**Temperature Change vs. DC Current**



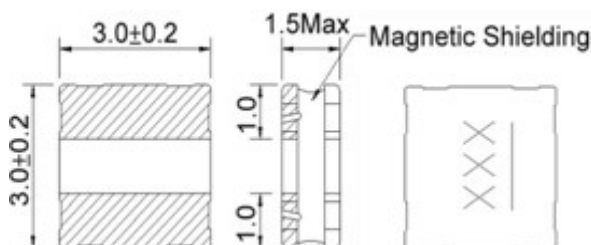
Please be sure to request approval specifications that provide further details of the products. Kindly note that the content of these specifications are subject to change or may be discontinued without prior notice. This product may not be designed/used in medical or high risk applications without Chilisin approval. Please contact our sales department before ordering.

# Power Inductor AWVF Series

Automotive  
AEC-Q200

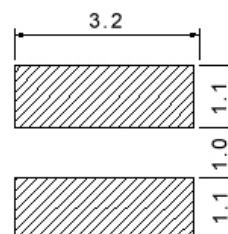
## AWVF00303015-L1 Type

### ■ Dimensions



unit:mm

### ■ Recommended Land Pattern



unit:mm

### ■ Electrical Characteristics

| Part No.           | Inductance<br>(uH) | Test Freq. | RDC<br>(Ω)±30% | Isat(A)<br>Typ.(Max) | Irms(A)<br>Typ.(Max) | Tolerance<br>(±%) | Marking |
|--------------------|--------------------|------------|----------------|----------------------|----------------------|-------------------|---------|
| AWVF00303015R24□L1 | 0.24               | 1MHz,200mV | 0.023          | 6.0(5.4)             | 4.3(3.8)             | 20,30             | R24     |
| AWVF00303015R47□L1 | 0.5                | 1MHz,200mV | 0.03           | 4.3(3.9)             | 3.7(3.3)             | 20,30             | R47     |
| AWVF00303015R68□L1 | 0.68               | 1MHz,200mV | 0.036          | 3.8(3.4)             | 3.3(2.9)             | 20,30             | R68     |
| AWVF003030151R0□L1 | 1                  | 1MHz,200mV | 0.038          | 2.7(2.4)             | 3.2(2.9)             | 20,30             | 1R0     |
| AWVF003030152R2□L1 | 2.2                | 1MHz,200mV | 0.06           | 2.0(1.8)             | 2.8(2.5)             | 20,30             | 2R2     |
| AWVF003030153R3□L1 | 3.3                | 1MHz,200mV | 0.095          | 1.8(1.6)             | 2.0(1.8)             | 20,30             | 3R3     |
| AWVF003030154R7□L1 | 4.7                | 1MHz,200mV | 0.12           | 1.5(1.3)             | 1.7(1.5)             | 20,30             | 4R7     |
| AWVF003030156R8□L1 | 6.8                | 1MHz,200mV | 0.16           | 1.2(1.0)             | 1.4(1.2)             | 20,30             | 6R8     |
| AWVF00303015100□L1 | 10                 | 1MHz,200mV | 0.22           | 1.0(0.9)             | 1.1(0.99)            | 20,30             | 100     |
| AWVF00303015150□L1 | 15                 | 1MHz,200mV | 0.36           | 0.80(0.72)           | 0.95(0.85)           | 20,30             | 150     |
| AWVF00303015220□L1 | 22                 | 1MHz,200mV | 0.5            | 0.68(0.61)           | 0.80(0.72)           | 20,30             | 220     |
| AWVF00303015330□L1 | 33                 | 1MHz,200mV | 0.7            | 0.55(0.49)           | 0.67(0.60)           | 20,30             | 330     |
| AWVF00303015470□L1 | 47                 | 1MHz,200mV | 1              | 0.45(0.40)           | 0.56(0.50)           | 20,30             | 470     |
| AWVF00303015560□L1 | 56                 | 1MHz,200mV | 1.1            | 0.40(0.36)           | 0.54(0.48)           | 20,30             | 560     |
| AWVF00303015680□L1 | 68                 | 1MHz,200mV | 1.4            | 0.37(0.33)           | 0.52(0.46)           | 20,30             | 680     |
| AWVF00303015101□L1 | 100                | 1MHz,200mV | 1.7            | 0.30(0.27)           | 0.45(0.40)           | 20,30             | 101     |
| AWVF00303015151□L1 | 150                | 1MHz,200mV | 3.2            | 0.22(0.19)           | 0.30(0.27)           | 20,30             | 151     |

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% / T=±30%**

1. Operating temperature range - 40°C ~ 125°C(Including self - temperature rise)

2. Isat for Inductance drop 30% from its value without current

3. Irms for a 40°C temperature rise from 25°C ambient with current

4. Measure Equipment:

L: HP4285A+HP42841A

RDC: DIGITAL MILLINHM METER CHROMA 16502, or equivalent

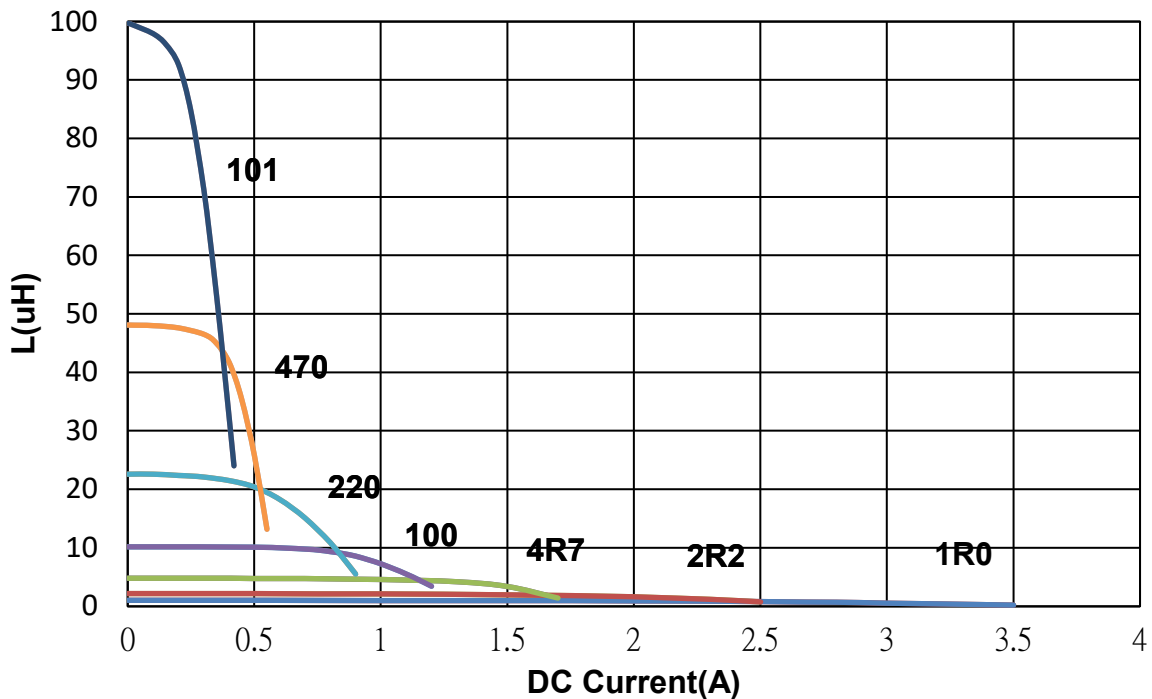
Isat: HP 4285A+HP 42841A

Irms: HP 4285A+HP 42841A

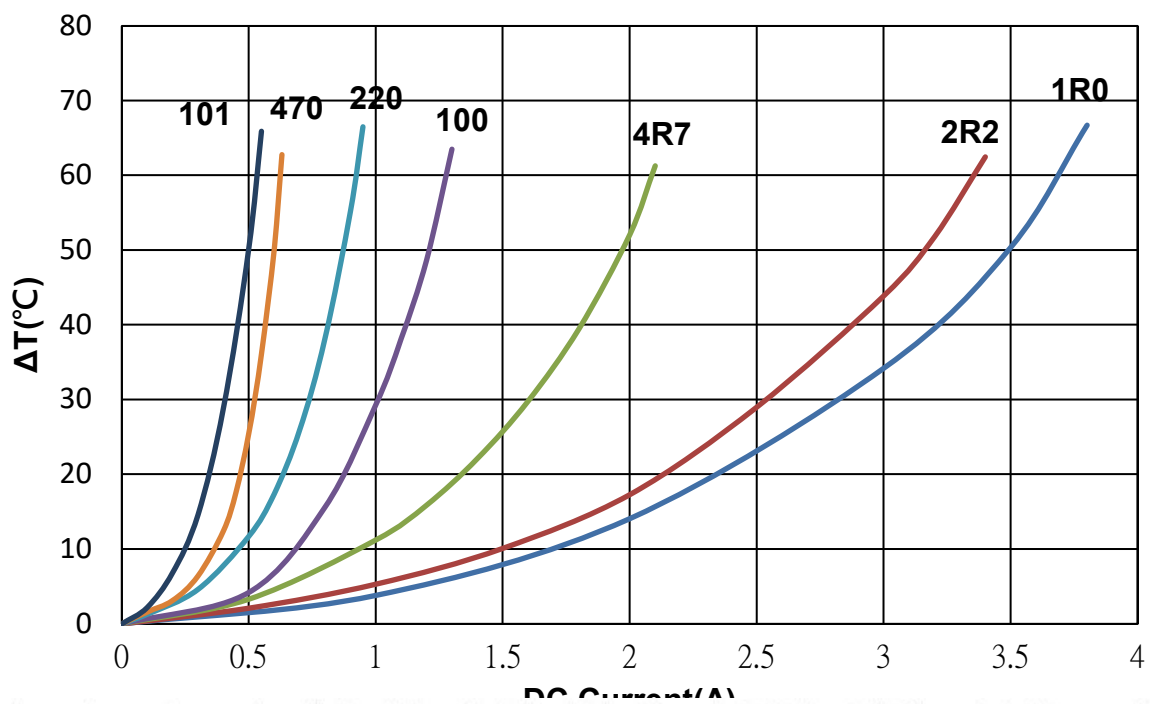
**AWVF00303015-L1 Type**

**■ Characteristics Graph**

**Inductance vs. DC Current**



**Temperature Change vs. DC Current**



Please be sure to request approval specifications that provide further details of the products. Kindly note that the content of these specifications are subject to change or may be discontinued without prior notice. This product may not be designed/used in medical or high risk applications without Chilisin approval. Please contact our sales department before ordering.

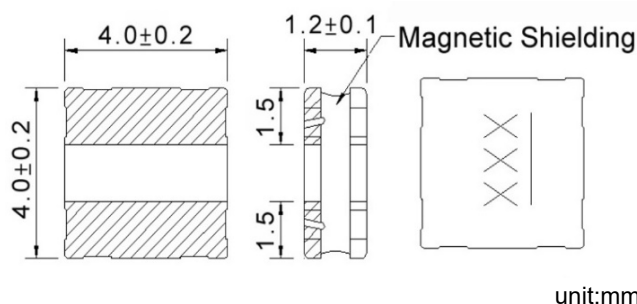


## Power Inductor AWVF Series

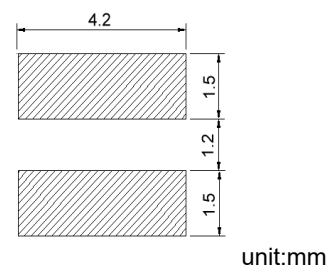
Automotive  
AEC-Q200

### AWVF00404012 Type

#### ■ Dimensions



#### ■ Recommended Land Pattern



#### ■ Electrical Characteristics

| Part No.           | Inductance<br>(uH) | Test Freq. | RDC<br>(Ω)±30% | Isat(A)<br>Typ.(Max) | Irms(A)<br>Typ.(Max) | Tolerance<br>(±%) | Marking |
|--------------------|--------------------|------------|----------------|----------------------|----------------------|-------------------|---------|
| AWVF004040123R3□00 | 3.3                | 1MHz,200mV | 0.072          | 1.5(1.30)            | 2.1(1.80)            | 20,30             | 3R3     |
| AWVF00404012100□00 | 10                 | 1MHz,200mV | 0.190          | 0.9(0.81)            | 1.2(1.00)            | 20,30             | 100     |

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% / T=±30%**

1. Operating temperature range - 40°C ~ 125°C(Including self - temperature rise)

2. Isat for Inductance drop 30% from its value without current

3. Irms for a 40°C temperature rise from 25°C ambient with current

4. Measure Equipment:

L: HP4285A+HP42841A

RDC: DIGITAL MILLINHM METER CHROMA 16502, or equivalent

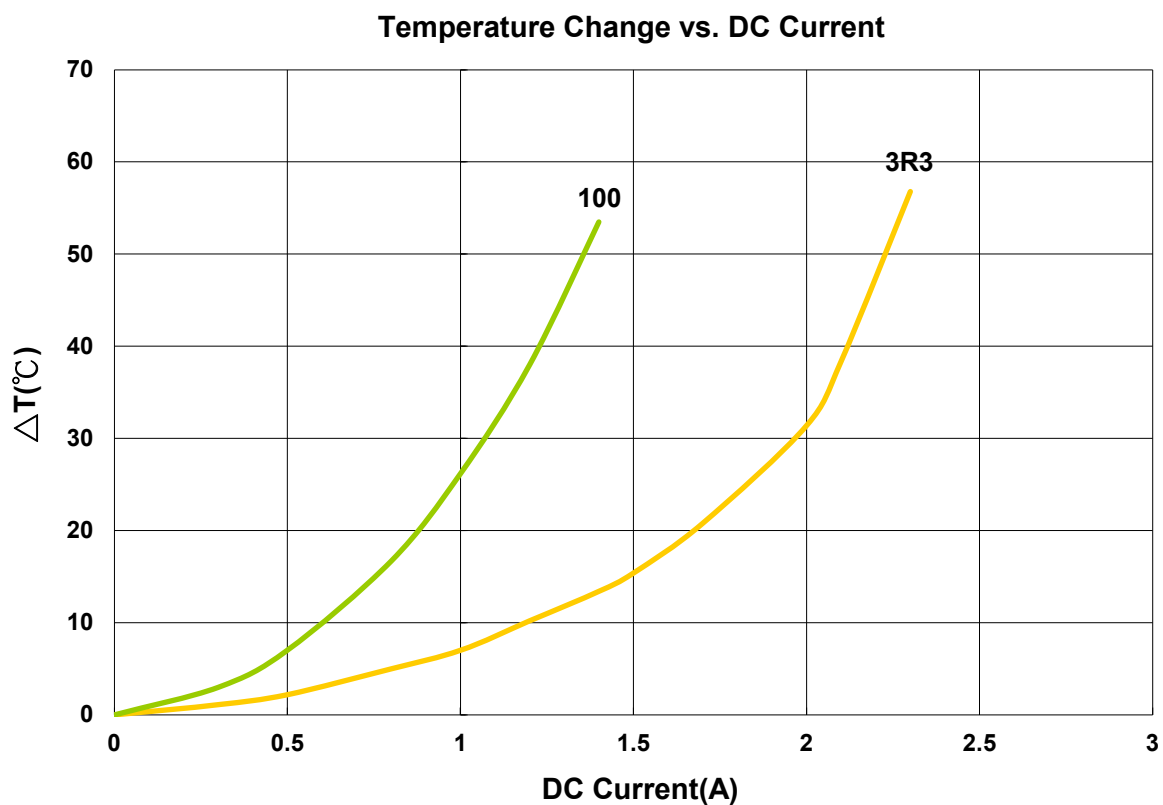
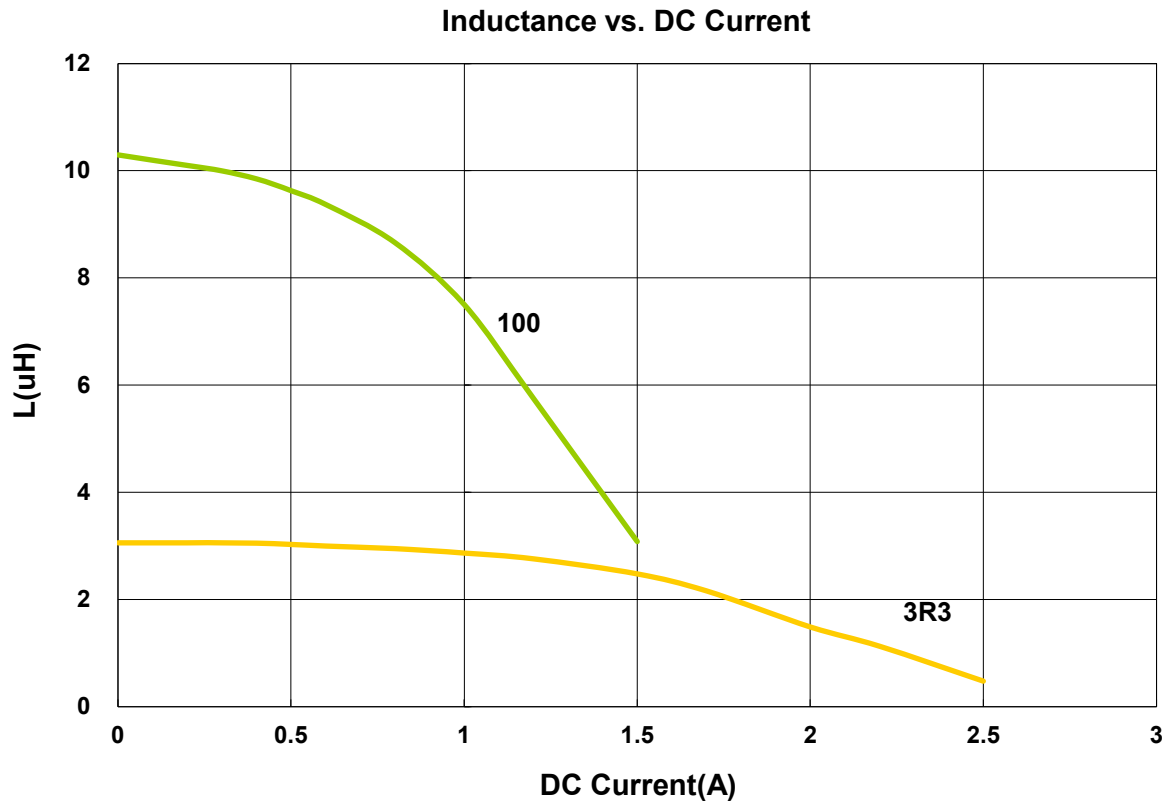
Isat: Agilent HP4284A

Irms: Agilent HP4284A



**AWVF00404012 Type**

**Characteristics Graph**



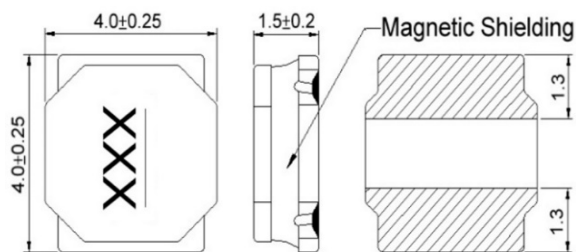
Please be sure to request approval specifications that provide further details of the products. Kindly note that the content of these specifications are subject to change or may be discontinued without prior notice. This product may not be designed/used in medical or high risk applications without Chilisin approval. Please contact our sales department before ordering.

## Power Inductor AWVF Series

**Automotive**  
**AEC-Q200**

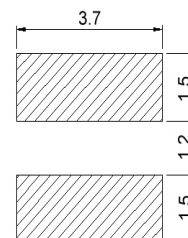
### AWVF00404015 Type

#### ■ Dimensions



unit:mm

#### ■ Recommended Land Pattern



unit:mm

#### ■ Electrical Characteristics

| Part No.           | Inductance<br>(uH) | Test Freq. | RDC<br>(Ω)±30% | Isat(A)<br>Typ.(Max) | Irms(A)<br>Typ.(Max) | Tolerance<br>(±%) | Marking |
|--------------------|--------------------|------------|----------------|----------------------|----------------------|-------------------|---------|
| AWVF00404015R47□00 | 0.47               | 1MHz,200mV | 0.019          | 4.00(3.60)           | 4.2(3.70)            | 20,30             | R47     |
| AWVF004040151R5□00 | 1.5                | 1MHz,200mV | 0.041          | 3.00(2.70)           | 3.2(2.80)            | 20,30             | 1R5     |
| AWVF004040152R2□00 | 2.2                | 1MHz,200mV | 0.054          | 2.30(2.00)           | 2.6(2.30)            | 20,30             | 2R2     |
| AWVF004040154R7□00 | 4.7                | 1MHz,200mV | 0.100          | 1.60(1.40)           | 1.8(1.60)            | 20,30             | 4R7     |
| AWVF004040156R8□00 | 6.8                | 1MHz,200mV | 0.138          | 1.40(1.20)           | 1.6(1.40)            | 20,30             | 6R8     |
| AWVF00404015100□00 | 10                 | 1MHz,200mV | 0.200          | 1.00(0.90)           | 1.2(1.00)            | 20,30             | 100     |
| AWVF00404015150□00 | 15                 | 1MHz,200mV | 0.300          | 0.92(0.82)           | 1.0(0.94)            | 20,30             | 150     |
| AWVF00404015220□00 | 22                 | 1MHz,200mV | 0.400          | 0.72(0.64)           | 0.85(0.76)           | 20,30             | 220     |

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% / T=±30%**

1. Operating temperature range - 40°C ~ 125°C(Including self - temperature rise)

2. Isat for Inductance drop 30% from its value without current

3. Irms for a 40°C temperature rise from 25°C ambient with current

4. Measure Equipment:

L: HP4285A+HP42841A

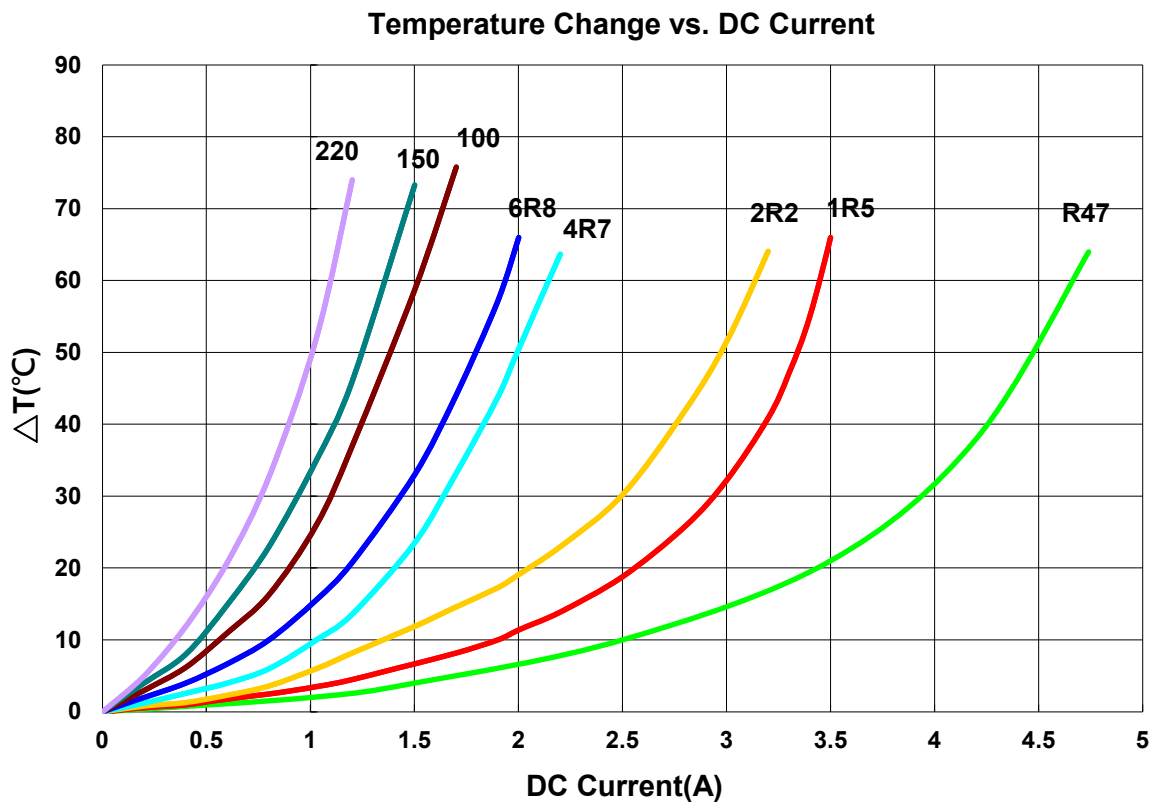
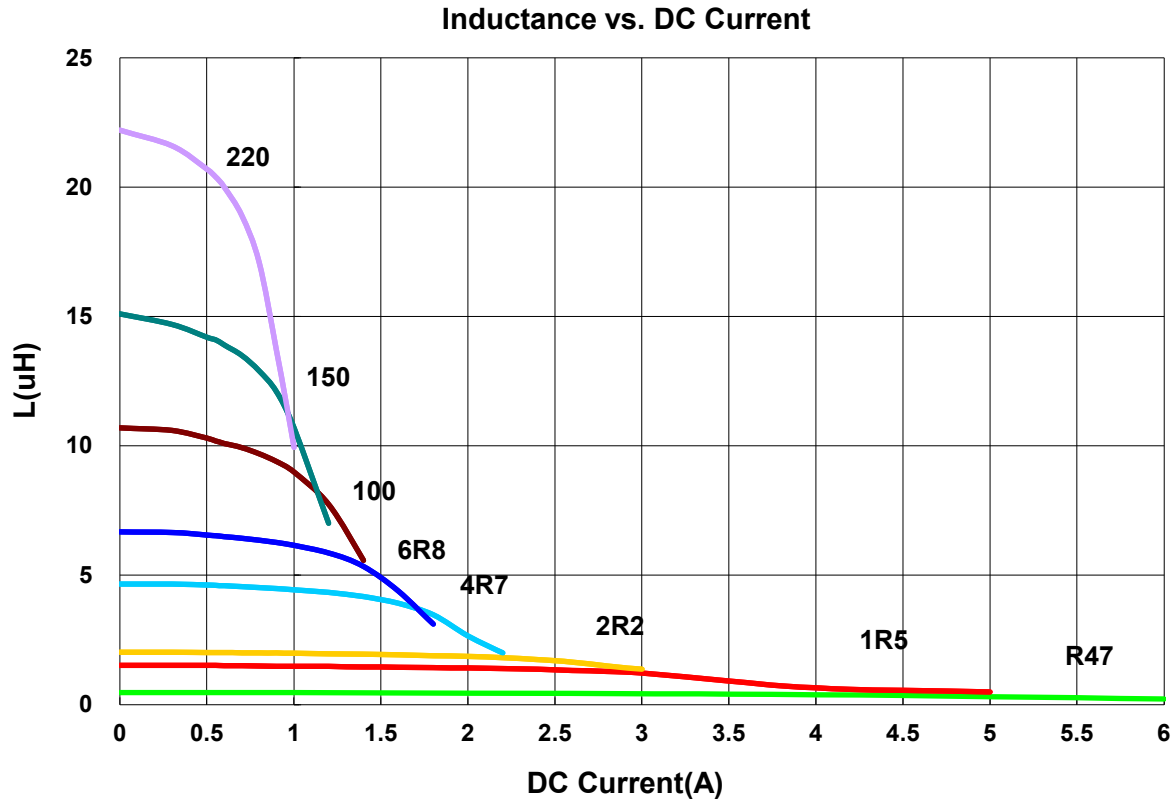
RDC: DIGITAL MILLINHM METER CHROMA 16502, or equivalent

Isat: Agilent HP4284A

Irms: Agilent HP4284A

**AWVF00404015 Type**

**Characteristics Graph**



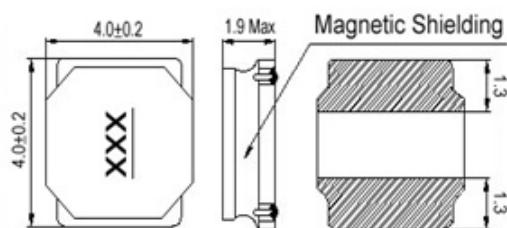
Please be sure to request approval specifications that provide further details of the products. Kindly note that the content of these specifications are subject to change or may be discontinued without prior notice. This product may not be designed/used in medical or high risk applications without Chilisin approval. Please contact our sales department before ordering.

## Power Inductor AWVF Series

Automotive  
AEC-Q200

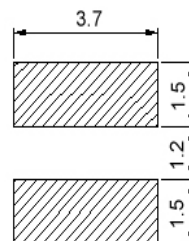
### AWVF00404018 Type

#### ■ Dimensions



unit:mm

#### ■ Recommended Land Pattern



unit:mm

#### ■ Electrical Characteristics

| Part No.           | Inductance<br>(uH) | Test Freq. | RDC<br>(Ω)±30% | Isat(A)<br>Typ.(Max) | Irms(A)<br>Typ.(Max) | Tolerance<br>(±%) | Marking |
|--------------------|--------------------|------------|----------------|----------------------|----------------------|-------------------|---------|
| AWVF00404018R47□00 | 0.5                | 100kHz,1V  | 0.0150         | 6.00(5.40)           | 5.00(4.50)           | 30                | R47     |
| AWVF00404018R56□00 | 0.6                | 100kHz,1V  | 0.0220         | 5.70(5.10)           | 4.00(3.60)           | 20,30             | R56     |
| AWVF00404018R68□00 | 0.7                | 100kHz,1V  | 0.0220         | 5.00(4.50)           | 3.90(3.50)           | 20,30             | R68     |
| AWVF004040181R0□00 | 1.0                | 100kHz,1V  | 0.0265         | 4.20(3.70)           | 3.80(3.40)           | 20,30             | 1R0     |
| AWVF004040181R5□00 | 1.5                | 100kHz,1V  | 0.0370         | 3.50(3.10)           | 3.20(2.80)           | 20,30             | 1R5     |
| AWVF004040182R2□00 | 2.2                | 100kHz,1V  | 0.0470         | 3.00(2.70)           | 2.70(2.40)           | 20,30             | 2R2     |
| AWVF004040183R3□00 | 3.3                | 100kHz,1V  | 0.0625         | 2.30(2.00)           | 2.10(1.80)           | 20,30             | 3R3     |
| AWVF00404018220□00 | 22                 | 100kHz,1V  | 0.335          | 0.90(0.81)           | 0.88(0.79)           | 20,30             | 220     |

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% / T=±30%**

1. Operating temperature range - 40°C ~ 125°C(Including self - temperature rise)

2. Isat for Inductance drop 30% from its value without current

3. Irms for a 40°C temperature rise from 25°C ambient with current

4. Measure Equipment:

L: HP4285A+HP42841A

RDC: DIGITAL MILLINHM METER CHROMA 16502, or equivalent

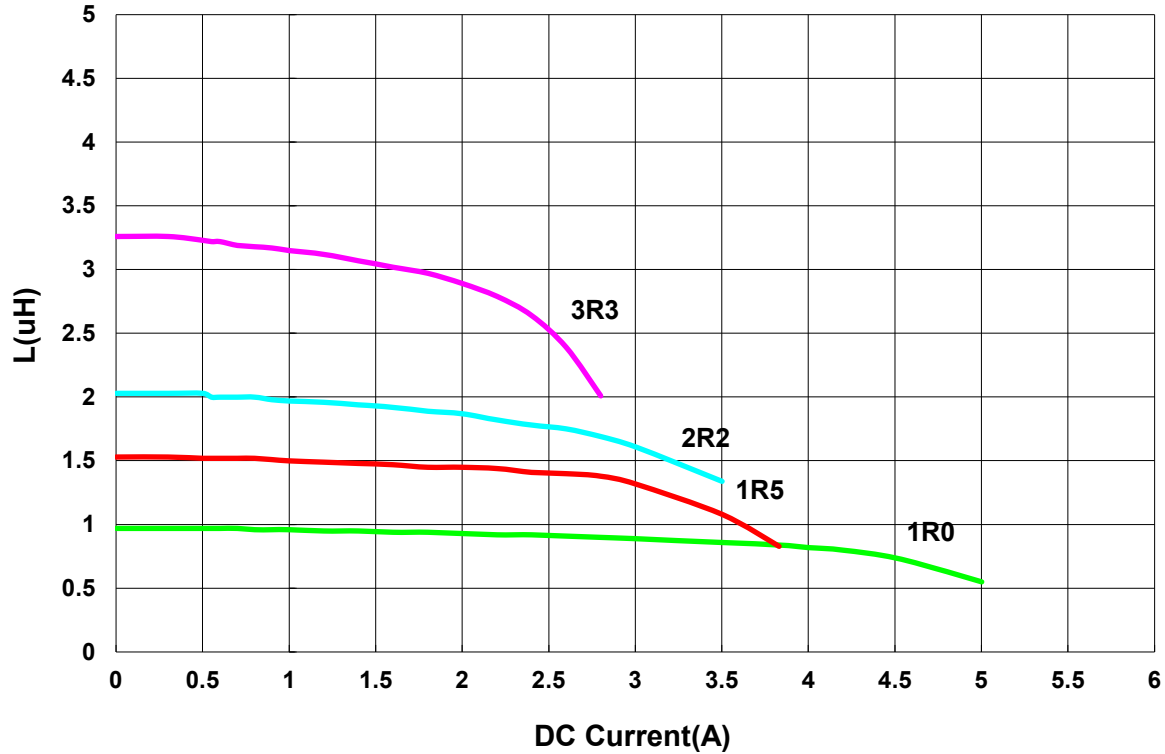
Isat: Agilent HP4284A

Irms: Agilent HP4284A

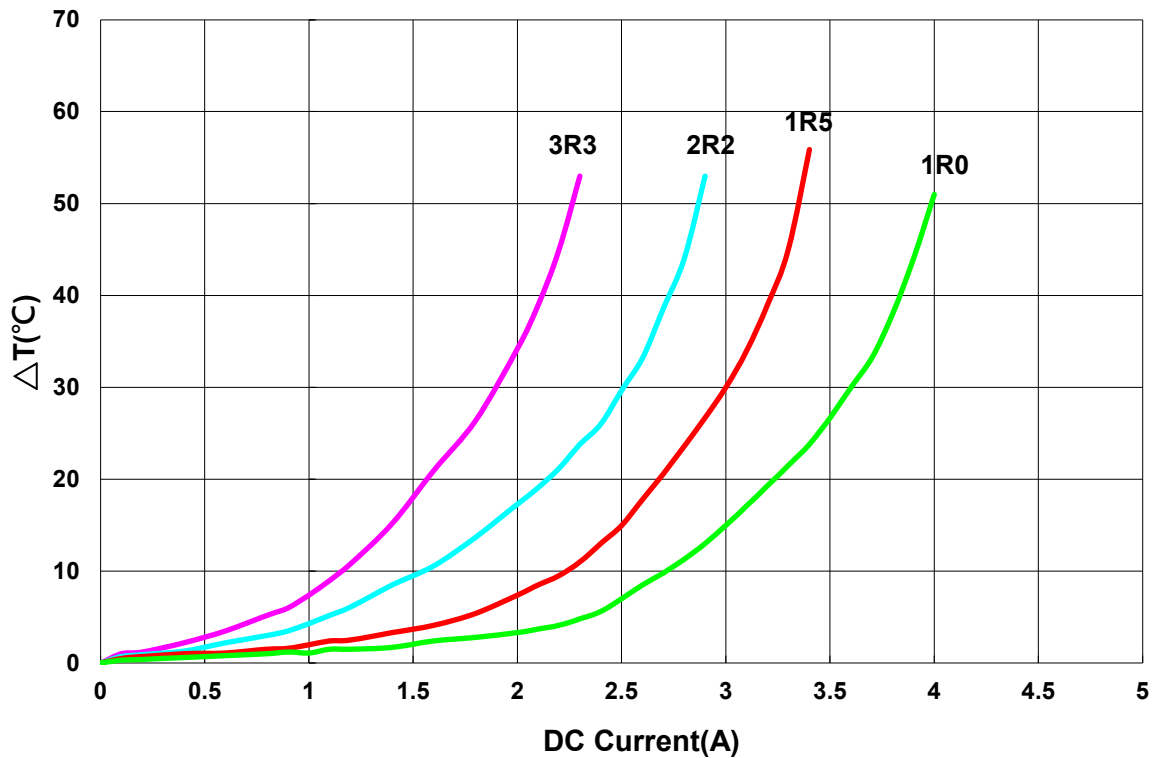
**AWVF00404018 Type**

**Characteristics Graph**

**Inductance vs. DC Current**



**Temperature Change vs. DC Current**



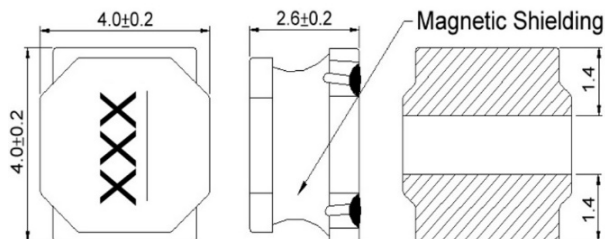
Please be sure to request approval specifications that provide further details of the products. Kindly note that the content of these specifications are subject to change or may be discontinued without prior notice. This product may not be designed/used in medical or high risk applications without Chilisin approval. Please contact our sales department before ordering.

# Power Inductor AWVF Series

**Automotive**  
**AEC-Q200**

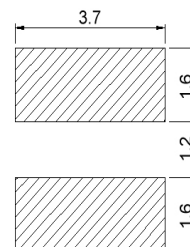
## AWVF00404026 Type

### ■ Dimensions



unit:mm

### ■ Recommended Land Pattern



unit:mm

### ■ Electrical Characteristics

| Part No.           | Inductance<br>(uH) | Test Freq. | RDC<br>(Ω)±30% | Isat(A)<br>Typ.(Max) | Irms(A)<br>Typ.(Max) | Tolerance<br>(±%) | Marking |
|--------------------|--------------------|------------|----------------|----------------------|----------------------|-------------------|---------|
| AWVF004040261R0□00 | 1.0                | 100kHz,1V  | 0.030          | 5.00(4.50)           | 4.00(3.60)           | 20,30             | 1R0     |
| AWVF004040261R5□00 | 1.5                | 100kHz,1V  | 0.035          | 4.20(3.70)           | 3.70(3.3)            | 20,30             | 1R5     |
| AWVF004040262R2□00 | 2.2                | 100kHz,1V  | 0.045          | 3.80(3.40)           | 3.50(3.1)            | 20,30             | 2R2     |
| AWVF004040263R3□00 | 3.3                | 100kHz,1V  | 0.067          | 3.00(2.70)           | 2.50(2.2)            | 20,30             | 3R3     |
| AWVF004040264R7□00 | 4.7                | 100kHz,1V  | 0.092          | 2.60(2.30)           | 2.00(1.80)           | 20,30             | 4R7     |
| AWVF004040265R6□00 | 5.6                | 100kHz,1V  | 0.110          | 2.30(2.00)           | 1.90(1.70)           | 20,30             | 5R6     |
| AWVF004040266R8□00 | 6.8                | 100kHz,1V  | 0.130          | 2.00(1.80)           | 1.70(1.50)           | 20,30             | 6R8     |
| AWVF004040268R2□00 | 8.2                | 100kHz,1V  | 0.180          | 2.00(1.80)           | 1.40(1.26)           | 20,30             | 8R2     |
| AWVF00404026100□00 | 10                 | 100kHz,1V  | 0.188          | 1.90(1.70)           | 1.40(1.20)           | 20,30             | 100     |
| AWVF00404026150□00 | 15                 | 100kHz,1V  | 0.240          | 1.40(1.30)           | 1.20(1.00)           | 20,30             | 150     |
| AWVF00404026220□00 | 22                 | 100kHz,1V  | 0.330          | 1.20(1.00)           | 1.00(0.90)           | 20,30             | 220     |
| AWVF00404026330□00 | 33                 | 100kHz,1V  | 0.480          | 1.00(0.90)           | 0.82(0.73)           | 20,30             | 330     |
| AWVF00404026470□00 | 47                 | 100kHz,1V  | 0.735          | 0.88(0.79)           | 0.64(0.57)           | 20,30             | 470     |
| AWVF00404026101□00 | 100                | 100kHz,1V  | 1.380          | 0.58(0.52)           | 0.50(0.45)           | 20,30             | 101     |
| AWVF00404026151□00 | 150                | 100kHz,1V  | 2.500          | 0.50(0.45)           | 0.38(0.34)           | 20,30             | 151     |
| AWVF00404026271□00 | 270                | 100kHz,1V  | 4.400          | 0.34(0.30)           | 0.27(0.24)           | 20,30             | 271     |
| AWVF00404026331□00 | 330                | 100kHz,1V  | 4.600          | 0.31(0.27)           | 0.25(0.22)           | 20,30             | 331     |

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% / T=±30%**

1. Operating temperature range - 40°C ~ 125°C(Including self - temperature rise)

2. Isat for Inductance drop 30% from its value without current

3. Irms for a 40°C temperature rise from 25°C ambient with current

4. Measure Equipment:

L: HP4285A+HP42841A

RDC: DIGITAL MILLINHM METER CHROMA 16502, or equivalent

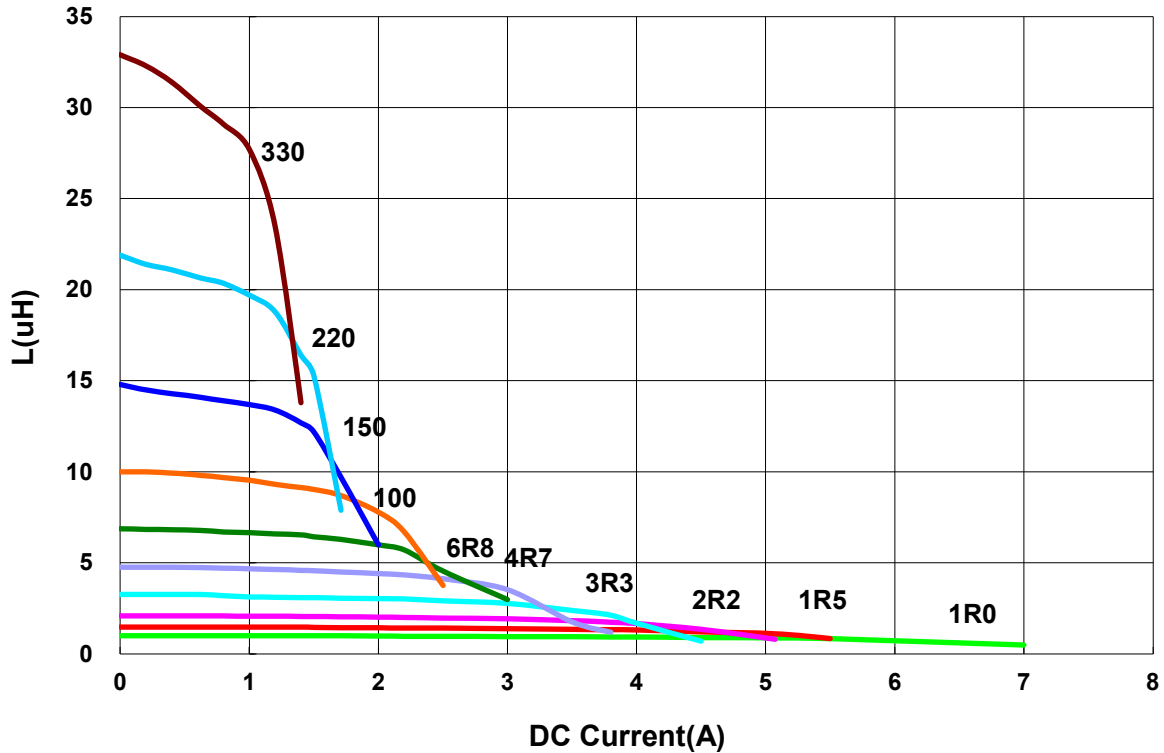
Isat: Agilent HP4284A

Irms: Agilent HP4284A

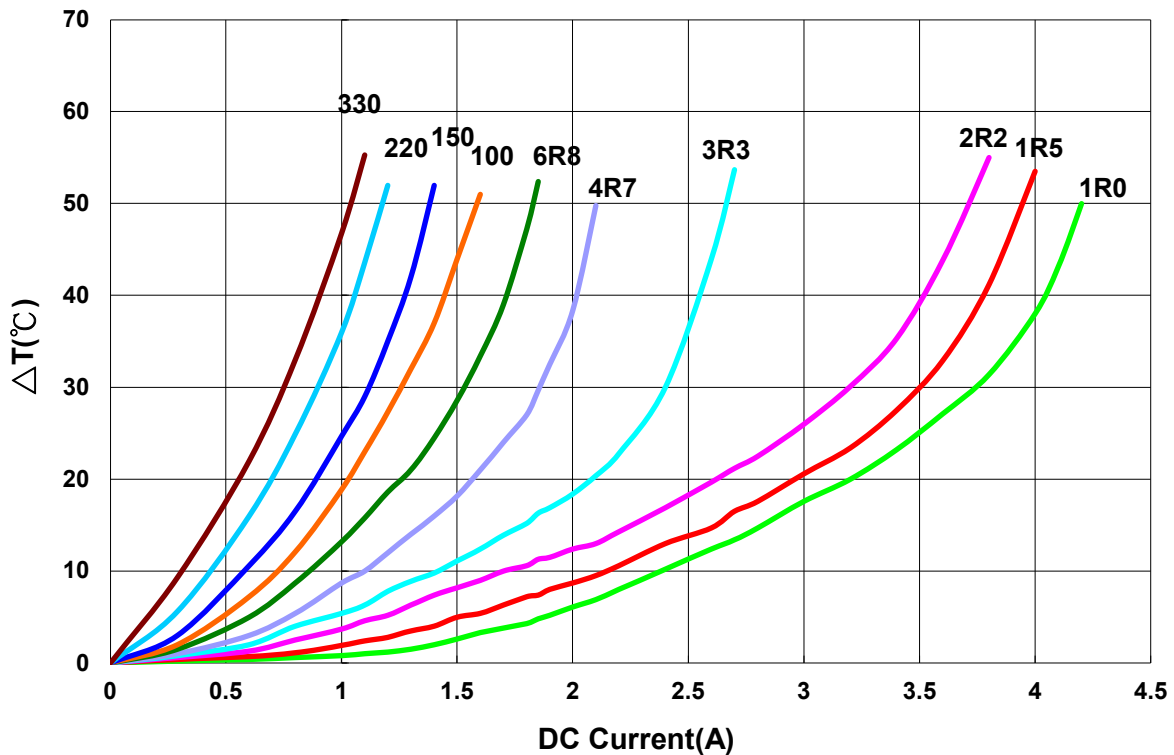
**AWVF00404026 Type**

**Characteristics Graph**

**Inductance vs. DC Current**



**Temperature Change vs. DC Current**



Please be sure to request approval specifications that provide further details of the products. Kindly note that the content of these specifications are subject to change or may be discontinued without prior notice. This product may not be designed/used in medical or high risk applications without Chilisin approval. Please contact our sales department before ordering.

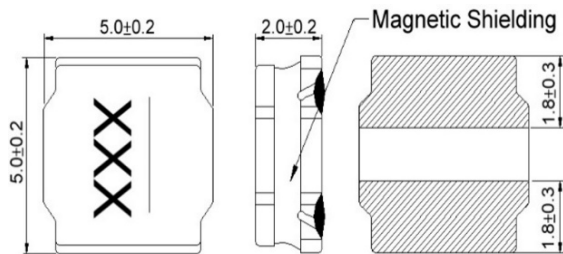


# Power Inductor AWVF Series

**Automotive**  
**AEC-Q200**

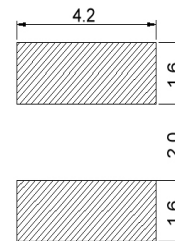
## AWVF00505020 Type

### ■ Dimensions



unit:mm

### ■ Recommended Land Pattern



unit:mm

### ■ Electrical Characteristics

| Part No.           | Inductance<br>(uH) | Test Freq. | RDC<br>(Ω)±30% | Isat(A)<br>Typ.(Max) | Irms(A)<br>Typ.(Max) | Tolerance<br>(±%) | Marking |
|--------------------|--------------------|------------|----------------|----------------------|----------------------|-------------------|---------|
| AWVF005050201R0□00 | 1.0                | 100kHz,1V  | 0.018          | 6.0(5.4)             | 4.1(3.6)             | 20,30             | 1R0     |
| AWVF005050201R5□00 | 1.5                | 100kHz,1V  | 0.023          | 4.9(4.4)             | 3.5(3.1)             | 20,30             | 1R5     |
| AWVF005050201R8□00 | 1.8                | 100kHz,1V  | 0.026          | 4.1(3.6)             | 3.4(3.0)             | 20,30             | 1R8     |
| AWVF005050202R2□00 | 2.2                | 100kHz,1V  | 0.030          | 4.0(3.6)             | 3.3(2.9)             | 20,30             | 2R2     |
| AWVF005050203R6□00 | 3.6                | 100kHz,1V  | 0.050          | 3.1(2.7)             | 2.7(2.4)             | 20,30             | 3R6     |
| AWVF005050203R9□00 | 3.9                | 100kHz,1V  | 0.053          | 2.9(2.6)             | 2.6(2.3)             | 20,30             | 3R9     |
| AWVF005050204R7□00 | 4.7                | 100kHz,1V  | 0.060          | 2.7(2.4)             | 2.2(1.9)             | 20,30             | 4R7     |
| AWVF005050205R6□00 | 5.6                | 100kHz,1V  | 0.067          | 2.5(2.20)            | 2.0(1.80)            | 20,30             | 5R6     |
| AWVF005050206R8□00 | 6.8                | 100kHz,1V  | 0.093          | 2.2(1.9)             | 1.8(1.6)             | 20,30             | 6R8     |
| AWVF00505020100□00 | 10                 | 100kHz,1V  | 0.125          | 1.8(1.6)             | 1.6(1.4)             | 20,30             | 100     |
| AWVF00505020150□00 | 15                 | 100kHz,1V  | 0.195          | 1.4(1.2)             | 1.2(1.0)             | 20,30             | 150     |
| AWVF00505020220□00 | 22                 | 100kHz,1V  | 0.265          | 1.2(1.0)             | 1.0(0.9)             | 20,30             | 220     |
| AWVF00505020470□00 | 47                 | 100kHz,1V  | 0.560          | 0.85(0.76)           | 0.70(0.63)           | 20,30             | 470     |

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% / T=±30%**

1. Operating temperature range - 40°C ~ 125°C(Including self - temperature rise)

2. Isat for Inductance drop 30% from its value without current

3. Irms for a 40°C temperature rise from 25°C ambient with current

4. Measure Equipment:

L: HP4285A+HP42841A

RDC: DIGITAL MILLINHM METER CHROMA 16502, or equivalent

Isat: Agilent HP4284A

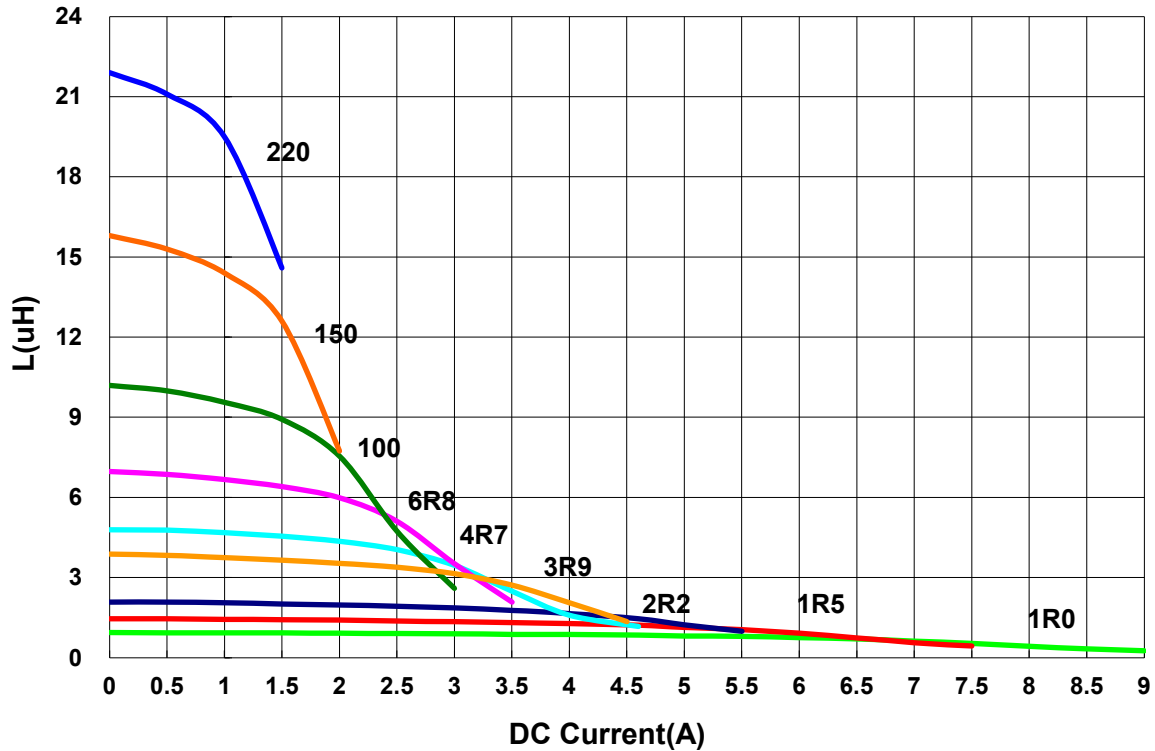
Irms: Agilent HP4284A



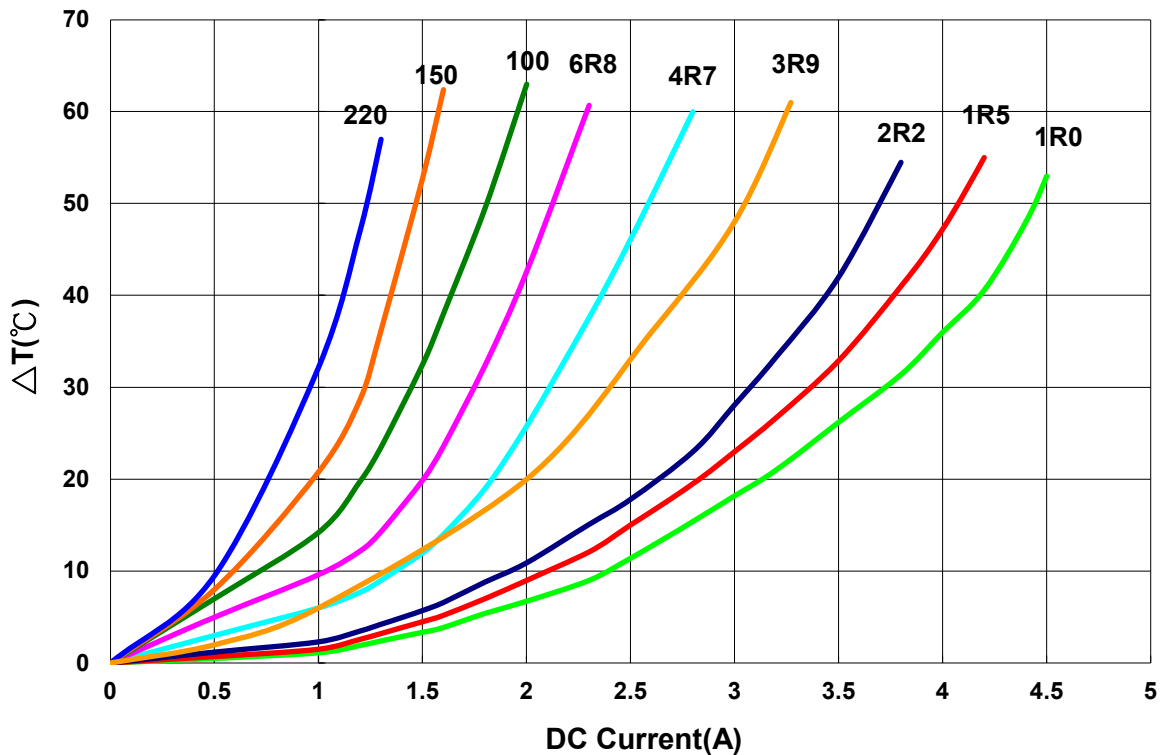
**AWVF00505020 Type**

**Characteristics Graph**

**Inductance vs. DC Current**



**Temperature Change vs. DC Current**



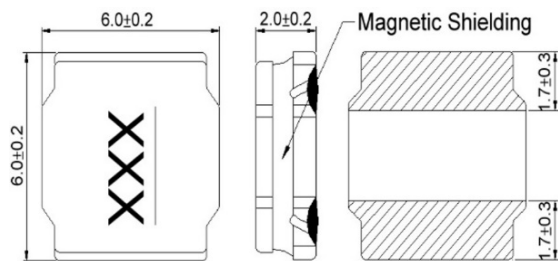
Please be sure to request approval specifications that provide further details of the products. Kindly note that the content of these specifications are subject to change or may be discontinued without prior notice. This product may not be designed/used in medical or high risk applications without Chilisin approval. Please contact our sales department before ordering.

# Power Inductor AWVF Series

**Automotive**  
**AEC-Q200**

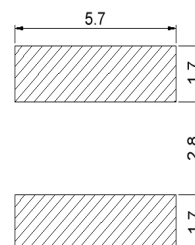
## AWVF00606020 Type

### ■ Dimensions



unit:mm

### ■ Recommended Land Pattern



unit:mm

### ■ Electrical Characteristics

| Part No.           | Inductance<br>(uH) | Test Freq. | RDC<br>(Ω)±30% | Isat(A)<br>Typ.(Max) | Irms(A)<br>Typ.(Max) | Tolerance<br>(±%) | Marking |
|--------------------|--------------------|------------|----------------|----------------------|----------------------|-------------------|---------|
| AWVF006060204R7□00 | 4.7                | 100kHz,1V  | 0.058          | 3.0(2.7)             | 2.3(2.0)             | 20,30             | 4R7     |
| AWVF00606020100□00 | 10                 | 100kHz,1V  | 0.130          | 2.1(1.8)             | 1.6(1.4)             | 20,30             | 100     |
| AWVF00606020150□00 | 15                 | 100kHz,1V  | 0.195          | 1.6(1.4)             | 1.3(1.1)             | 20,30             | 150     |
| AWVF00606020220□00 | 22                 | 100kHz,1V  | 0.260          | 1.3(1.1)             | 1.1(0.99)            | 20,30             | 220     |
| AWVF00606020470□00 | 47                 | 100kHz,1V  | 0.510          | 0.9(0.8)             | 0.8(0.72)            | 20,30             | 470     |

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% / T=±30%**

1. Operating temperature range - 40°C ~ 125°C(Including self - temperature rise)

2. Isat for Inductance drop 30% from its value without current

3. Irms for a 40°C temperature rise from 25°C ambient with current

4. Measure Equipment:

L: HP4285A+HP42841A

RDC: DIGITAL MILLINHM METER CHROMA 16502, or equivalent

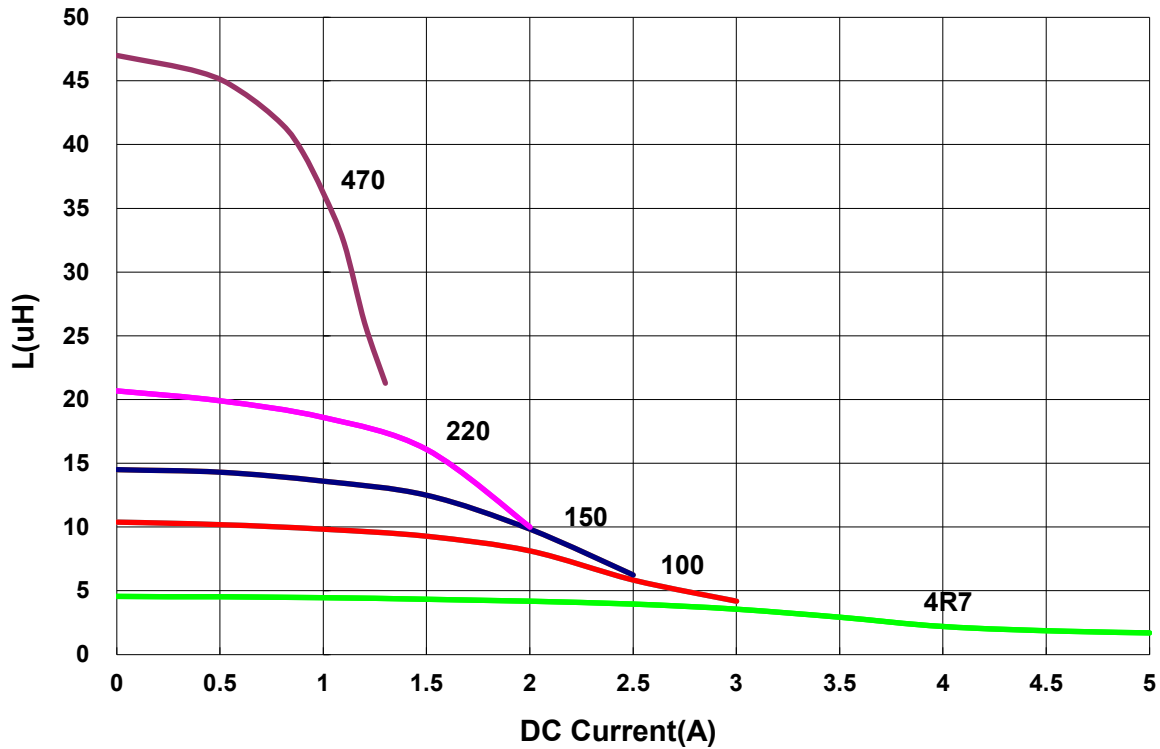
Isat: Agilent HP4284A

Irms: Agilent HP4284A

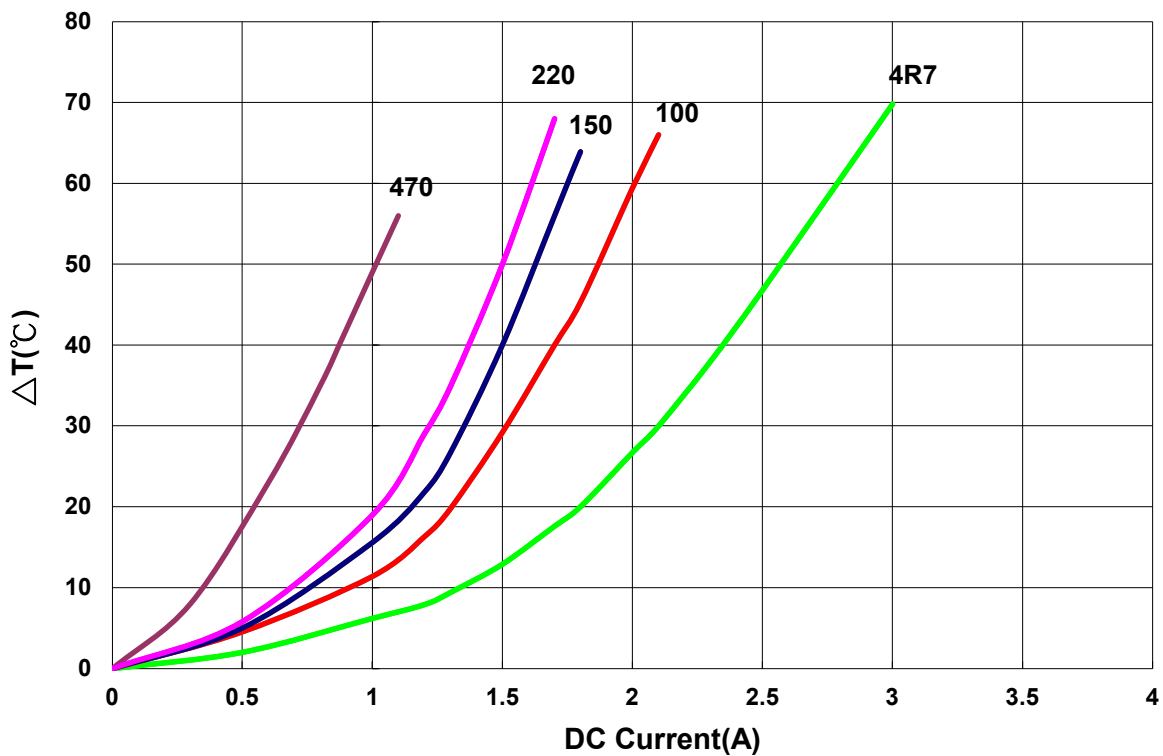
**AWVF00606020 Type**

**■ Characteristics Graph**

**Inductance vs. DC Current**



**Temperature Change vs. DC Current**



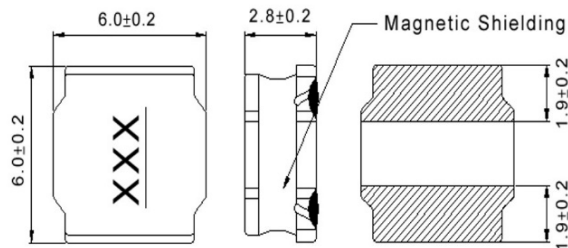
Please be sure to request approval specifications that provide further details of the products. Kindly note that the content of these specifications are subject to change or may be discontinued without prior notice. This product may not be designed/used in medical or high risk applications without Chilisin approval. Please contact our sales department before ordering.

## Power Inductor AWVF Series

Automotive  
AEC-Q200

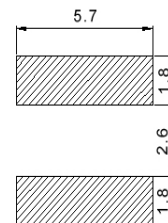
### AWVF00606028 Type

#### ■ Dimensions



unit:mm

#### ■ Recommended Land Pattern



unit:mm

#### ■ Electrical Characteristics

| Part No.           | Inductance<br>(uH) | Test Freq. | RDC<br>(Ω)±30% | Isat(A)<br>Typ.(Max) | Irms(A)<br>Typ.(Max) | Tolerance<br>(±%) | Marking |
|--------------------|--------------------|------------|----------------|----------------------|----------------------|-------------------|---------|
| AWVF006060281R0□00 | 1.0                | 100kHz,1V  | 0.012          | 7.9(7.10)            | 6.3(5.60)            | 20,30             | 1R0     |
| AWVF006060281R5□00 | 1.5                | 100kHz,1V  | 0.015          | 7.0(6.30)            | 5.5(4.90)            | 20,30             | 1R5     |
| AWVF006060282R2□00 | 2.2                | 100kHz,1V  | 0.020          | 6.0(5.40)            | 5.0(4.50)            | 20,30             | 2R2     |
| AWVF006060284R7□00 | 4.7                | 100kHz,1V  | 0.036          | 4.0(3.60)            | 3.4(3.00)            | 20,30             | 4R7     |
| AWVF006060286R8□00 | 6.8                | 100kHz,1V  | 0.048          | 3.2(2.80)            | 3.0(2.70)            | 20,30             | 6R8     |

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% / T=±30%**

1. Operating temperature range - 40°C ~ 125°C(Including self - temperature rise)

2. Isat for Inductance drop 30% from its value without current

3. Irms for a 40°C temperature rise from 25°C ambient with current

4. Measure Equipment:

L: HP4285A+HP42841A

RDC: DIGITAL MILLINHM METER CHROMA 16502, or equivalent

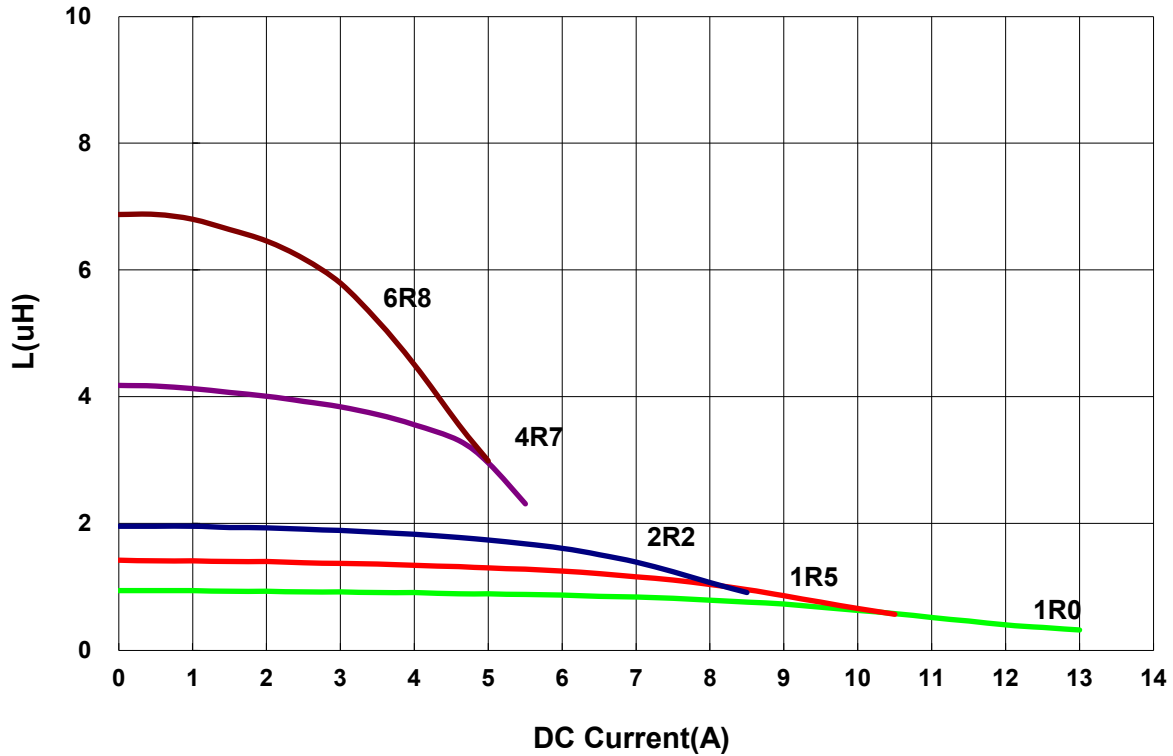
Isat: Agilent HP4284A

Irms: Agilent HP4284A

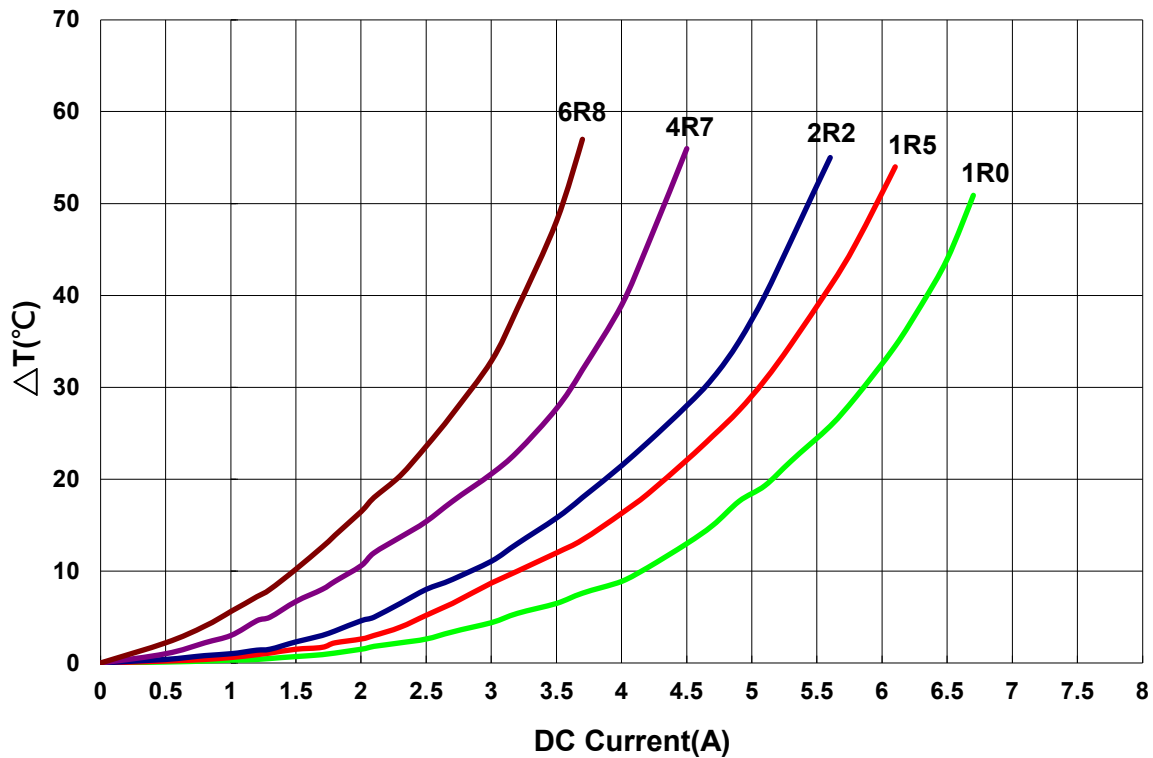
**AWVF00606028 Type**

**Characteristics Graph**

**Inductance vs. DC Current**



**Temperature Change vs. DC Current**



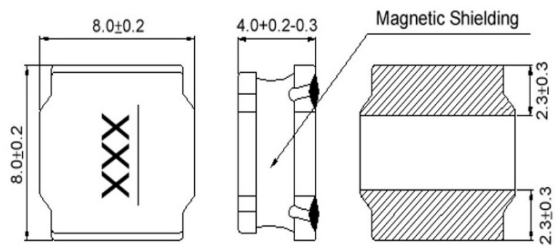
Please be sure to request approval specifications that provide further details of the products. Kindly note that the content of these specifications are subject to change or may be discontinued without prior notice. This product may not be designed/used in medical or high risk applications without Chilisin approval. Please contact our sales department before ordering.

## Power Inductor AWVF Series

Automotive  
AEC-Q200

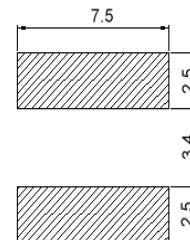
### AWVF00808040 Type

#### ■ Dimensions



unit:mm

#### ■ Recommended Land Pattern



unit:mm

#### ■ Electrical Characteristics

| Part No.           | Inductance<br>(uH) | Test Freq. | RDC<br>(Ω)±30% | Isat(A)<br>Typ.(Max) | Irms(A)<br>Typ.(Max) | Tolerance<br>(±%) | Marking |
|--------------------|--------------------|------------|----------------|----------------------|----------------------|-------------------|---------|
| AWVF008080404R7□00 | 4.7                | 100kHz,1V  | 0.020          | 6.8(6.00)            | 5.5(4.80)            | 20,30             | 4R7     |
| AWVF008080405R6□00 | 5.6                | 100kHz,1V  | 0.021          | 6.0(5.40)            | 5.2(4.68)            | 20,30             | 5R6     |
| AWVF00808040100□00 | 10                 | 100kHz,1V  | 0.038          | 5.0(4.40)            | 3.8(3.30)            | 20,30             | 100     |
| AWVF00808040150□00 | 15                 | 100kHz,1V  | 0.057          | 4.0(3.50)            | 3.2(2.70)            | 20,30             | 150     |
| AWVF00808040220□00 | 22                 | 100kHz,1V  | 0.082          | 3.4(2.90)            | 2.7(2.30)            | 20,30             | 220     |

**Note: When ordering, please specify tolerance code. Tolerance: M=±20% / T=±30%**

1. Operating temperature range - 40°C ~ 125°C(Including self - temperature rise)

2. Isat for Inductance drop 30% from its value without current

3. Irms for a 40°C temperature rise from 25°C ambient with current

4. Measure Equipment:

L: HP4285A+HP42841A

RDC: DIGITAL MILLINHM METER CHROMA 16502, or equivalent

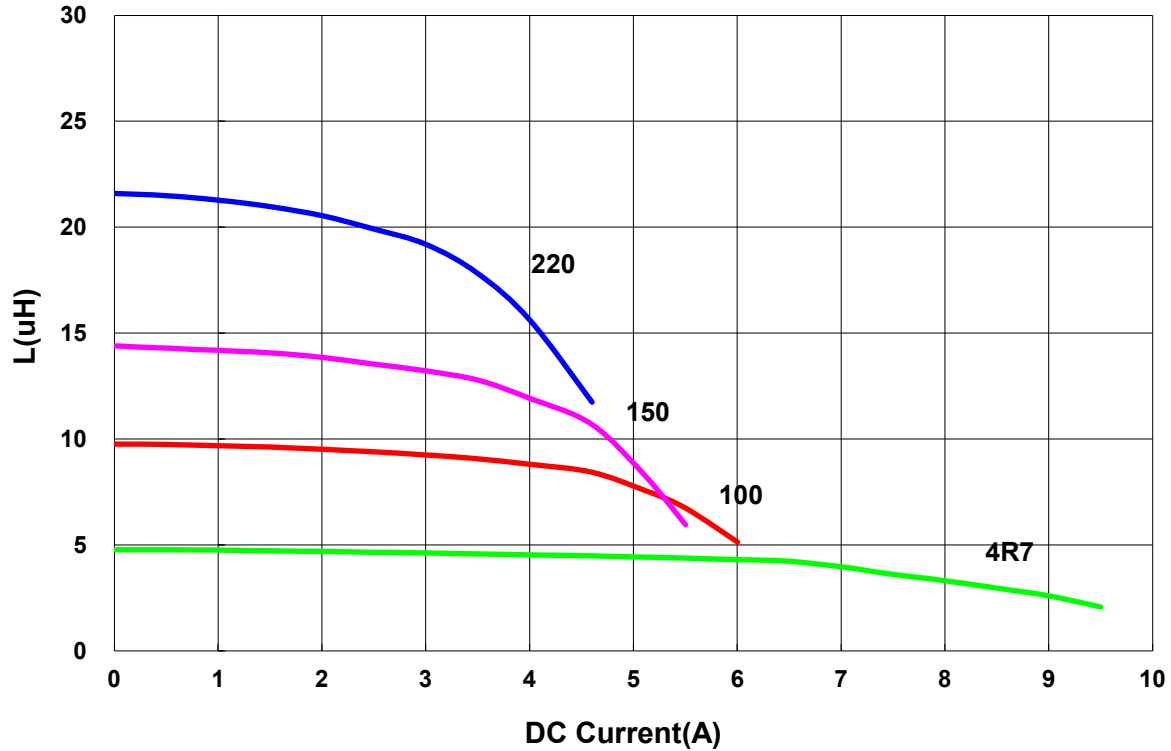
Isat: Agilent HP4284A

Irms: Agilent HP4284A

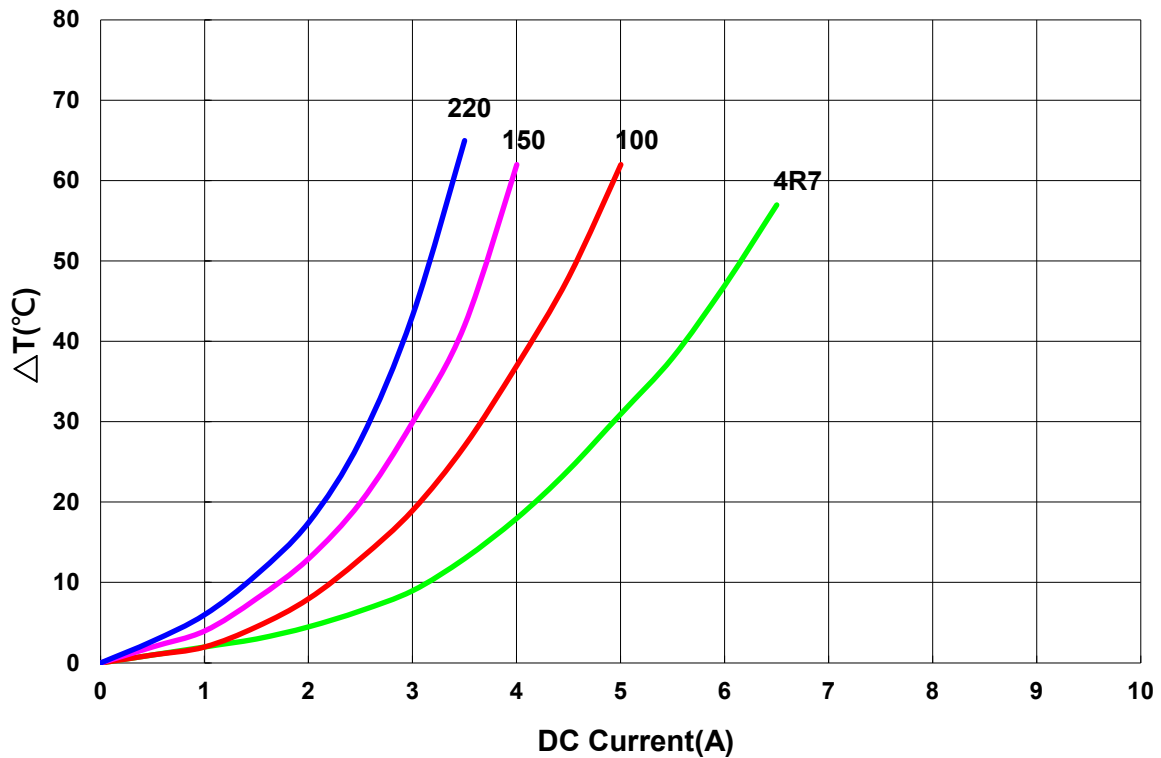
**AWVF00808040 Type**

**Characteristics Graph**

**Inductance vs. DC Current**



**Temperature Change vs. DC Current**

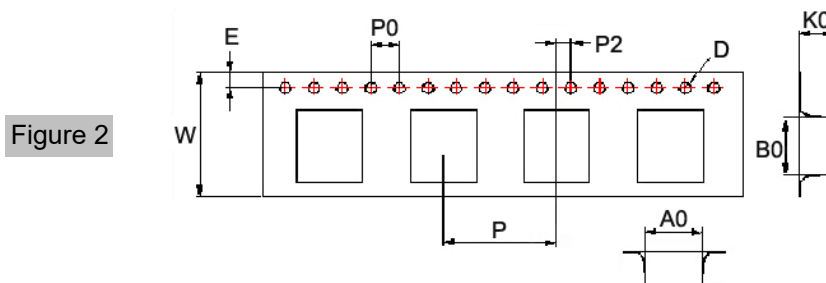
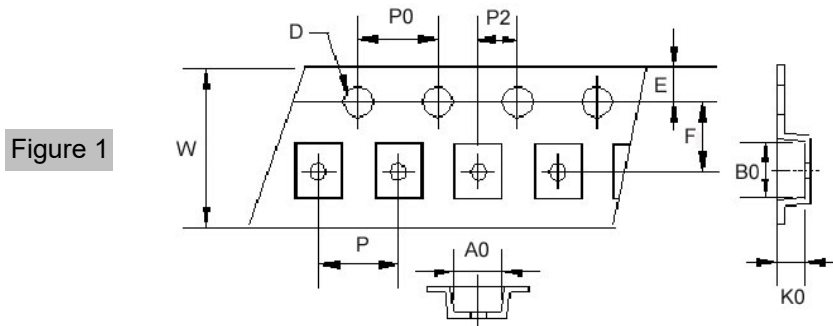


## Power Inductor AWVF Series

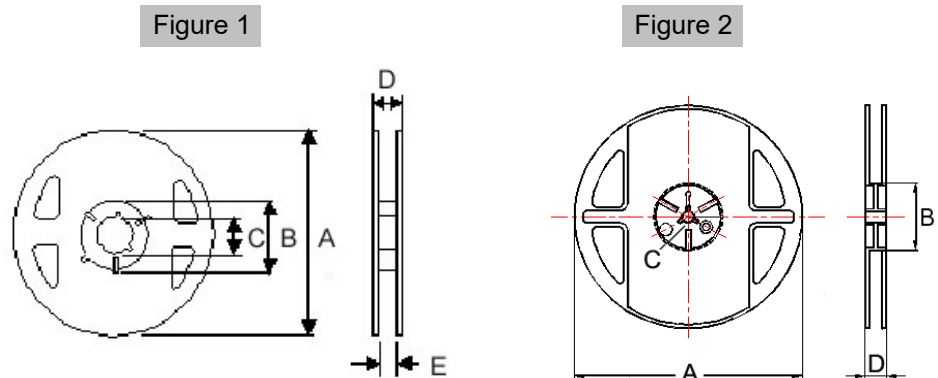
Automotive  
AEC-Q200

### ■ Packaging

#### Tape Dimensions



#### Reel Dimensions



#### Dimensions in mm

| TYPE         | Fig | Tape Dimensions |      |      |      |      |     |    |    |    |    | Reel Dimensions |     |    |      |     | Quantity<br>PCS / Reel |
|--------------|-----|-----------------|------|------|------|------|-----|----|----|----|----|-----------------|-----|----|------|-----|------------------------|
|              |     | A0              | B0   | K0   | D    | E    | F   | W  | P  | P0 | P2 | A               | B   | C  | D    | E   |                        |
| AWVF00201612 | 1   | 1.9             | 2.2  | 1.3  | 1.55 | 1.75 | 3.5 | 8  | 4  | 4  | 2  | 180             | 60  | 13 | 14.4 | 8.4 | 2000                   |
| AWVF00252010 | 1   | 2.4             | 2.7  | 1.15 | 1.55 | 1.75 | 3.5 | 8  | 4  | 4  | 2  | 180             | 60  | 13 | 14.4 | 8.4 | 2000                   |
| AWVF00252012 | 1   | 2.40            | 2.70 | 1.35 | 1.55 | 1.75 | 3.5 | 8  | 4  | 4  | 2  | 180             | 60  | 13 | 14.4 | 8.4 | 2000                   |
| AWVF00303010 | 1   | 3.2             | 3.2  | 1.4  | 1.55 | 1.75 | 3.5 | 8  | 4  | 4  | 2  | 180             | 60  | 13 | 14.4 | 8.4 | 2000                   |
| AWVF00303012 | 1   | 3.20            | 3.20 | 1.40 | 1.55 | 1.75 | 3.5 | 8  | 4  | 4  | 2  | 180             | 60  | 13 | 14.4 | 8.4 | 2000                   |
| AWVF00303015 | 1   | 3.15            | 3.15 | 1.60 | 1.55 | 1.75 | 3.5 | 8  | 4  | 4  | 2  | 180             | 60  | 13 | 14.4 | 8.4 | 2000                   |
| AWVF00404012 | 2   | 4.25            | 4.25 | 1.3  | 1.55 | 1.75 | 5.5 | 12 | 8  | 4  | 2  | 178             | 60  | 13 | 13.2 | -   | 1000                   |
| AWVF00404015 | 2   | 4.25            | 4.25 | 1.7  | 1.55 | 1.75 | 5.5 | 12 | 8  | 4  | 2  | 178             | 60  | 13 | 13.2 | -   | 1000                   |
| AWVF00404018 | 2   | 4.25            | 4.25 | 2.10 | 1.55 | 1.75 | 5.5 | 12 | 8  | 4  | 2  | 178             | 60  | 13 | 13.2 | -   | 800                    |
| AWVF00404026 | 2   | 4.25            | 4.25 | 3    | 1.55 | 1.75 | 5.5 | 12 | 8  | 4  | 2  | 178             | 60  | 13 | 13.2 | -   | 500                    |
| AWVF00505020 | 2   | 5.25            | 5.25 | 2.2  | 1.55 | 1.75 | 5.5 | 12 | 8  | 4  | 2  | 330             | 100 | 13 | 13.4 | -   | 2000                   |
| AWVF00606020 | 2   | 6.25            | 6.25 | 2.2  | 1.55 | 1.75 | 5.5 | 12 | 8  | 4  | 2  | 330             | 100 | 13 | 13.4 | -   | 2000                   |
| AWVF00606028 | 2   | 6.25            | 6.25 | 3.00 | 1.55 | 1.75 | 7.5 | 16 | 12 | 4  | 2  | 330             | 100 | 13 | 16   | -   | 1500                   |
| AWVF00808040 | 2   | 8.25            | 8.25 | 4.15 | 1.55 | 1.75 | 7.5 | 16 | 12 | 4  | 2  | 330             | 100 | 13 | 16   | -   | 1000                   |