

## BWVS Series



BWVS series, an automatic assembly constructed power inductor, is shielded with magnetic resin and suitable for the portable DC-DC converter applications.

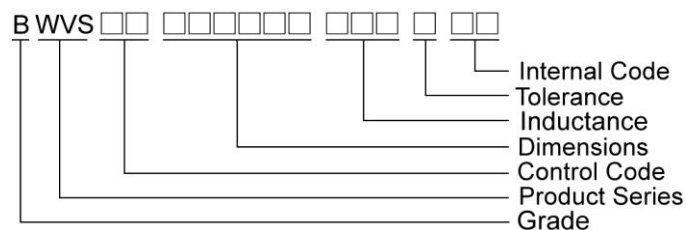
### Features

- RoHS, Halogen Free and REACH Compliance
- Shielded with magnetic resin
- Various package size and wide inductance range
- Optimize electrical characteristics by using different ferrite core figures

### Applications

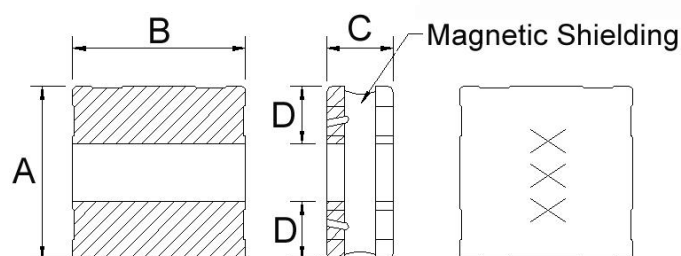
- AP Routers
- STBs
- LCD TVs, monitors and panels
- Game consoles
- DC/DC converters

### Product Identification

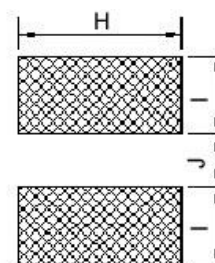


### Shape and Dimensions

Figure 1



### Recommended Pattern

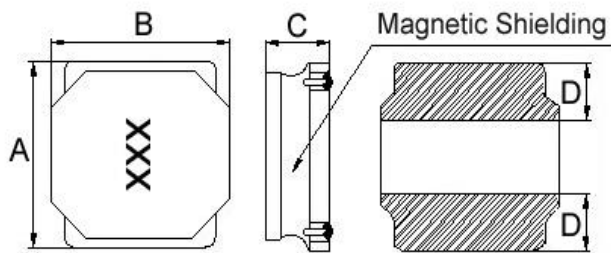


Dimensions in mm

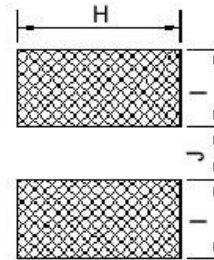
| TYPE         | FIG | A       | B       | C        | D   | H   | I   | J   |
|--------------|-----|---------|---------|----------|-----|-----|-----|-----|
| BWVS00322515 | 1   | 3.2±0.2 | 2.5±0.2 | 1.50±0.2 | 1.0 | 2.6 | 1.2 | 1.0 |
| BWVS00404012 | 1   | 4.0±0.2 | 4.0±0.2 | 1.20±0.1 | 1.5 | 4.2 | 1.5 | 1.2 |

## Shape and Dimensions

Figure 2



## Recommended Pattern

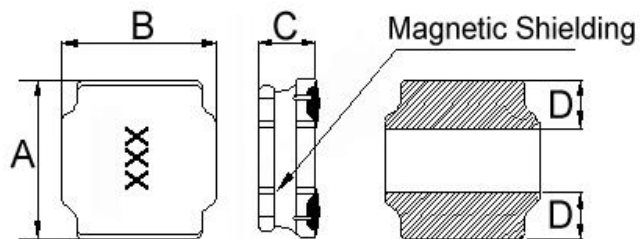


Dimensions in mm

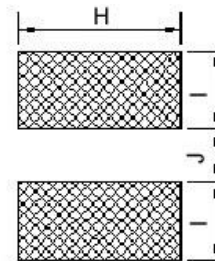
| TYPE         | FIG | A       | B       | C                                    | D       | H   | I   | J   |
|--------------|-----|---------|---------|--------------------------------------|---------|-----|-----|-----|
| BWVS00404018 | 2   | 4.0±0.2 | 4.0±0.2 | 1.8 <sup>+0.2</sup> <sub>-0.30</sub> | 1.3±0.3 | 3.7 | 1.2 | 1.6 |
| BWVS00404026 | 2   | 4.0±0.2 | 4.0±0.2 | 2.6±0.2                              | 1.4     | 3.7 | 1.2 | 1.6 |

## Shape and Dimensions

Figure 3



## Recommended Pattern



Dimensions in mm

| TYPE         | FIG | A       | B       | C                                    | D       | H   | I   | J   |
|--------------|-----|---------|---------|--------------------------------------|---------|-----|-----|-----|
| BWVS00505020 | 3   | 5.0±0.2 | 5.0±0.2 | 2.0 <sup>+0.2</sup> <sub>-0.30</sub> | 1.8±0.3 | 4.0 | 1.5 | 2.1 |
| BWVS00505040 | 3   | 5.0±0.2 | 5.0±0.2 | 4.0 <sup>+0.2</sup> <sub>-0.30</sub> | 1.6±0.3 | 4.0 | 1.5 | 2.1 |
| BWVS00606020 | 3   | 6.0±0.2 | 6.0±0.2 | 2.0 <sup>+0.2</sup> <sub>-0.30</sub> | 1.7±0.3 | 5.7 | 1.6 | 2.9 |
| BWVS00606028 | 3   | 6.0±0.2 | 6.0±0.2 | 2.8 <sup>+0.2</sup> <sub>-0.30</sub> | 1.9±0.3 | 5.7 | 1.6 | 2.9 |
| BWVS00606045 | 3   | 6.0±0.2 | 6.0±0.2 | 4.5 <sup>+0.2</sup> <sub>-0.30</sub> | 1.8±0.3 | 5.7 | 2.0 | 2.4 |
| BWVS00808040 | 3   | 8.0±0.2 | 8.0±0.2 | 4.0 <sup>+0.2</sup> <sub>-0.30</sub> | 2.3±0.3 | 7.5 | 2.5 | 3.4 |

## Sealed Power Inductors – BWVS Series

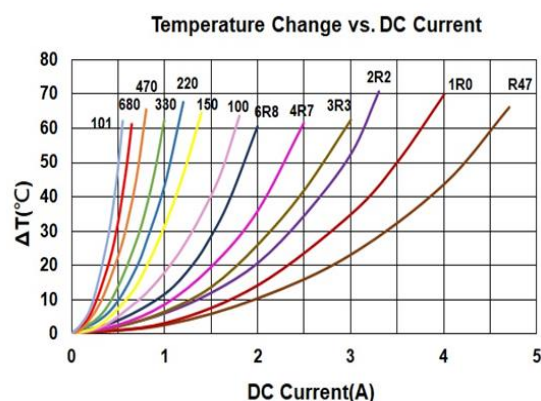
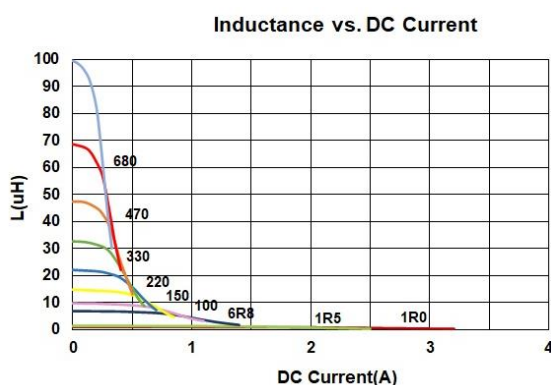
### Electrical Characteristics

| Part Number        | Inductance (uH) | Tolerance (±%) | Test Frequency (kHz) | RDC (mΩ) ±20% | Isat (A) Typ. (Max) | Irms (A) Typ. (Max) | SRF(MHz) Min. | Marking |
|--------------------|-----------------|----------------|----------------------|---------------|---------------------|---------------------|---------------|---------|
| BWVS00322515R22□00 | 0.22            | 20, 30         | 1MHz,1V              | 22            | 4.5(4.0)            | 4.2(3.7)            | 300           | R22     |
| BWVS00322515R47□00 | 0.47            | 20, 30         | 1MHz,1V              | 27            | 3.4(3.0)            | 3.8(3.4)            | 168           | R47     |
| BWVS003225151R0□00 | 1.0             | 20, 30         | 1MHz,1V              | 40            | 2.3(2.0)            | 3.2(2.8)            | 95            | 1R0     |
| BWVS003225151R5□00 | 1.5             | 20, 30         | 1MHz,1V              | 47            | 1.8(1.6)            | 3.0(2.7)            | 81            | 1R5     |
| BWVS003225152R2□00 | 2.2             | 20, 30         | 1MHz,1V              | 57            | 1.6(1.4)            | 2.8(2.5)            | 60            | 2R2     |
| BWVS003225153R3□00 | 3.3             | 20, 30         | 1MHz,1V              | 77            | 1.3(1.1)            | 2.4(2.1)            | 45            | 3R3     |
| BWVS003225154R7□00 | 4.7             | 20, 30         | 1MHz,1V              | 110           | 1.1(0.99)           | 2.0(1.8)            | 40            | 4R7     |
| BWVS003225156R8□00 | 6.8             | 20, 30         | 1MHz,1V              | 160           | 0.90(0.81)          | 1.7(1.5)            | 30            | 6R8     |
| BWVS00322515100□00 | 10              | 20, 30         | 1MHz,1V              | 220           | 0.78(0.70)          | 1.4(1.2)            | 25            | 100     |
| BWVS00322515150□00 | 15              | 20, 30         | 1MHz,1V              | 320           | 0.60(0.54)          | 1.1(0.99)           | 21            | 150     |
| BWVS00322515220□00 | 22              | 20, 30         | 1MHz,1V              | 470           | 0.50(0.45)          | 0.95(0.85)          | 17            | 220     |
| BWVS00322515330□00 | 33              | 20, 30         | 1MHz,1V              | 700           | 0.40(0.36)          | 0.80(0.72)          | 12            | 330     |
| BWVS00322515470□00 | 47              | 20, 30         | 1MHz,1V              | 1000          | 0.34(0.30)          | 0.65(0.58)          | 11            | 470     |
| BWVS00322515680□00 | 68              | 20, 30         | 1MHz,1V              | 1400          | 0.29(0.26)          | 0.53(0.47)          | 9.5           | 680     |
| BWVS00322515101□00 | 100             | 20, 30         | 1MHz,1V              | 1900          | 0.23(0.20)          | 0.43(0.38)          | 7.5           | 101     |
| BWVS00322515121□00 | 120             | 20, 30         | 1MHz,1V              | 2800          | 0.20(0.18)          | 0.36(0.32)          | 6.7           | 121     |
| BWVS00322515221□00 | 220             | 20, 30         | 1MHz,1V              | 4700          | 0.15(0.13)          | 0.26(0.23)          | 5.0           | 221     |
| BWVS00322515471□00 | 470             | 20, 30         | 1MHz,1V              | 10000         | 0.10(0.09)          | 0.17(0.15)          | 3.3           | 471     |
| BWVS00322515681□00 | 680             | 20, 30         | 1MHz,1V              | 15000         | 0.08(0.07)          | 0.14(0.12)          | 2.5           | 681     |
| BWVS00322515102□00 | 1000            | 20, 30         | 0.1MHz,1V            | 23000         | 0.06(0.05)          | 0.11(0.09)          | 2.0           | 102     |

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

- Operating temperature range – 55°C ~ 125°C (Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current
- Irms for a 40°C temperature rise from 25°C ambient with current
- Measure Equipment :  
 L : Agilent HP4285A+Agilent HP42841A, 100kHz 1V  
 RDC : DIGITAL MILLINHM METER CHROMA 16502, or equivalent  
 Isat & Irms : Agilent HP4285A+ Agilent HP42841A

### Test Instruments : HP4285A Material/Impedance Analyzer



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.

## Sealed Power Inductors – BWVS Series

### Electrical Characteristics

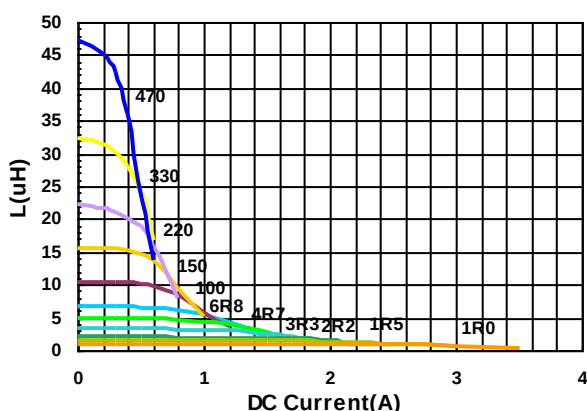
| Part Number        | Inductance (uH) | Tolerance (±%) | Test Frequency (kHz) | RDC (mΩ) ±30% | Isat (A) Typ. (Max) | Irms (A) Typ. (Max) | Marking |
|--------------------|-----------------|----------------|----------------------|---------------|---------------------|---------------------|---------|
| BWVS004040121R0□00 | 1.0             | 20, 30         | 100                  | 48            | 2.50(2.25)          | 1.70(1.53)          | 1R0     |
| BWVS004040121R5□00 | 1.5             | 20, 30         | 100                  | 58            | 2.10(1.89)          | 1.60(1.44)          | 1R5     |
| BWVS004040122R2□00 | 2.2             | 20, 30         | 100                  | 65            | 1.70(1.53)          | 1.50(1.35)          | 2R2     |
| BWVS004040123R3□00 | 3.3             | 20, 30         | 100                  | 90            | 1.30(1.17)          | 1.40(1.26)          | 3R3     |
| BWVS004040124R7□00 | 4.7             | 20, 30         | 100                  | 110           | 1.10(0.99)          | 1.20(1.08)          | 4R7     |
| BWVS004040126R8□00 | 6.8             | 20, 30         | 100                  | 135           | 0.90(0.81)          | 1.05(0.94)          | 6R8     |
| BWVS00404012100□00 | 10              | 20, 30         | 100                  | 190           | 0.78(0.70)          | 0.90(0.81)          | 100     |
| BWVS00404012150□00 | 15              | 20, 30         | 100                  | 250           | 0.65(0.58)          | 0.85(0.76)          | 150     |
| BWVS00404012220□00 | 22              | 20, 30         | 100                  | 400           | 0.52(0.46)          | 0.75(0.67)          | 220     |
| BWVS00404012330□00 | 33              | 20, 30         | 100                  | 600           | 0.44(0.39)          | 0.70(0.63)          | 330     |
| BWVS00404012470□00 | 47              | 20, 30         | 100                  | 930           | 0.35(0.31)          | 0.50(0.45)          | 470     |

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

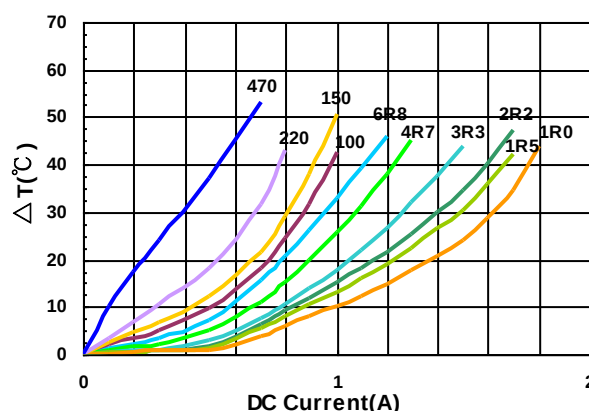
- Operating temperature range – 55°C ~ 125°C (Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current
- Irms for a 40°C temperature rise from 25°C ambient with current
- Measure Equipment :  
 L : Agilent HP4284A+Agilent HP42841A, 100kHz 1V  
 RDC : DIGITAL MILLINHM METER CHROMA 16502, or equivalent  
 Isat & Irms : Agilent HP4284A

**Test Instruments : HP4284A Material/Impedance Analyzer**

**Inductance vs. DC Current**



**Temperature Change vs. DC Current**



## Sealed Power Inductors – BWVS Series

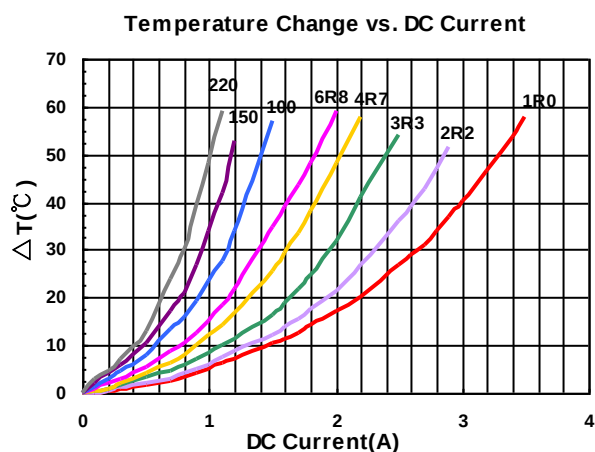
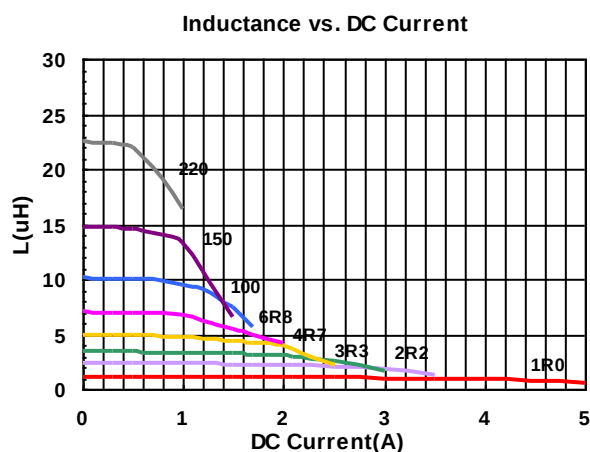
### Electrical Characteristics

| Part Number        | Inductance (uH) | Tolerance (±%) | Test Frequency (kHz) | RDC (mΩ) ±20% | Isat (A) Typ. (Max) | Irms (A) Typ. (Max) | Marking |
|--------------------|-----------------|----------------|----------------------|---------------|---------------------|---------------------|---------|
| BWVS004040181R0□00 | 1.0             | 20, 30         | 100                  | 32            | 4.10(3.69)          | 2.80(2.52)          | 1R0     |
| BWVS004040181R5□00 | 1.5             | 20, 30         | 100                  | 40            | 3.30(2.97)          | 2.60(2.34)          | 1R5     |
| BWVS004040181R8□00 | 1.8             | 20, 30         | 100                  | 55            | 2.80(2.50)          | 2.50(2.20)          | 1R8     |
| BWVS004040182R2□00 | 2.2             | 20, 30         | 100                  | 60            | 2.80(2.52)          | 2.50(2.25)          | 2R2     |
| BWVS004040183R3□00 | 3.3             | 20, 30         | 100                  | 70            | 2.20(1.98)          | 2.10(1.89)          | 3R3     |
| BWVS004040183R6□00 | 3.6             | 20, 30         | 100                  | 75            | 2.10(1.89)          | 1.90(1.71)          | 3R6     |
| BWVS004040183R9□00 | 3.9             | 20, 30         | 100                  | 75            | 2.10(1.89)          | 1.90(1.71)          | 3R9     |
| BWVS004040184R7□00 | 4.7             | 20, 30         | 100                  | 90            | 2.00(1.80)          | 1.70(1.53)          | 4R7     |
| BWVS004040186R8□00 | 6.8             | 20, 30         | 100                  | 110           | 1.60(1.44)          | 1.50(1.35)          | 6R8     |
| BWVS004040188R2□00 | 8.2             | 20, 30         | 100                  | 155           | 1.50(1.30)          | 1.30(1.10)          | 8R2     |
| BWVS00404018100□00 | 10              | 20, 30         | 100                  | 170           | 1.40(1.26)          | 1.20(1.08)          | 100     |
| BWVS00404018150□00 | 15              | 20, 30         | 100                  | 250           | 1.00(0.90)          | 1.00(0.90)          | 150     |
| BWVS00404018220□00 | 22              | 20, 30         | 100                  | 350           | 0.90(0.81)          | 0.85(0.76)          | 220     |
| BWVS00404018330□00 | 33              | 20, 30         | 100                  | 530           | 0.80(0.72)          | 0.70(0.63)          | 330     |
| BWVS00404018470□00 | 47              | 20, 30         | 100                  | 720           | 0.70(0.63)          | 0.56(0.50)          | 470     |
| BWVS00404018680□00 | 68              | 20, 30         | 100                  | 1000          | 0.56(0.50)          | 0.45(0.40)          | 680     |
| BWVS00404018101□00 | 100             | 20, 30         | 100                  | 1500          | 0.46(0.41)          | 0.38(0.34)          | 101     |
| BWVS00404018121□00 | 120             | 20, 30         | 100                  | 1600          | 0.38(0.34)          | 0.36(0.32)          | 121     |
| BWVS00404018151□00 | 150             | 20, 30         | 100                  | 2500          | 0.35(0.31)          | 0.30(0.27)          | 151     |
| BWVS00404018221□00 | 220             | 20, 30         | 100                  | 4000          | 0.28(0.25)          | 0.23(0.20)          | 221     |

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

- Operating temperature range—55℃～125℃ (Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current
- I rms for a 40℃ temperature rise from 25℃ ambient with current
- Measure Equipment :  
 L : Agilent HP4284A+Agilent HP42841A, 100kHz 1V  
 RDC : DIGITAL MILLINHM METER CHROMA 16502, or equivalent  
 Isat & I rms : Agilent HP4284A

**Test Instruments :** HP4284A Material/Impedance Analyzer



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.

## Sealed Power Inductors – BWVS Series

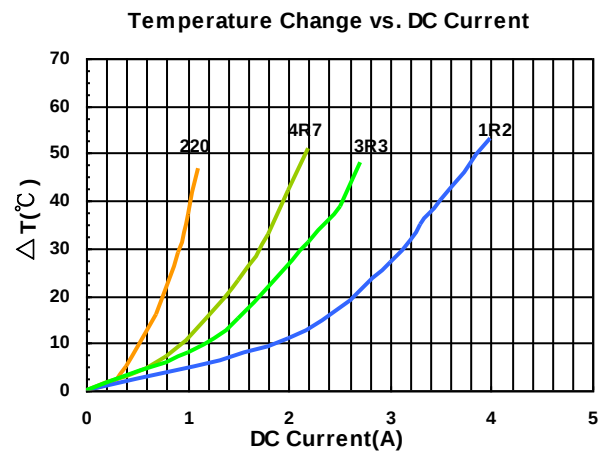
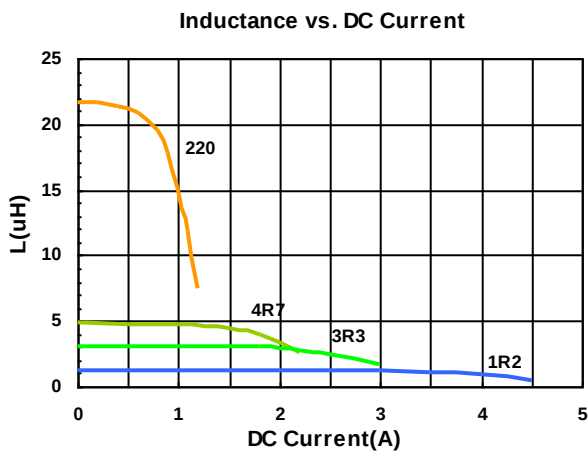
### Electrical Characteristics

| Part Number        | Inductance (uH) | Tolerance (±%) | Test Frequency (kHz) | RDC (mΩ) ±30% | Isat (A) Typ. (Max) | Irms (A) Typ. (Max) | Marking |
|--------------------|-----------------|----------------|----------------------|---------------|---------------------|---------------------|---------|
| BWVS004040261R2□00 | 1.2             | 20, 30         | 100                  | 30            | 3.50(3.15)          | 3.30(2.97)          | 1R2     |
| BWVS004040263R3□00 | 3.3             | 20, 30         | 100                  | 45            | 2.50(2.25)          | 2.50(2.25)          | 3R3     |
| BWVS004040264R7□00 | 4.7             | 20, 30         | 100                  | 60            | 1.80(1.62)          | 1.80(1.62)          | 4R7     |
| BWVS00404026220□00 | 22              | 20, 30         | 100                  | 230           | 0.86(0.77)          | 1.00(0.90)          | 220     |

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

- Operating temperature range –55°C ~ 125°C (Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current
- I rms for a 40°C temperature rise from 25°C ambient with current
- Measure Equipment :  
 L : Agilent HP4284A+Agilent HP42841A, 100kHz 1V  
 RDC : DIGITAL MILLINHM METER CHROMA 16502, or equivalent  
 Isat & I rms : Agilent HP4284A

**Test Instruments :** HP4284A Material/Impedance Analyzer



## Sealed Power Inductors – BWVS Series

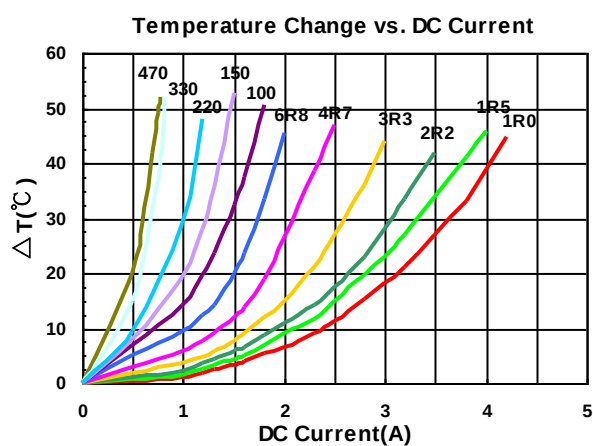
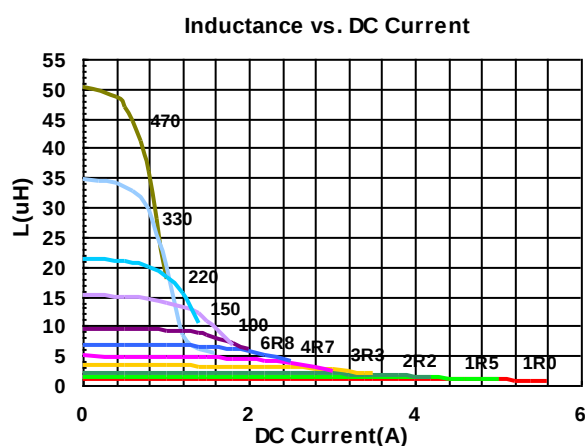
### Electrical Characteristics

| Part Number        | Inductance (uH) | Tolerance (±%) | Test Frequency (kHz) | RDC (mΩ) ±20% | Isat (A) Typ. (Max) | Irms (A) Typ. (Max) | Marking |
|--------------------|-----------------|----------------|----------------------|---------------|---------------------|---------------------|---------|
| BWVS005050201R0□00 | 1.0             | 20, 30         | 100                  | 21            | 5.1(4.59)           | 4.0(3.60)           | 1R0     |
| BWVS005050201R2□00 | 1.2             | 30             | 100                  | 21            | 4.8(4.32)           | 3.8(3.42)           | 1R2     |
| BWVS005050201R5□00 | 1.5             | 20, 30         | 100                  | 26            | 4.2(3.78)           | 3.5(3.15)           | 1R5     |
| BWVS005050202R2□00 | 2.2             | 20, 30         | 100                  | 35            | 3.4(3.06)           | 3.2(2.88)           | 2R2     |
| BWVS005050202R7□00 | 2.7             | 20, 30         | 100                  | 38            | 3.05(2.7)           | 2.9(2.60)           | 2R7     |
| BWVS005050203R3□00 | 3.3             | 20, 30         | 100                  | 48            | 3.0(2.70)           | 2.8(2.52)           | 3R3     |
| BWVS005050204R7□00 | 4.7             | 20, 30         | 100                  | 60            | 2.2(1.98)           | 2.2(1.98)           | 4R7     |
| BWVS005050205R6□00 | 5.6             | 20, 30         | 100                  | 82            | 2.05(1.84)          | 2.0(1.80)           | 5R6     |
| BWVS005050206R8□00 | 6.8             | 20, 30         | 100                  | 90            | 2.0(1.80)           | 1.8(1.62)           | 6R8     |
| BWVS00505020100□00 | 10              | 20, 30         | 100                  | 120           | 1.6(1.44)           | 1.6(1.44)           | 100     |
| BWVS00505020150□00 | 15              | 20, 30         | 100                  | 190           | 1.3(1.17)           | 1.2(1.08)           | 150     |
| BWVS00505020220□00 | 22              | 20, 30         | 100                  | 260           | 1.0(0.90)           | 1.0(0.90)           | 220     |
| BWVS00505020330□00 | 33              | 20, 30         | 100                  | 460           | 0.8(0.72)           | 0.75(0.67)          | 330     |
| BWVS00505020470□00 | 47              | 20, 30         | 100                  | 580           | 0.65(0.58)          | 0.65(0.58)          | 470     |

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

- Operating temperature range – 55°C ~ 125°C (Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current
- I rms for a 40°C temperature rise from 25°C ambient with current
- Measure Equipment :  
 L : Agilent HP4284A+Agilent HP42841A, 100kHz 1V  
 RDC : DIGITAL MILLINHM METER CHROMA 16502, or equivalent  
 Isat & I rms : Agilent HP4284A

### Test Instruments : HP4284A Material/Impedance Analyzer



## Sealed Power Inductors – BWVS Series

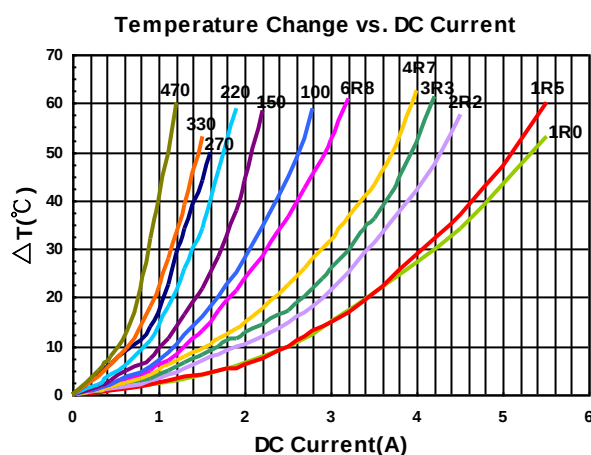
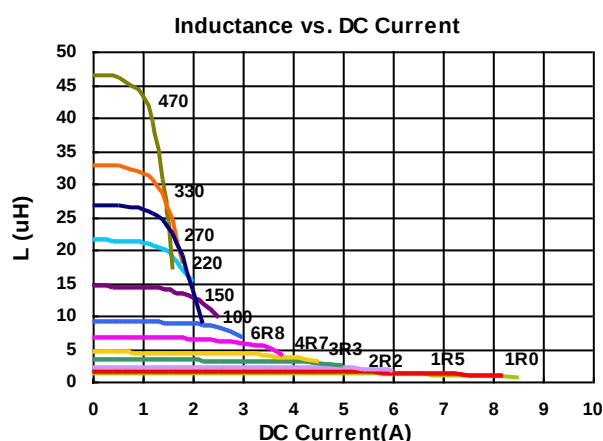
### Electrical Characteristics

| Part Number        | Inductance (uH) | Tolerance (±%) | Test Frequency (kHz) | RDC (mΩ) ±30% | Isat (A) Typ. (Max) | Irms (A) Typ. (Max) | Marking |
|--------------------|-----------------|----------------|----------------------|---------------|---------------------|---------------------|---------|
| BWVS00505040R68□00 | 0.68            | 20, 30         | 100                  | 10            | 8.4(7.50)           | 5.6(5.00)           | R68     |
| BWVS005050401R0□00 | 1.0             | 20, 30         | 100                  | 14            | 7.5(6.75)           | 4.6(4.14)           | 1R0     |
| BWVS005050401R2□00 | 1.2             | 20, 30         | 100                  | 15            | 7.4(6.66)           | 4.5(4.05)           | 1R2     |
| BWVS005050401R5□00 | 1.5             | 20, 30         | 100                  | 16            | 7.1(6.39)           | 4.4(3.96)           | 1R5     |
| BWVS005050402R2□00 | 2.2             | 20, 30         | 100                  | 21            | 5.7(5.13)           | 3.7(3.33)           | 2R2     |
| BWVS005050403R0□00 | 2.2             | 20, 30         | 100                  | 26            | 4.8(4.32)           | 3.5(3.15)           | 3R0     |
| BWVS005050403R3□00 | 3.3             | 20, 30         | 100                  | 26            | 4.8(4.32)           | 3.5(3.15)           | 3R3     |
| BWVS005050403R6□00 | 3.6             | 20, 30         | 100                  | 31            | 4.2(3.70)           | 3.3(2.90)           | 3R6     |
| BWVS005050404R7□00 | 4.7             | 20, 30         | 100                  | 32            | 4.2(3.78)           | 3.2(2.88)           | 4R7     |
| BWVS005050405R6□00 | 5.6             | 20, 30         | 100                  | 42            | 3.7(3.30)           | 2.8(2.50)           | 5R6     |
| BWVS005050406R8□00 | 6.8             | 20, 30         | 100                  | 50            | 3.3(2.97)           | 2.4(2.16)           | 6R8     |
| BWVS00505040100□00 | 10              | 20, 30         | 100                  | 60            | 2.8(2.52)           | 2.2(1.98)           | 100     |
| BWVS00505040150□00 | 15              | 20, 30         | 100                  | 90            | 2.3(2.07)           | 1.8(1.62)           | 150     |
| BWVS00505040220□00 | 22              | 20, 30         | 100                  | 135           | 1.8(1.62)           | 1.4(1.26)           | 220     |
| BWVS00505040270□00 | 27              | 20, 30         | 100                  | 180           | 1.6(1.44)           | 1.2(1.08)           | 270     |
| BWVS00505040330□00 | 33              | 20, 30         | 100                  | 190           | 1.5(1.35)           | 1.1(0.99)           | 330     |
| BWVS00505040470□00 | 47              | 20, 30         | 100                  | 310           | 1.2(1.08)           | 0.9(0.81)           | 470     |
| BWVS00505040680□00 | 68              | 20, 30         | 100                  | 540           | 1.0(0.90)           | 0.78(0.7)           | 680     |
| BWVS00505040101□00 | 100             | 20, 30         | 100                  | 800           | 0.7(0.60)           | 0.6(0.50)           | 101     |

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

- Operating temperature range – 55°C ~ 125°C (Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current
- Irms for a 40°C temperature rise from 25°C ambient with current
- Measure Equipment :
  - L : Agilent HP4284A+Agilent HP42841A, 100kHz 1V
  - RDC : DIGITAL MILLINHM METER CHROMA 16502, or equivalent
  - Isat & Irms : Agilent HP4284A

### Test Instruments : HP4284A Material/Impedance Analyzer



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.

## Sealed Power Inductors – BWVS Series

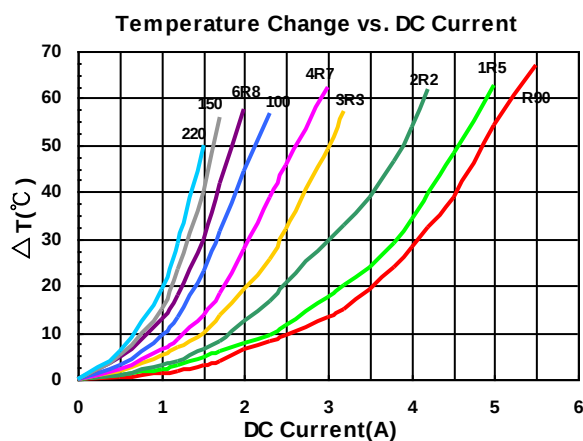
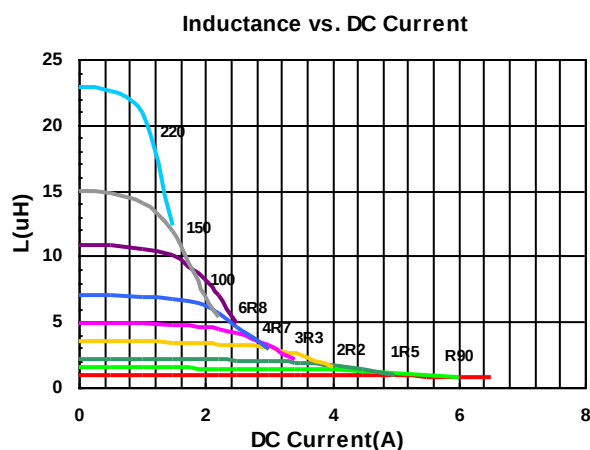
### Electrical Characteristics

| Part Number        | Inductance (uH) | Tolerance (±%) | Test Frequency (kHz) | RDC (mΩ) ±30% | Isat (A) Typ. (Max) | Irms (A) Typ. (Max) | Marking |
|--------------------|-----------------|----------------|----------------------|---------------|---------------------|---------------------|---------|
| BWVS00606020R50□00 | 0.5             | 30             | 100                  | 13            | 8.0(7.20)           | 5.3(4.77)           | R50     |
| BWVS00606020R90□00 | 0.9             | 30             | 100                  | 18            | 6.3(5.67)           | 4.2(3.78)           | R90     |
| BWVS006060201R0□00 | 1.0             | 30             | 100                  | 19            | 6.2(5.58)           | 4.1(3.69)           | 1R0     |
| BWVS006060201R5□00 | 1.5             | 20, 30         | 100                  | 26            | 5.0(4.50)           | 3.6(3.24)           | 1R5     |
| BWVS006060202R2□00 | 2.2             | 20, 30         | 100                  | 34            | 4.2(3.78)           | 3.2(2.88)           | 2R2     |
| BWVS006060203R3□00 | 3.3             | 20, 30         | 100                  | 40            | 3.2(2.88)           | 2.7(2.43)           | 3R3     |
| BWVS006060204R7□00 | 4.7             | 20, 30         | 100                  | 58            | 2.5(2.25)           | 2.2(1.98)           | 4R7     |
| BWVS006060206R8□00 | 6.8             | 20, 30         | 100                  | 85            | 2.2(1.98)           | 1.8(1.62)           | 6R8     |
| BWVS00606020100□00 | 10              | 20, 30         | 100                  | 125           | 2.0(1.80)           | 1.6(1.44)           | 100     |
| BWVS00606020150□00 | 15              | 20, 30         | 100                  | 190           | 1.3(1.17)           | 1.3(1.17)           | 150     |
| BWVS00606020220□00 | 22              | 20, 30         | 100                  | 260           | 1.1(0.99)           | 1.1(0.99)           | 220     |

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

- Operating temperature range – 55°C ~ 125°C (Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current
- Irms for a 40°C temperature rise from 25°C ambient with current
- Measure Equipment :  
 L : Agilent HP4284A+Agilent HP42841A, 100kHz 1V  
 RDC : DIGITAL MILLINHM METER CHROMA 16502, or equivalent  
 Isat & Irms : Agilent HP4284A

### Test Instruments : HP4284A Material/Impedance Analyzer



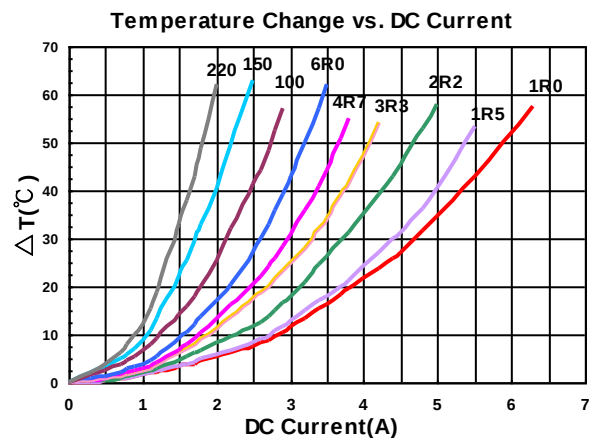
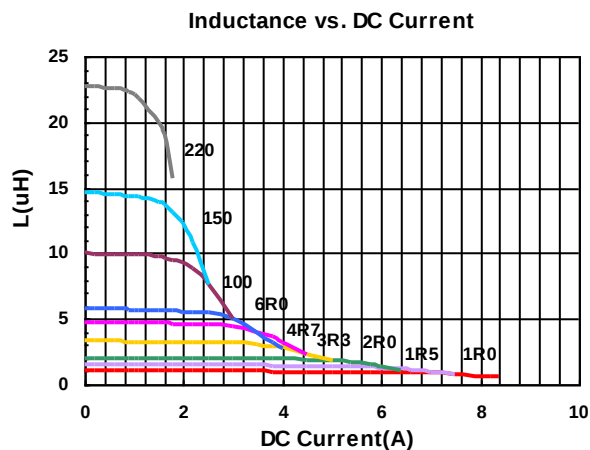
## Electrical Characteristics

| Part Number        | Inductance (uH) | Tolerance (±%) | Test Frequency (kHz) | RDC (mΩ) ±30% | Isat (A) Typ. (Max) | Irms (A) Typ. (Max) | Marking |
|--------------------|-----------------|----------------|----------------------|---------------|---------------------|---------------------|---------|
| BWVS006060281R0□00 | 1.0             | 20, 30         | 100                  | 13            | 7.6(6.84)           | 5.2(4.68)           | 1R0     |
| BWVS006060281R5□00 | 1.5             | 20, 30         | 100                  | 16            | 6.3(5.67)           | 4.8(4.32)           | 1R5     |
| BWVS006060282R2□00 | 2.2             | 20, 30         | 100                  | 20            | 5.4(4.86)           | 4.0(3.60)           | 2R2     |
| BWVS006060282R7□00 | 2.7             | 20, 30         | 100                  | 26            | 4.9(4.41)           | 3.7(3.33)           | 2R7     |
| BWVS006060283R3□00 | 3.3             | 20, 30         | 100                  | 28            | 4.3(3.87)           | 3.5(3.15)           | 3R3     |
| BWVS006060284R7□00 | 4.7             | 20, 30         | 100                  | 38            | 3.7(3.33)           | 3.2(2.88)           | 4R7     |
| BWVS006060286R0□00 | 6.0             | 20, 30         | 100                  | 45            | 3.3(2.97)           | 2.8(2.52)           | 6R0     |
| BWVS006060286R8□00 | 6.8             | 20, 30         | 100                  | 50            | 3.1(2.79)           | 2.7(2.43)           | 6R8     |
| BWVS00606028100□00 | 10              | 20, 30         | 100                  | 65            | 2.5(2.25)           | 2.3(2.07)           | 100     |
| BWVS00606028150□00 | 15              | 20, 30         | 100                  | 95            | 2.0(1.80)           | 1.8(1.62)           | 150     |
| BWVS00606028220□00 | 22              | 20, 30         | 100                  | 135           | 1.6(1.44)           | 1.5(1.35)           | 220     |
| BWVS00606028330□00 | 33              | 20, 30         | 100                  | 220           | 1.3(1.17)           | 1.4(1.26)           | 330     |
| BWVS00606028470□00 | 47              | 20, 30         | 100                  | 320           | 1.1(0.99)           | 1.0(0.90)           | 470     |
| BWVS00606028680□00 | 68              | 20, 30         | 100                  | 420           | 0.98(0.88)          | 0.9(0.81)           | 680     |
| BWVS00606028101□00 | 100             | 20, 30         | 100                  | 600           | 0.82(0.73)          | 0.8(0.72)           | 101     |

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

- Operating temperature range – 55°C ~ 125°C (Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current
- Irms for a 40°C temperature rise from 25°C ambient with current
- Measure Equipment :  
 L : Agilent HP4284A+Agilent HP42841A, 100kHz 1V  
 RDC : DIGITAL MILLINHM METER CHROMA 16502, or equivalent  
 Isat & Irms : Agilent HP4284A

## Test Instruments : HP4284A Material/Impedance Analyzer



## Sealed Power Inductors - BWVS Series

### Electrical Characteristics

| Part Number        | Inductance<br>(uH) | Tolerance<br>(±%) | Test<br>Frequency<br>(kHz) | RDC<br>(mΩ) ±30% | Isat (A)<br>Typ. (Max) | Irms (A)<br>Typ. (Max) | Marking |
|--------------------|--------------------|-------------------|----------------------------|------------------|------------------------|------------------------|---------|
| BWVS006060451R0□00 | 1.0                | 20, 30            | 100                        | 12               | 12.2(10.98)            | 6.5(5.85)              | 1R0     |
| BWVS006060451R2□00 | 1.2                | 20, 30            | 100                        | 13               | 10.6(9.50)             | 5.9(5.30)              | 1R2     |
| BWVS006060451R5□00 | 1.5                | 20, 30            | 100                        | 15               | 10.4(9.36)             | 5.9(5.31)              | 1R5     |
| BWVS006060451R8□00 | 1.8                | 20, 30            | 100                        | 17               | 9.6(8.64)              | 5.6(5.04)              | 1R8     |
| BWVS006060452R2□00 | 2.2                | 20, 30            | 100                        | 18.4             | 8.8(7.92)              | 5.1(4.59)              | 2R2     |
| BWVS006060452R3□00 | 2.3                | 20, 30            | 100                        | 19               | 8.8(7.92)              | 5.0(4.50)              | 2R3     |
| BWVS006060453R0□00 | 3.0                | 20, 30            | 100                        | 22               | 7.8(7.02)              | 4.4(3.96)              | 3R0     |
| BWVS006060453R3□00 | 3.3                | 20, 30            | 100                        | 24               | 7.5(6.75)              | 4.3(3.87)              | 3R3     |
| BWVS006060453R6□00 | 3.6                | 20, 30            | 100                        | 24               | 7.5(6.75)              | 4.3(3.87)              | 3R6     |
| BWVS006060453R9□00 | 3.9                | 20, 30            | 100                        | 26               | 7.0(6.30)              | 4.0(3.60)              | 3R9     |
| BWVS006060454R5□00 | 4.5                | 20, 30            | 100                        | 31               | 6.7(6.03)              | 3.9(3.51)              | 4R5     |
| BWVS006060454R7□00 | 4.7                | 20, 30            | 100                        | 31               | 6.7(6.03)              | 3.9(3.51)              | 4R7     |
| BWVS006060455R1□00 | 5.1                | 20, 30            | 100                        | 33               | 6.0(5.40)              | 3.5(3.15)              | 5R1     |
| BWVS006060455R6□00 | 5.6                | 20, 30            | 100                        | 40               | 5.5(4.95)              | 3.3(2.97)              | 5R6     |
| BWVS006060456R3□00 | 6.3                | 20, 30            | 100                        | 40               | 5.5(4.95)              | 3.3(2.97)              | 6R3     |
| BWVS006060456R8□00 | 6.8                | 20, 30            | 100                        | 43               | 5.3(4.77)              | 3.2(2.88)              | 6R8     |
| BWVS006060458R2□00 | 8.2                | 20, 30            | 100                        | 53               | 4.6(4.10)              | 2.9(2.60)              | 8R2     |
| BWVS00606045100□00 | 10                 | 20, 30            | 100                        | 57               | 4.5(4.05)              | 2.7(2.43)              | 100     |
| BWVS00606045150□00 | 15                 | 20, 30            | 100                        | 80               | 3.4(3.06)              | 2.2(1.98)              | 150     |
| BWVS00606045180□00 | 18                 | 20, 30            | 100                        | 100              | 3.1(2.79)              | 1.8(1.62)              | 180     |
| BWVS00606045220□00 | 22                 | 20, 30            | 100                        | 125              | 3.0(2.70)              | 1.9(1.71)              | 220     |
| BWVS00606045270□00 | 27                 | 20, 30            | 100                        | 160              | 2.5(2.25)              | 1.3(1.17)              | 270     |
| BWVS00606045330□00 | 33                 | 20, 30            | 100                        | 165              | 2.3(2.07)              | 1.4(1.26)              | 330     |
| BWVS00606045470□00 | 47                 | 20, 30            | 100                        | 245              | 1.9(1.71)              | 1.2(1.08)              | 470     |
| BWVS00606045560□00 | 56                 | 20, 30            | 100                        | 310              | 1.7(1.50)              | 1.1(0.99)              | 560     |
| BWVS00606045680□00 | 68                 | 20, 30            | 100                        | 330              | 1.6(1.44)              | 1.0(0.90)              | 680     |
| BWVS00606045101□00 | 100                | 20, 30            | 100                        | 500              | 1.3(1.17)              | 0.8(0.72)              | 101     |
| BWVS00606045181□00 | 180                | 20, 30            | 100                        | 1280             | 0.95(0.85)             | 0.50(0.45)             | 181     |
| BWVS00606045221□00 | 220                | 20, 30            | 100                        | 1300             | 0.82(0.73)             | 0.38(0.34)             | 221     |
| BWVS00606045331□00 | 330                | 20, 30            | 100                        | 1800             | 0.70(0.63)             | 0.35(0.31)             | 331     |
| BWVS00606045471□00 | 470                | 20, 30            | 100                        | 2900             | 0.52(0.46)             | 0.32(0.28)             | 471     |
| BWVS00606045561□00 | 560                | 20, 30            | 100                        | 4300             | 0.57(0.51)             | 0.29(0.26)             | 561     |
| BWVS00606045681□00 | 680                | 20, 30            | 100                        | 5000             | 0.46(0.41)             | 0.26(0.23)             | 681     |
| BWVS00606045102□00 | 1000               | 20, 30            | 100                        | 6000             | 0.40(0.36)             | 0.22(0.19)             | 102     |

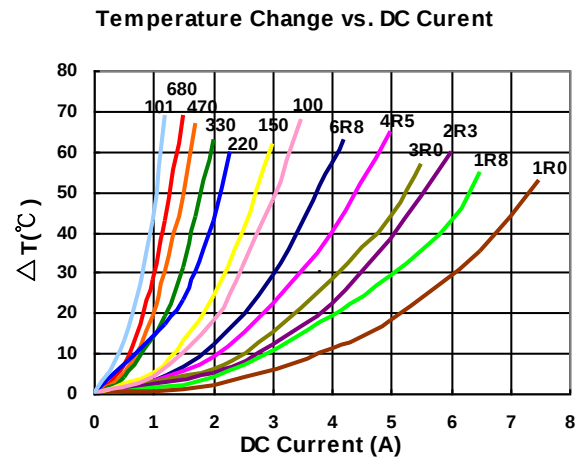
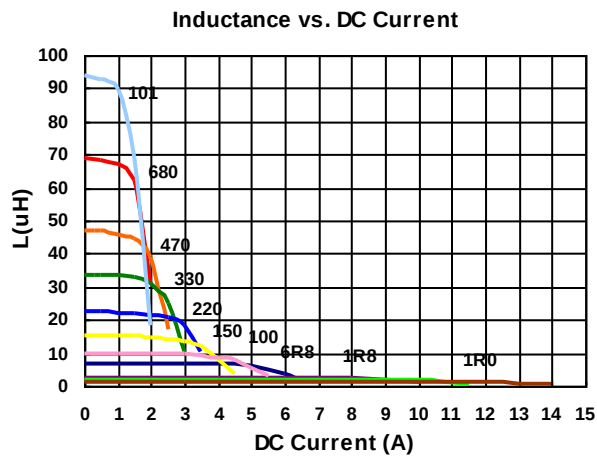
**Note: When ordering, please specify tolerance code. Tolerance: M=±20% , T =±30%**

- Operating temperature range — 55℃ ~ 125℃ (Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current
- Irms for a 40℃ temperature rise from 25℃ ambient with current
- Measure Equipment :  
 L : Agilent HP4284A+Agilent HP42841A, 100kHz 1V  
 RDC : DIGITAL MILLINHM METER CHROMA 16502, or equivalent  
 Isat & Irms : Agilent HP4284A

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.

## Sealed Power Inductors - BWVS Series

Test Instruments : HP4284A Material/Impedance Analyzer



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.

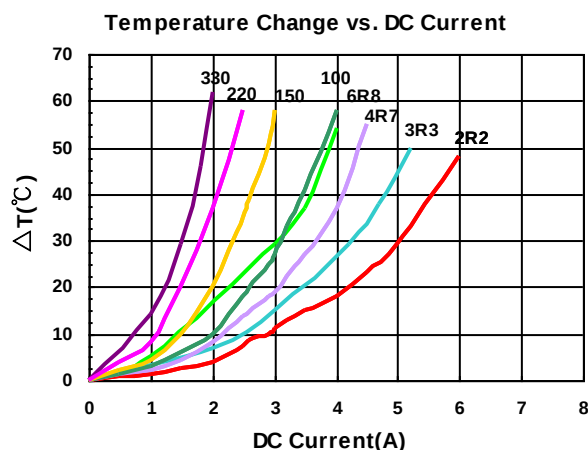
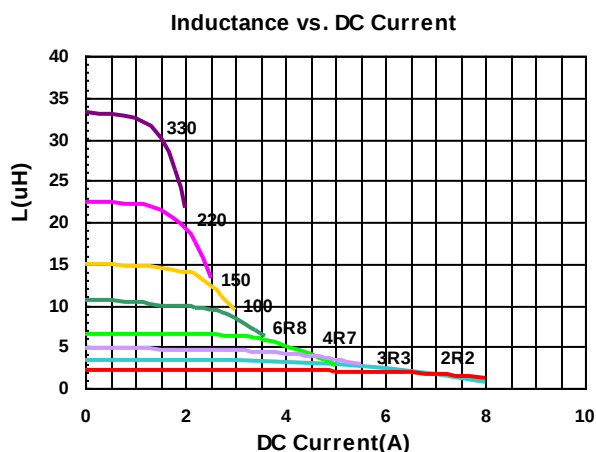
## Electrical Characteristics

| Part Number        | Inductance (uH) | Tolerance (±%) | Test Frequency (kHz) | RDC (mΩ) Max | Isat (A) Typ. (Max) | Irms (A) Typ. (Max) | Marking |
|--------------------|-----------------|----------------|----------------------|--------------|---------------------|---------------------|---------|
| BWVS00606045R47□L1 | 0.47            | 30             | 100                  | 7.8          | 14.0(12.0)          | 8.00(7.20)          | R47     |
| BWVS00606045R50□L1 | 0.50            | 30             | 100                  | 9            | 11.0(9.90)          | 8.00(7.20)          | R50     |
| BWVS00606045R68□L1 | 0.68            | 20, 30         | 100                  | 10           | 10.0(9.00)          | 7.20(6.48)          | R68     |
| BWVS006060452R2□L1 | 2.2             | 20, 30         | 100                  | 17           | 6.80(6.12)          | 5.50(4.95)          | 2R2     |
| BWVS006060453R3□L1 | 3.3             | 20, 30         | 100                  | 24           | 5.50(4.95)          | 4.70(4.23)          | 3R3     |
| BWVS006060454R7□L1 | 4.7             | 20, 30         | 100                  | 30           | 4.60(4.14)          | 4.00(3.60)          | 4R7     |
| BWVS006060456R8□L1 | 6.8             | 20, 30         | 100                  | 40           | 4.00(3.60)          | 3.50(3.15)          | 6R8     |
| BWVS00606045100□L1 | 10              | 20, 30         | 100                  | 50           | 3.20(2.88)          | 3.20(2.88)          | 100     |
| BWVS00606045150□L1 | 15              | 20, 30         | 100                  | 80           | 2.60(2.34)          | 2.50(2.25)          | 150     |
| BWVS00606045220□L1 | 22              | 20, 30         | 100                  | 120          | 2.10(1.89)          | 2.00(1.80)          | 220     |
| BWVS00606045330□L1 | 33              | 20, 30         | 100                  | 170          | 1.70(1.53)          | 1.60(1.44)          | 330     |
| BWVS00606045101□L1 | 100             | 20, 30         | 100                  | 595          | 0.95(0.85)          | 0.92(0.82)          | 101     |
| BWVS00606045151□L1 | 150             | 20, 30         | 100                  | 800          | 0.88(0.79)          | 0.82(0.73)          | 151     |
| BWVS00606045221□L1 | 220             | 20, 30         | 100                  | 1300         | 0.75(0.67)          | 0.65(0.58)          | 221     |
| BWVS00606045681□L1 | 680             | 20, 30         | 100                  | 3300         | 0.46(0.42)          | 0.38(0.33)          | 681     |

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

- Operating temperature range –55°C ~ 125°C (Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current
- Irms for a 40°C temperature rise from 25°C ambient with current
- Measure Equipment :
  - L : Agilent HP4284A+Agilent HP42841A, 100kHz 1V
  - RDC : DIGITAL MILLINHM METER CHROMA 16502, or equivalent
  - Isat & Irms : Agilent HP4284A

**Test Instruments :** HP4284A Material/Impedance Analyzer



## Sealed Power Inductors - BWVS Series

### Electrical Characteristics

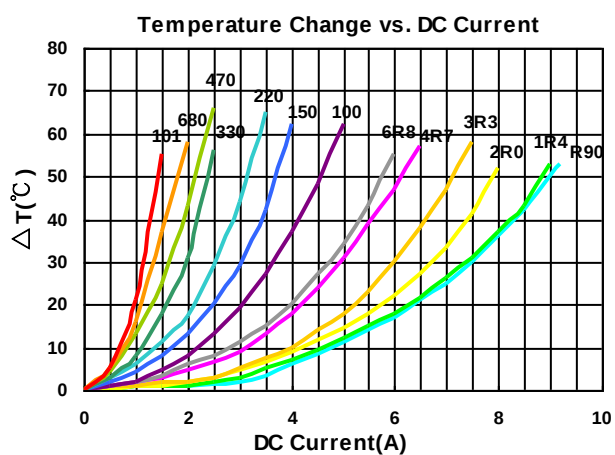
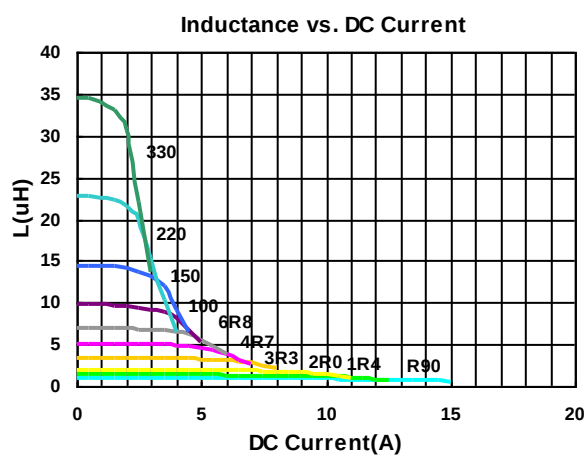
| Part Number        | Inductance<br>(uH) | Tolerance<br>(±%) | Test<br>Frequency<br>(kHz) | RDC<br>(mΩ) ±30% | Isat (A)<br>Typ. (Max) | Irms (A)<br>Typ. (Max) | Marking |
|--------------------|--------------------|-------------------|----------------------------|------------------|------------------------|------------------------|---------|
| BWVS00808040R90□00 | 0.9                | 30                | 100                        | 7                | 13.8(12.42)            | 8.05(7.24)             | R90     |
| BWVS008080401R0□00 | 1.0                | 30                | 100                        | 7.5              | 13.0(11.70)            | 7.95(7.15)             | 1R0     |
| BWVS008080401R4□00 | 1.4                | 30                | 100                        | 9                | 10.8(9.72)             | 7.8(7.02)              | 1R4     |
| BWVS008080401R5□00 | 1.5                | 30                | 100                        | 9.5              | 10.0(9.00)             | 7.7(6.93)              | 1R5     |
| BWVS008080402R0□00 | 2.0                | 20, 30            | 100                        | 11               | 9.6(8.64)              | 7.4(6.66)              | 2R0     |
| BWVS008080402R2□00 | 2.2                | 20, 30            | 100                        | 11.5             | 9.2(8.28)              | 7.2(6.48)              | 2R2     |
| BWVS008080402R5□00 | 2.5                | 20, 30            | 100                        | 13               | 8.2(7.38)              | 6.3(5.67)              | 2R5     |
| BWVS008080403R3□00 | 3.3                | 20, 30            | 100                        | 15               | 7.5(6.75)              | 6.0(5.40)              | 3R3     |
| BWVS008080403R9□00 | 3.9                | 20, 30            | 100                        | 18               | 6.1(5.40)              | 5.5(4.90)              | 3R9     |
| BWVS008080404R7□00 | 4.7                | 20, 30            | 100                        | 18               | 6.0(5.40)              | 5.5(4.95)              | 4R7     |
| BWVS008080405R6□00 | 5.6                | 20, 30            | 100                        | 23               | 5.7(5.13)              | 5.2(4.68)              | 5R6     |
| BWVS008080406R8□00 | 6.8                | 20, 30            | 100                        | 25               | 5.4(4.86)              | 5.1(4.59)              | 6R8     |
| BWVS00808040100□00 | 10                 | 20, 30            | 100                        | 38               | 4.3(3.87)              | 3.8(3.42)              | 100     |
| BWVS00808040120□00 | 12                 | 20, 30            | 100                        | 45               | 3.8(3.42)              | 3.5(3.15)              | 120     |
| BWVS00808040150□00 | 15                 | 20, 30            | 100                        | 50               | 3.6(3.24)              | 3.2(2.88)              | 150     |
| BWVS00808040180□00 | 18                 | 20, 30            | 100                        | 68               | 3.1(2.79)              | 2.7(2.43)              | 180     |
| BWVS00808040220□00 | 22                 | 20, 30            | 100                        | 80               | 2.8(2.52)              | 2.6(2.34)              | 220     |
| BWVS00808040330□00 | 33                 | 20, 30            | 100                        | 110              | 2.3(2.07)              | 2.0(1.80)              | 330     |
| BWVS00808040470□00 | 47                 | 20, 30            | 100                        | 160              | 1.9(1.71)              | 1.75(1.57)             | 470     |
| BWVS00808040510□00 | 51                 | 20, 30            | 100                        | 180              | 1.90(1.71)             | 1.70(1.53)             | 510     |
| BWVS00808040680□00 | 68                 | 20, 30            | 100                        | 240              | 1.7(1.53)              | 1.45(1.30)             | 680     |
| BWVS00808040101□00 | 100                | 20, 30            | 100                        | 340              | 1.4(1.26)              | 1.10(0.99)             | 101     |
| BWVS00808040121□00 | 120                | 20, 30            | 100                        | 425              | 1.1(0.99)              | 1.0(0.90)              | 121     |
| BWVS00808040151□00 | 150                | 20, 30            | 100                        | 480              | 1.0(0.90)              | 0.9(0.81)              | 151     |
| BWVS00808040181□00 | 180                | 20, 30            | 100                        | 650              | 0.98(0.88)             | 0.7(0.63)              | 181     |
| BWVS00808040221□00 | 220                | 20, 30            | 100                        | 670              | 0.94(0.84)             | 0.60(0.54)             | 221     |
| BWVS00808040271□00 | 270                | 20, 30            | 100                        | 900              | 0.83(0.74)             | 0.55(0.49)             | 271     |
| BWVS00808040331□00 | 330                | 20, 30            | 100                        | 1600             | 0.80(0.72)             | 0.46(0.41)             | 331     |
| BWVS00808040471□00 | 470                | 20, 30            | 100                        | 1800             | 0.70(0.63)             | 0.40(0.36)             | 471     |
| BWVS00808040821□00 | 820                | 20, 30            | 100                        | 2800             | 0.40(0.36)             | 0.38(0.34)             | 821     |

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

- Operating temperature range — 55℃ ~ 125℃ (Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current
- I rms for a 40℃ temperature rise from 25℃ ambient with current
- Measure Equipment :  
 L : Agilent HP4284A+Agilent HP42841A, 100kHz 1V  
 RDC : DIGITAL MILLINHM METER CHROMA 16502, or equivalent  
 Isat & I rms : Agilent HP4284A

## Sealed Power Inductors - BWVS Series

Test Instruments : HP4284A Material/Impedance Analyzer



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.

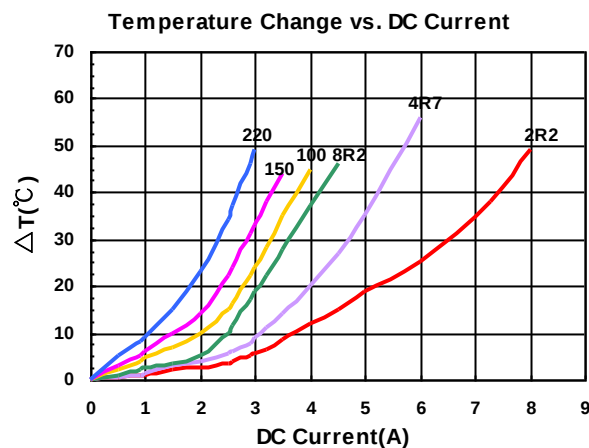
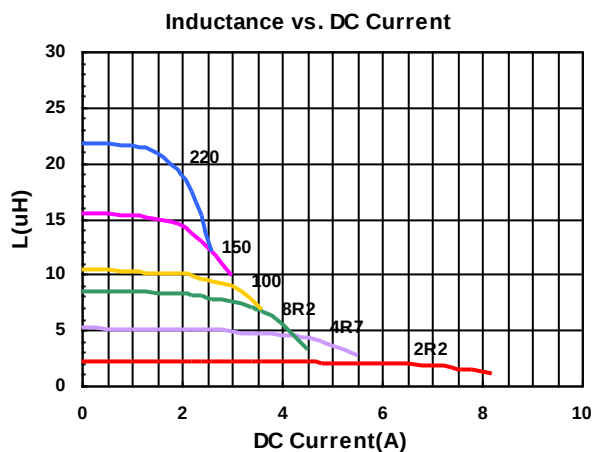
## Electrical Characteristics

| Part Number        | Inductance (uH) | Tolerance (±%) | Test Frequency (kHz) | RDC (mΩ) Max | Isat (A) Typ. (Max) | Irms (A) Typ. (Max) | Marking |
|--------------------|-----------------|----------------|----------------------|--------------|---------------------|---------------------|---------|
| BWVS008080401R0□L1 | 1.0             | 30             | 100                  | 10           | 9.5(8.55)           | 8.5(7.65)           | 1R0     |
| BWVS008080402R2□L1 | 2.2             | 20,30          | 100                  | 12           | 7.2(6.48)           | 7.3(6.57)           | 2R2     |
| BWVS008080403R3□L1 | 3.3             | 20,30          | 100                  | 19           | 5.6(5.04)           | 6.0(5.40)           | 3R3     |
| BWVS008080404R7□L1 | 4.7             | 20,30          | 100                  | 22           | 4.4(3.96)           | 5.0(4.50)           | 4R7     |
| BWVS008080408R2□L1 | 8.2             | 20,30          | 100                  | 37           | 3.6(3.24)           | 3.8(3.42)           | 8R2     |
| BWVS00808040100□L1 | 10              | 20,30          | 100                  | 42           | 3.1(2.79)           | 3.5(3.15)           | 100     |
| BWVS00808040150□L1 | 15              | 20,30          | 100                  | 58           | 2.5(2.25)           | 3.0(2.70)           | 150     |
| BWVS00808040220□L1 | 22              | 20,30          | 100                  | 85           | 2.0(1.80)           | 2.5(2.25)           | 220     |
| BWVS00808040331□L1 | 330             | 20,30          | 100                  | 1248         | 0.76(0.68)          | 0.78(0.70)          | 331     |
| BWVS00808040471□L1 | 470             | 20,30          | 100                  | 1690         | 0.65(0.58)          | 0.67(0.60)          | 471     |
| BWVS00808040102□L1 | 1000            | 20,30          | 100                  | 3731         | 0.45(0.40)          | 0.40(0.36)          | 102     |

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

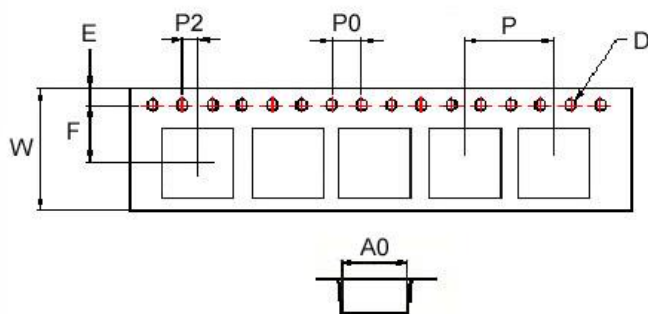
- Operating temperature range –55°C ~ 125°C (Including self - temperature rise)
- Isat for Inductance drop 30% from its value without current
- Irms for a 40°C temperature rise from 25°C ambient with current
- Measure Equipment :  
 L : Agilent HP4284A+Agilent HP42841A, 100kHz 1V  
 RDC : DIGITAL MILLINHM METER CHROMA 16502, or equivalent  
 Isat & Irms : Agilent HP4284A

## Test Instruments : HP4284A Material/Impedance Analyzer

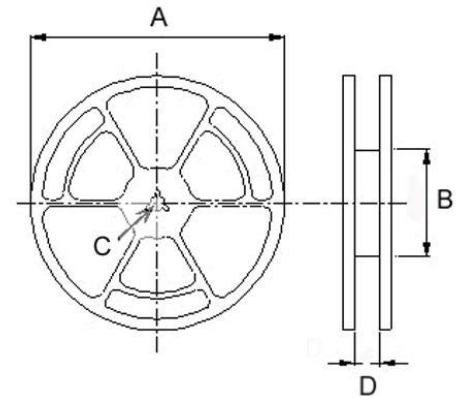


## Packaging Specifications

Tape Dimensions



Reel Dimensions



Dimensions in mm

| TYPE         | Tape Dimensions |      |      |      |      |     |    |    |    |    | Reel Dimensions |     |    |      | Quantity<br>PCS / Reel |
|--------------|-----------------|------|------|------|------|-----|----|----|----|----|-----------------|-----|----|------|------------------------|
|              | A0              | B0   | K0   | D    | E    | F   | W  | P  | P0 | P2 | A               | B   | C  | D    |                        |
| BWVS00322515 | 2.85            | 3.56 | 1.80 | 1.55 | 1.75 | 5.5 | 8  | 4  | 4  | 2  | 178             | 60  | 9  | 1.50 | 2000                   |
| BWVS00404012 | 4.25            | 4.25 | 1.30 | 1.55 | 1.75 | 5.5 | 12 | 8  | 4  | 2  | 180             | 60  | 13 | 13.2 | 1000                   |
| BWVS00404018 | 4.25            | 4.25 | 2.10 | 1.55 | 1.75 | 5.5 | 12 | 8  | 4  | 2  | 180             | 60  | 13 | 13.2 | 800                    |
| BWVS00404026 | 4.25            | 4.25 | 3.00 | 1.55 | 1.75 | 5.5 | 12 | 8  | 4  | 2  | 180             | 60  | 13 | 13.2 | 500                    |
| BWVS00505020 | 5.25            | 5.25 | 2.20 | 1.55 | 1.75 | 5.5 | 12 | 8  | 4  | 2  | 330             | 100 | 13 | 13.4 | 2000                   |
| BWVS00505040 | 5.20            | 5.20 | 4.20 | 1.55 | 1.75 | 5.5 | 12 | 8  | 4  | 2  | 330             | 100 | 13 | 13.4 | 1500                   |
| BWVS00606020 | 6.25            | 6.25 | 2.20 | 1.55 | 1.75 | 5.5 | 12 | 8  | 4  | 2  | 330             | 100 | 13 | 13.4 | 2000                   |
| BWVS00606028 | 6.25            | 6.25 | 3.00 | 1.55 | 1.75 | 7.5 | 16 | 12 | 4  | 2  | 330             | 100 | 13 | 16.0 | 1500                   |
| BWVS00606045 | 6.25            | 6.25 | 4.65 | 1.55 | 1.75 | 7.5 | 16 | 12 | 4  | 2  | 330             | 100 | 13 | 16   | 1000                   |
| BWVS00808040 | 8.25            | 8.25 | 4.15 | 1.55 | 1.75 | 7.5 | 16 | 12 | 4  | 2  | 330             | 100 | 13 | 16.0 | 1000                   |

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Pulse:](#)

[BWVS005050403R3M00](#)