

# RF Inductor-Wirewound



## BWM16GRF0-KIT JIS 1608 Size

### Designer Kit Contents

| Pulse - Std Power Part Number | L (mm) | W(mm) | T (mm) | SIZE Code (JIS/EIA) | Inductance (nH) | Tolerance (±%) | RDC(Ω) Max. | IDC(mA)Max. | Quantity |
|-------------------------------|--------|-------|--------|---------------------|-----------------|----------------|-------------|-------------|----------|
| BWCM0016100810NG00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 10              | 2              | 0.11        | 650         | 20       |
| BWCM0016100811NG00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 11              | 2              | 0.11        | 650         | 20       |
| BWCM0016100812NG00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 12              | 2              | 0.13        | 600         | 20       |
| BWCM0016100813NG00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 13              | 2              | 0.13        | 600         | 20       |
| BWCM0016100815NG00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 15              | 2              | 0.13        | 600         | 20       |
| BWCM0016100816NG00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 16              | 2              | 0.16        | 550         | 20       |
| BWCM0016100818NG00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 18              | 2              | 0.16        | 550         | 20       |
| BWCM0016100820NG00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 20              | 2              | 0.16        | 550         | 20       |
| BWCM0016100822NG00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 22              | 2              | 0.17        | 500         | 20       |
| BWCM0016100824NG00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 24              | 2              | 0.21        | 500         | 20       |
| BWCM0016100827NG00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 27              | 2              | 0.21        | 440         | 20       |
| BWCM0016100830NG00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 30              | 2              | 0.23        | 420         | 20       |
| BWCM0016100833NG00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 33              | 2              | 0.23        | 420         | 20       |
| BWCM0016100836NG00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 36              | 2              | 0.26        | 400         | 20       |
| BWCM0016100839NG00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 39              | 2              | 0.26        | 400         | 20       |
| BWCM0016100843NG00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 43              | 2              | 0.29        | 380         | 20       |
| BWCM0016100847NG00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 47              | 2              | 0.29        | 380         | 20       |
| BWCM0016100851NG00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 51              | 2              | 0.33        | 370         | 20       |
| BWCM0016100856NG00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 56              | 2              | 0.35        | 360         | 20       |
| BWCM0016100862NG00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 62              | 2              | 0.51        | 280         | 20       |
| BWCM0016100868NG00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 68              | 2              | 0.38        | 340         | 20       |
| BWCM0016100872NG00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 72              | 2              | 0.56        | 270         | 20       |
| BWCM0016100875NG00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 75              | 2              | 0.56        | 270         | 20       |
| BWCM0016100882NG00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 82              | 2              | 0.6         | 250         | 20       |
| BWCM0016100891NG00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 91              | 2              | 0.64        | 230         | 20       |
| BWCM00161008R10G00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 100             | 2              | 0.68        | 220         | 20       |
| BWCM00161008R11G00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 110             | 2              | 1.2         | 200         | 20       |
| BWCM00161008R12G00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 120             | 2              | 1.3         | 180         | 20       |
| BWCM00161008R13G00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 130             | 2              | 1.4         | 170         | 20       |
| BWCM00161008R15G00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 150             | 2              | 1.5         | 160         | 20       |
| BWCM00161008R16G00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 160             | 2              | 2.1         | 150         | 20       |
| BWCM00161008R18G00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 180             | 2              | 2.2         | 140         | 20       |
| BWCM00161008R20G00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 200             | 2              | 2.4         | 120         | 20       |
| BWCM00161008R22G00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 220             | 2              | 2.5         | 120         | 20       |
| BWCM00161008R27G00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 270             | 2              | 3.4         | 110         | 20       |
| BWCM00161008R33G00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 330             | 2              | 5.5         | 85          | 20       |
| BWCM00161008R39G00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 390             | 2              | 6.2         | 80          | 20       |
| BWCM00161008R47G00            | 1.5    | 1.0   | 0.7    | 1608/0603           | 470             | 2              | 7           | 75          | 20       |
| BWCM001810103N9GL8            | 1.8    | 1.0   | 0.9    | 1608/0603           | 3.9             | 2              | 0.028       | 2200        | 20       |
| BWCM001810104N3GL8            | 1.8    | 1.0   | 0.9    | 1608/0603           | 4.3             | 2              | 0.036       | 2100        | 20       |
| BWCM001810104N7GL8            | 1.8    | 1.0   | 0.9    | 1608/0603           | 4.7             | 2              | 0.054       | 1500        | 20       |
| BWCM001810104N9GL8            | 1.8    | 1.0   | 0.9    | 1608/0603           | 4.9             | 2              | 0.081       | 1200        | 20       |
| BWCM001810105N6GL8            | 1.8    | 1.0   | 0.9    | 1608/0603           | 5.6             | 2              | 0.04        | 1900        | 20       |
| BWCM001810106N8GL8            | 1.8    | 1.0   | 0.9    | 1608/0603           | 6.8             | 2              | 0.04        | 1900        | 20       |
| BWCM001810107N5GL8            | 1.8    | 1.0   | 0.9    | 1608/0603           | 7.5             | 2              | 0.048       | 1500        | 20       |
| BWCM001810108N2GL8            | 1.8    | 1.0   | 0.9    | 1608/0603           | 8.2             | 2              | 0.052       | 1600        | 20       |
| BWCM001810108N7GL8            | 1.8    | 1.0   | 0.9    | 1608/0603           | 8.7             | 2              | 0.052       | 1600        | 20       |
| BWCM001810109N1GL8            | 1.8    | 1.0   | 0.9    | 1608/0603           | 9.1             | 2              | 0.052       | 1600        | 20       |
| BWCM001810109N5GL8            | 1.8    | 1.0   | 0.9    | 1608/0603           | 9.5             | 2              | 0.052       | 1600        | 20       |
| BWCM0018101010NGL8            | 1.8    | 1.0   | 0.9    | 1608/0603           | 10              | 2              | 0.052       | 1600        | 20       |

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## BWM16GRF0-KIT JIS 1608 Size

### Designer Kit Contents

| Pulse - Std Power<br>Part Number | L (mm) | W(mm) | T (mm) | SIZE Code<br>(JIS/EIA) | Impedance $\Omega$<br>(at 100MHz) | Tolerance<br>( $\pm\%$ ) | RDC( $\Omega$ )<br>Max. | IDC(mA)Max. | Quantity |
|----------------------------------|--------|-------|--------|------------------------|-----------------------------------|--------------------------|-------------------------|-------------|----------|
| BWCM0018101011NGL8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 11                                | 2                        | 0.052                   | 1600        | 20       |
| BWCM0018101012NGL8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 12                                | 2                        | 0.064                   | 1500        | 20       |
| BWCM0018101013NGL8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 13                                | 2                        | 0.064                   | 1500        | 20       |
| BWCM0018101015NGL8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 15                                | 2                        | 0.075                   | 1400        | 20       |
| BWCM0018101016NGL8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 16                                | 2                        | 0.075                   | 1400        | 20       |
| BWCM0018101018NGL8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 18                                | 2                        | 0.075                   | 1400        | 20       |
| BWCM0018101022NGL8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 22                                | 2                        | 0.086                   | 1300        | 20       |
| BWCM0018101023NGL8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 23                                | 2                        | 0.086                   | 1300        | 20       |
| BWCM0018101024NGL8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 24                                | 2                        | 0.086                   | 1300        | 20       |
| BWCM0018101027NGL8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 27                                | 2                        | 0.098                   | 1200        | 20       |
| BWCM0018101028NGL8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 28                                | 2                        | 0.098                   | 1200        | 20       |
| BWCM0018101030NGL8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 30                                | 2                        | 0.12                    | 1100        | 20       |
| BWCM0018101033NGL8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 33                                | 2                        | 0.11                    | 1100        | 20       |
| BWCM0018101036NGL8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 36                                | 2                        | 0.2                     | 910         | 20       |
| BWCM0018101039NGL8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 39                                | 2                        | 0.16                    | 1000        | 20       |
| BWCM0018101043NGL8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 43                                | 2                        | 0.21                    | 840         | 20       |
| BWCM0018101047NGL8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 47                                | 2                        | 0.23                    | 830         | 20       |
| BWCM0018101051NGL8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 51                                | 2                        | 0.23                    | 830         | 20       |
| BWCM0018101056NGL8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 56                                | 2                        | 0.26                    | 770         | 20       |
| BWCM0018101068NGL8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 68                                | 2                        | 0.38                    | 630         | 20       |
| BWCM0018101072NGL8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 72                                | 2                        | 0.47                    | 560         | 20       |
| BWCM0018101075NGL8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 75                                | 2                        | 0.41                    | 590         | 20       |
| BWCM0018101082NGL8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 82                                | 2                        | 0.5                     | 550         | 20       |
| BWCM0018101091NGL8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 91                                | 2                        | 0.54                    | 520         | 20       |
| BWCM00181010R10GH8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 100                               | 2                        | 0.63                    | 490         | 20       |
| BWCM00181010R11GH8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 110                               | 2                        | 0.7                     | 450         | 20       |
| BWCM00181010R12GH8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 120                               | 2                        | 0.72                    | 450         | 20       |
| BWCM00181010R15GH8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 150                               | 2                        | 0.87                    | 420         | 20       |
| BWCM00181010R18GH8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 180                               | 2                        | 1.65                    | 310         | 20       |
| BWCM00181010R20GH8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 200                               | 2                        | 1.74                    | 290         | 20       |
| BWCM00181010R21GH8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 210                               | 2                        | 1.98                    | 280         | 20       |
| BWCM00181010R22GH8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 220                               | 2                        | 2.08                    | 280         | 20       |
| BWCM00181010R25GH8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 250                               | 2                        | 2.28                    | 250         | 20       |
| BWCM00181010R27GH8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 270                               | 2                        | 2.42                    | 260         | 20       |
| BWCM00181010R30GH8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 300                               | 2                        | 3.12                    | 220         | 20       |
| BWCM00181010R33GH8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 330                               | 2                        | 3.84                    | 190         | 20       |
| BWCM00181010R36GH8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 360                               | 2                        | 3.98                    | 190         | 20       |
| BWCM00181010R39GH8               | 1.8    | 1.0   | 0.9    | 1608/0603              | 390                               | 2                        | 4.23                    | 190         | 20       |

# RF Inductor-Wirewound



## BWM16GRF0-KIT JIS 1608 Size

### Dimensions – Millimeters (Inches)

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1608

