

AABG Series

Features

- Qualified to AEC-Q200.
- Magnetic-resin shielded construction reduces buzz noise to ultra-low levels.
- Metallization on Ferrite Core results in excellent shock resistance and damage-free durability.
- Closed magnetic circuit design reduces leakage flux and Electro Magnetic Interference(EMI) .
- 35% high current rating than conventional inductors of equal size.
- Takes up less PCB real estate and save more power.
- RoHS compliance.

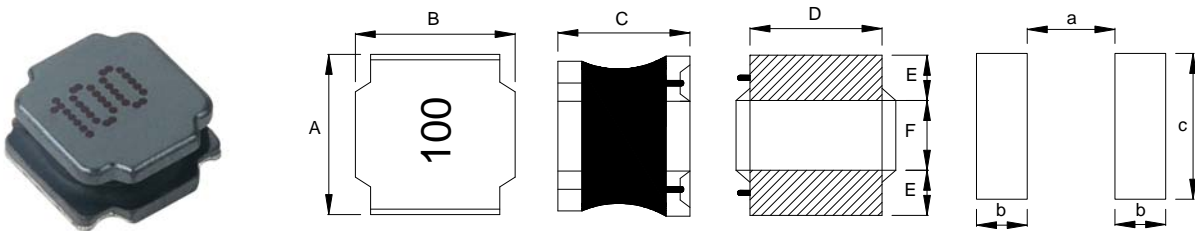
Applications

- LED Lighting
- Next-generation mobile devices with multifunction such as adding color TV and digital movie cameras
- Flat-screen TVs,blue-ray disc recorders set top box
- Notebooks,desktop computers,servers,graphic cards
- Portable gaming devices,personal navigation systems,personal multimedia devices

Test Equipment and Conditions

- Inductance is measured with IM3536 LCR meter or equivalent.
- Operating temperature range -40°C to +125°C.(Including self - temperature rise).
- DC current(Irms)that will cause an approximate ΔT of 40°C.
- DC current(Isat)that will cause L0 to drop approximately 35%.

External dimensions (Unit:m/m)



| Type | A | B | C | D Typ. | E Typ. | F Typ. | a Typ. | b Typ. | c Typ. | Q'TY/Reel |
|-----------|---------|---------|---------|--------|--------|--------|--------|--------|--------|-----------|
| AABG03A10 | 3.0±0.2 | 3.0±0.2 | 1.1Max | 2.5 | 0.9 | 1.2 | 0.9 | 1.2 | 2.8 | 2000 |
| AABG03A12 | 3.0±0.2 | 3.0±0.2 | 1.25Max | 2.9 | 0.9 | 1.2 | 0.9 | 1.2 | 3.1 | 2000 |
| AABG03A15 | 3.0±0.2 | 3.0±0.2 | 1.5Max | 2.55 | 0.9 | 1.2 | 0.9 | 1.2 | 3.1 | 2000 |
| AABG04A10 | 4.0±0.2 | 4.0±0.2 | 1.1Max | 3.5 | 1.2 | 1.6 | 1.2 | 1.5 | 3.8 | 4500 |
| AABG04A12 | 4.0±0.2 | 4.0±0.2 | 1.3Max | 3.5 | 1.2 | 1.6 | 1.3 | 1.5 | 3.8 | 4500 |
| AABG04A18 | 4.0±0.2 | 4.0±0.2 | 1.8Max | 3.5 | 1.2 | 1.6 | 1.2 | 1.5 | 3.8 | 3000 |
| AABG04A20 | 4.0±0.2 | 4.0±0.2 | 2.0Max | 3.5 | 1.2 | 1.6 | 1.2 | 1.5 | 3.8 | 3000 |
| AABG04A26 | 4.0±0.2 | 4.0±0.2 | 2.6Max | 3.5 | 1.2 | 1.6 | 1.2 | 1.5 | 3.8 | 3000 |
| AABG04A30 | 4.0±0.2 | 4.0±0.2 | 3.0Max | 3.5 | 1.35 | 1.3 | 1.0 | 1.65 | 3.8 | 2000 |
| AABG04A35 | 4.0±0.2 | 4.0±0.2 | 3.5Max | 3.3 | 0.95 | 2.1 | 1.9 | 1.1 | 3.7 | 2000 |
| AABG05A12 | 5.0±0.2 | 5.0±0.2 | 1.3Max | 4.0 | 1.5 | 2.0 | 1.7 | 1.8 | 4.3 | 4500 |
| AABG05A20 | 5.0±0.2 | 5.0±0.2 | 2.0Max | 4.0 | 1.35 | 2.3 | 2.0 | 1.65 | 4.3 | 2500 |
| AABG05A40 | 5.0±0.2 | 5.0±0.2 | 4.0Max | 4.0 | 1.5 | 2.0 | 1.7 | 1.8 | 4.3 | 1500 |
| AABG05A45 | 5.0±0.2 | 5.0±0.2 | 4.5Max | 4.0 | 1.5 | 2.0 | 1.7 | 1.8 | 4.3 | 1500 |
| AABG06A20 | 6.0±0.3 | 6.0±0.3 | 2.0Max | 4.9 | 1.65 | 2.7 | 2.4 | 1.95 | 5.2 | 2500 |
| AABG06A28 | 6.0±0.3 | 6.0±0.3 | 2.8Max | 4.9 | 1.65 | 2.7 | 2.4 | 1.95 | 5.2 | 2000 |
| AABG06A45 | 6.0±0.3 | 6.0±0.3 | 4.5Max | 4.9 | 1.65 | 2.7 | 2.4 | 1.95 | 5.2 | 1500 |
| AABG06A55 | 6.0±0.3 | 6.0±0.3 | 5.7Max | 4.9 | 1.65 | 2.7 | 2.4 | 1.95 | 5.2 | 1000 |
| AABG08A40 | 8.0±0.3 | 8.0±0.3 | 4.2Max | 6.3 | 2.45 | 3.1 | 2.8 | 2.75 | 6.6 | 1000 |
| AABG08A50 | 8.0±0.3 | 8.0±0.3 | 5.0Max | 6.3 | 2.45 | 3.1 | 2.8 | 2.75 | 6.6 | 700 |
| AABG08A65 | 8.0±0.3 | 8.0±0.3 | 6.8Max | 6.3 | 2.45 | 3.1 | 2.8 | 2.75 | 6.6 | 700 |

Part Number Code

AABG 03 A 10 M 1R0
 A B C D E F

A: Series Name Power Inductors
 B: Dimensions(mm) 03: 3.0×3.0
 C: Materials A Type
 D: Thickness(mm) 10: 1.1 Max
 E: Tolerance M: ±20% N: ±30%
 F: Inductance 1R0=1.0uH

AABG Series

| Part Number | Inductance(μH) @100KHz/1V | DC Resistance (Ω)±30% | Self-Resonant Frequency (MHz) Min. | Heat Rating Current Irms (A) Max. | Saturation Current Isat (A) Max. |
|---------------|------------------------------|-----------------------------|------------------------------------------|-----------------------------------------|----------------------------------------|
| AABG03A10M1R0 | 1.0 | 0.063 | 180 | 1.49 | 1.44 |
| AABG03A10M1R2 | 1.2 | 0.065 | 137 | 1.45 | 1.25 |
| AABG03A10M1R5 | 1.5 | 0.077 | 120 | 1.34 | 1.31 |
| AABG03A10M2R2 | 2.2 | 0.106 | 100 | 1.12 | 1.18 |
| AABG03A10M2R7 | 2.7 | 0.125 | 90 | 1.05 | 1.03 |
| AABG03A10M3R3 | 3.3 | 0.139 | 74 | 0.99 | 1.00 |
| AABG03A12NR22 | 0.22 | 0.017 | 321 | 3.00 | 5.30 |
| AABG03A12NR82 | 0.82 | 0.029 | 180 | 2.54 | 2.11 |
| AABG03A12M1R0 | 1.0 | 0.039 | 120 | 2.27 | 1.93 |
| AABG03A12M1R2 | 1.2 | 0.043 | 120 | 2.07 | 2.29 |
| AABG03A12M1R5 | 1.5 | 0.043 | 110 | 2.07 | 1.67 |
| AABG03A12M1R8 | 1.8 | 0.053 | 90 | 1.90 | 1.56 |
| AABG03A12M2R2 | 2.2 | 0.072 | 84 | 1.60 | 1.24 |
| AABG03A12M2R4 | 2.4 | 0.065 | 80 | 1.55 | 1.18 |
| AABG03A12M2R7 | 2.7 | 0.081 | 65 | 1.52 | 1.17 |
| AABG03A12M3R3 | 3.3 | 0.096 | 64 | 1.40 | 1.08 |
| AABG03A12M3R6 | 3.6 | 0.100 | 36 | 1.36 | 1.05 |
| AABG03A12M3R9 | 3.9 | 0.145 | 61 | 1.24 | 1.00 |
| AABG03A12M4R7 | 4.7 | 0.116 | 61 | 1.24 | 0.93 |
| AABG03A15NR50 | 0.5 | 0.030 | 162 | 2.6 | 3.9 |
| AABG03A15NR68 | 0.68 | 0.035 | 152 | 2.65 | 2.65 |
| AABG03A15N1R0 | 1.0 | 0.036 | 150 | 2.35 | 2.37 |
| AABG03A15M1R2 | 1.2 | 0.039 | 110 | 2.01 | 2.28 |
| AABG03A15M1R5 | 1.5 | 0.048 | 100 | 1.75 | 2.37 |
| AABG03A15M1R8 | 1.8 | 0.048 | 92 | 1.75 | 1.80 |
| AABG03A15N2R2 | 2.2 | 0.069 | 86 | 1.65 | 1.65 |
| AABG03A15M2R7 | 2.7 | 0.072 | 64 | 1.47 | 1.57 |
| AABG03A15M3R3 | 3.3 | 0.080 | 68 | 1.40 | 1.36 |
| AABG03A15M3R6 | 3.6 | 0.101 | 59 | 1.24 | 1.32 |
| AABG03A15M3R9 | 3.9 | 0.105 | 47 | 1.20 | 1.20 |
| AABG03A15M4R3 | 4.3 | 0.110 | 53 | 1.17 | 1.24 |
| AABG03A15N4R7 | 4.7 | 0.123 | 46 | 1.09 | 1.0 |

AABG Series

| Part Number | Inductance(μ H) @100KHz/1V | DC Resistance (Ω) \pm 30% | Self-Resonant Frequency (MHz) Min. | Heat Rating Current I _{rms} (A) Max. | Saturation Current I _{sat} (A) Max. |
|---------------|------------------------------------|--------------------------------------------|------------------------------------------|-----------------------------------------------------|----------------------------------------------------|
| AABG03A15M6R2 | 6.2 | 0.187 | 46 | 0.89 | 1.03 |
| AABG03A15M6R8 | 6.8 | 0.193 | 39 | 0.88 | 0.88 |
| AABG03A15M100 | 10.0 | 0.241 | 41 | 0.79 | 0.74 |
| AABG03A15M120 | 12.0 | 0.308 | 32 | 0.70 | 0.72 |
| AABG03A15M150 | 15.0 | 0.337 | 30 | 0.67 | 0.68 |
| AABG04A10M1R0 | 1.0 | 54.32 | 116 | 1.95 | 2.06 |
| AABG04A10M1R5 | 1.5 | 67.90 | 94 | 1.75 | 1.73 |
| AABG04A10M2R2 | 2.2 | 82.45 | 73 | 1.54 | 1.23 |
| AABG04A10M3R3 | 3.3 | 97.00 | 58 | 1.44 | 1.13 |
| AABG04A12NR82 | 0.82 | 0.048 | 150 | 1.70 | 3.64 |
| AABG04A12M1R0 | 1.0 | 0.050 | 120 | 1.65 | 2.61 |
| AABG04A12M1R5 | 1.5 | 0.062 | 90 | 1.50 | 2.16 |
| AABG04A12M1R8 | 1.8 | 0.077 | 88 | 1.36 | 2.54 |
| AABG04A12M2R2 | 2.2 | 0.077 | 74 | 1.36 | 1.81 |
| AABG04A12M2R7 | 2.7 | 0.087 | 71 | 1.29 | 1.96 |
| AABG04A12M3R3 | 3.3 | 0.108 | 60 | 1.15 | 1.72 |
| AABG04A12M3R6 | 3.6 | 0.106 | 57 | 1.15 | 1.24 |
| AABG04A12M4R3 | 4.3 | 0.135 | 54 | 1.03 | 1.80 |
| AABG04A12M4R7 | 4.7 | 0.120 | 50 | 1.08 | 1.18 |
| AABG04A12M5R1 | 5.1 | 0.149 | 50 | 0.98 | 1.25 |
| AABG04A12M5R6 | 5.6 | 0.140 | 42 | 1.00 | 1.00 |
| AABG04A12M6R8 | 6.8 | 0.190 | 40 | 0.87 | 0.98 |
| AABG04A12M100 | 10.0 | 0.255 | 33 | 0.79 | 0.82 |
| AABG04A18NR47 | 0.47 | 0.014 | 155 | 4.00 | 4.30 |
| AABG04A18NR68 | 0.68 | 0.020 | 128 | 3.30 | 4.90 |
| AABG04A18M1R0 | 1.0 | 0.024 | 80 | 2.06 | 4.90 |
| AABG04A18M1R5 | 1.5 | 0.030 | 65 | 1.80 | 3.35 |
| AABG04A18M1R8 | 1.8 | 0.034 | 54 | 2.00 | 3.00 |
| AABG04A18M2R2 | 2.2 | 0.043 | 52 | 2.20 | 3.00 |
| AABG04A18M3R3 | 3.3 | 0.067 | 44 | 1.27 | 2.52 |
| AABG04A18M4R7 | 4.7 | 0.087 | 34 | 1.24 | 2.00 |
| AABG04A18M6R8 | 6.8 | 0.106 | 29 | 1.09 | 1.49 |
| AABG04A18M100 | 10.0 | 0.173 | 24 | 0.87 | 1.34 |
| AABG04A18M150 | 15.0 | 0.241 | 19 | 0.67 | 0.97 |
| AABG04A18M220 | 22.0 | 0.347 | 16 | 0.61 | 0.82 |
| AABG04A18M470 | 47.0 | 0.626 | 10 | 0.43 | 0.59 |
| AABG04A20NR24 | 0.24 | 0.011 | 283 | 4.50 | 10.5 |
| AABG04A20NR33 | 0.33 | 0.013 | 223 | 3.30 | 7.50 |
| AABG04A20NR47 | 0.47 | 0.022 | 160 | 3.30 | 7.00 |
| AABG04A20NR68 | 0.68 | 0.028 | 120 | 2.8 | 6.4 |

AABG Series

| Part Number | Inductance(μ H) @100KHz/1V | DC Resistance (Ω) \pm 30% | Self-Resonant Frequency (MHz) Min. | Heat Rating Current I _{rms} (A) Max. | Saturation Current I _{sat} (A) Max. |
|---------------|------------------------------------|--------------------------------------------|------------------------------------------|-----------------------------------------------------|----------------------------------------------------|
| AABG04A20M1R0 | 1.0 | 0.027 | 75 | 2.21 | 5.00 |
| AABG04A20M1R2 | 1.2 | 0.027 | 72 | 2.21 | 5.25 |
| AABG04A20M1R5 | 1.5 | 0.035 | 71 | 2.04 | 4.45 |
| AABG04A20M2R2 | 2.2 | 0.039 | 49 | 1.91 | 3.50 |
| AABG04A20M3R3 | 3.3 | 0.067 | 44 | 1.44 | 3.30 |
| AABG04A20M3R6 | 3.6 | 0.053 | 49 | 1.59 | 2.88 |
| AABG04A20M4R7 | 4.7 | 0.072 | 42 | 1.38 | 2.42 |
| AABG04A20M5R1 | 5.1 | 0.081 | 42 | 1.31 | 2.37 |
| AABG04A20M5R6 | 5.6 | 0.087 | 30 | 1.26 | 2.27 |
| AABG04A20M6R2 | 6.2 | 0.110 | 36 | 1.11 | 2.21 |
| AABG04A20M6R8 | 6.8 | 0.125 | 33 | 1.07 | 2.20 |
| AABG04A20M7R5 | 7.5 | 0.110 | 30 | 1.11 | 1.91 |
| AABG04A20M8R2 | 8.2 | 0.120 | 27 | 1.07 | 1.80 |
| AABG04A20M100 | 10.0 | 0.165 | 26 | 0.93 | 1.65 |
| AABG04A20M120 | 12.0 | 0.168 | 26 | 0.91 | 1.55 |
| AABG04A20M150 | 15.0 | 0.221 | 24 | 0.79 | 1.39 |
| AABG04A20M220 | 22.0 | 0.337 | 15 | 0.64 | 1.08 |
| AABG04A26M1R0 | 1.0 | 0.023 | 151 | 3.09 | 3.39 |
| AABG04A26M1R2 | 1.2 | 0.029 | 120 | 2.36 | 3.19 |
| AABG04A26M1R5 | 1.5 | 0.039 | 100 | 2.36 | 2.47 |
| AABG04A26M2R2 | 2.2 | 0.039 | 96 | 2.06 | 2.16 |
| AABG04A26M3R3 | 3.3 | 0.048 | 58 | 1.75 | 1.85 |
| AABG04A26M4R7 | 4.7 | 0.053 | 46 | 1.64 | 1.49 |
| AABG04A26M6R8 | 6.8 | 0.063 | 33 | 1.54 | 1.33 |
| AABG04A26M100 | 10.0 | 0.082 | 26 | 1.33 | 1.03 |
| AABG04A26M150 | 15.0 | 0.107 | 19 | 1.13 | 0.92 |
| AABG04A26M220 | 22.0 | 0.160 | 13 | 0.92 | 0.62 |
| AABG04A26M330 | 33.0 | 0.262 | 9 | 0.72 | 0.56 |
| AABG04A26M470 | 47.0 | 0.291 | 6 | 0.67 | 0.41 |
| AABG04A30NR47 | 0.47 | 0.008 | 184 | 5.20 | 7.80 |
| AABG04A30NR68 | 0.68 | 0.010 | 130 | 4.56 | 6.80 |
| AABG04A30NR91 | 0.91 | 0.021 | 100 | 3.24 | 6.44 |
| AABG04A30M1R0 | 1.0 | 0.018 | 70 | 4.15 | 5.26 |
| AABG04A30M1R2 | 1.2 | 0.024 | 80 | 3.05 | 5.97 |
| AABG04A30M1R5 | 1.5 | 0.029 | 62 | 3.01 | 4.99 |
| AABG04A30M1R8 | 1.8 | 0.029 | 60 | 3.01 | 5.56 |
| AABG04A30M2R2 | 2.2 | 0.033 | 52 | 2.65 | 4.90 |
| AABG04A30M3R3 | 3.3 | 0.039 | 38 | 2.47 | 3.40 |
| AABG04A30M3R6 | 3.6 | 0.040 | 37 | 2.40 | 3.00 |
| AABG04A30M3R9 | 3.9 | 0.057 | 32 | 2.10 | 3.00 |

AABG Series

| Part Number | Inductance(μ H) @100KHz/1V | DC Resistance (Ω) \pm 30% | Self-Resonant Frequency (MHz) Min. | Heat Rating Current I _{rms} (A) Max. | Saturation Current I _{sat} (A) Max. |
|---------------|------------------------------------|--------------------------------------------|------------------------------------------|-----------------------------------------------------|----------------------------------------------------|
| AABG04A30M4R3 | 4.3 | 0.053 | 37 | 2.16 | 3.04 |
| AABG04A30M4R7 | 4.7 | 0.058 | 31 | 2.06 | 2.99 |
| AABG04A30M5R6 | 5.6 | 0.065 | 30 | 2.01 | 2.45 |
| AABG04A30M6R2 | 6.2 | 0.067 | 29 | 1.91 | 2.58 |
| AABG04A30M6R8 | 6.8 | 0.087 | 24 | 1.65 | 2.83 |
| AABG04A30M7R5 | 7.5 | 0.081 | 26 | 1.70 | 2.27 |
| AABG04A30M8R2 | 8.2 | 0.087 | 26 | 1.65 | 2.16 |
| AABG04A30M9R1 | 9.1 | 0.091 | 23 | 1.60 | 2.06 |
| AABG04A30M100 | 10.0 | 0.100 | 21 | 1.55 | 2.01 |
| AABG04A30M120 | 12.0 | 0.130 | 18 | 1.34 | 1.75 |
| AABG04A30M150 | 15.0 | 0.190 | 16 | 1.14 | 1.70 |
| AABG04A30M180 | 18.0 | 0.193 | 10 | 1.13 | 1.44 |
| AABG04A30M220 | 22.0 | 0.225 | 10 | 1.03 | 1.34 |
| AABG04A30M330 | 33.0 | 0.318 | 10 | 0.84 | 1.13 |
| AABG04A30M360 | 36.0 | 0.322 | 9.8 | 0.85 | 1.08 |
| AABG04A30M390 | 39.0 | 0.419 | 10 | 0.75 | 1.06 |
| AABG04A30M430 | 43.0 | 0.424 | 9.2 | 0.75 | 1.03 |
| AABG04A30M470 | 47.0 | 0.428 | 8.4 | 0.74 | 0.98 |
| AABG04A30M510 | 51.0 | 0.453 | 8.4 | 0.72 | 0.93 |
| AABG04A30M560 | 56.0 | 0.534 | 8.4 | 0.67 | 0.88 |
| AABG04A30M620 | 62.0 | 0.798 | 7.0 | 0.55 | 0.82 |
| AABG04A30M680 | 68.0 | 0.836 | 7.0 | 0.54 | 0.77 |
| AABG04A30M750 | 75.0 | 0.982 | 6.3 | 0.49 | 0.72 |
| AABG04A30M820 | 82.0 | 1.021 | 5.6 | 0.48 | 0.68 |
| AABG04A30M910 | 91.0 | 1.059 | 5.6 | 0.47 | 0.67 |
| AABG04A30M101 | 100.0 | 1.107 | 5.6 | 0.46 | 0.62 |
| AABG04A30M121 | 120.0 | 1.300 | 5.4 | 0.43 | 0.57 |
| AABG04A30M151 | 150.0 | 1.800 | 4 | 0.30 | 0.50 |
| AABG04A35NR47 | 0.47 | 0.008 | 176 | 5.2 | 7.8 |
| AABG04A35NR68 | 0.68 | 0.010 | 132 | 4.56 | 6.8 |
| AABG04A35M1R0 | 1.0 | 0.018 | 76 | 3.90 | 6.39 |
| AABG04A35M1R2 | 1.2 | 0.021 | 70 | 3.65 | 6.14 |
| AABG04A35M1R5 | 1.5 | 0.024 | 62 | 3.34 | 5.53 |
| AABG04A35M1R8 | 1.8 | 0.026 | 52 | 3.20 | 4.60 |
| AABG04A35M2R2 | 2.2 | 0.030 | 52 | 3.04 | 4.41 |
| AABG04A35M3R3 | 3.3 | 0.044 | 38 | 2.53 | 3.55 |
| AABG04A35M4R7 | 4.7 | 0.062 | 31 | 2.13 | 3.04 |
| AABG04A35M6R8 | 6.8 | 0.083 | 24 | 1.92 | 2.53 |
| AABG04A35M8R2 | 8.2 | 0.082 | 26 | 1.82 | 2.13 |
| AABG04A35M100 | 10.0 | 0.106 | 21 | 1.57 | 2.08 |

AABG Series

| Part Number | Inductance(μ H) @100KHz/1V | DC Resistance (Ω) \pm 30% | Self-Resonant Frequency (MHz) Min. | Heat Rating Current I _{rms} (A) Max. | Saturation Current I _{sat} (A) Max. |
|---------------|------------------------------------|--------------------------------------------|------------------------------------------|-----------------------------------------------------|----------------------------------------------------|
| AABG04A35M150 | 15.0 | 0.175 | 16 | 1.26 | 1.67 |
| AABG04A35M220 | 22.0 | 0.220 | 10 | 1.11 | 1.32 |
| AABG04A35M330 | 33.0 | 0.320 | 10 | 0.91 | 1.11 |
| AABG04A35M470 | 47.0 | 0.450 | 8.4 | 0.76 | 0.96 |
| AABG04A35M680 | 68.0 | 0.833 | 7.0 | 0.55 | 0.76 |
| AABG04A35M101 | 100.0 | 1.055 | 5.6 | 0.45 | 0.66 |
| AABG05A12M1R0 | 1.0 | 0.055 | 103 | 2.06 | 4.53 |
| AABG05A12M1R5 | 1.5 | 0.070 | 68 | 1.95 | 3.81 |
| AABG05A12M2R2 | 2.2 | 0.087 | 50 | 1.75 | 3.19 |
| AABG05A20NR22 | 0.22 | 0.009 | 280 | 5.30 | 9.00 |
| AABG05A20NR24 | 0.24 | 0.009 | 248 | 5.30 | 8.00 |
| AABG05A20NR47 | 0.47 | 0.013 | 160 | 4.60 | 6.15 |
| AABG05A20NR56 | 0.56 | 0.017 | 137 | 3.80 | 8.50 |
| AABG05A20NR68 | 0.68 | 0.017 | 120 | 4.00 | 5.50 |
| AABG05A20NR75 | 0.75 | 0.017 | 117 | 4.00 | 5.50 |
| AABG05A20M1R0 | 1.0 | 0.020 | 97 | 3.81 | 4.46 |
| AABG05A20M1R2 | 1.2 | 0.022 | 83 | 3.55 | 4.50 |
| AABG05A20M1R5 | 1.5 | 0.026 | 80 | 3.30 | 3.97 |
| AABG05A20M2R2 | 2.2 | 0.033 | 61 | 2.99 | 3.97 |
| AABG05A20M2R7 | 2.7 | 0.038 | 52 | 2.70 | 2.90 |
| AABG05A20M3R0 | 3.0 | 0.038 | 49 | 2.70 | 2.55 |
| AABG05A20M3R3 | 3.3 | 0.042 | 46 | 2.47 | 3.25 |
| AABG05A20M3R6 | 3.6 | 0.043 | 43 | 2.50 | 2.80 |
| AABG05A20M3R9 | 3.9 | 0.043 | 40 | 2.50 | 2.30 |
| AABG05A20M4R3 | 4.3 | 0.057 | 37 | 2.20 | 2.50 |
| AABG05A20M4R7 | 4.7 | 0.057 | 33 | 2.20 | 2.50 |
| AABG05A20M5R1 | 5.1 | 0.064 | 32 | 2.05 | 2.25 |
| AABG05A20M5R6 | 5.6 | 0.064 | 32 | 2.05 | 2.30 |
| AABG05A20M6R8 | 6.8 | 0.084 | 30 | 1.75 | 1.85 |
| AABG05A20M7R5 | 7.5 | 0.090 | 26 | 1.75 | 1.85 |
| AABG05A20M8R2 | 8.2 | 0.098 | 26 | 1.65 | 1.85 |
| AABG05A20M9R1 | 9.1 | 0.110 | 24 | 1.55 | 1.70 |
| AABG05A20M100 | 10.0 | 0.106 | 24 | 1.55 | 1.79 |
| AABG05A20M120 | 12.0 | 0.140 | 22 | 1.40 | 1.50 |
| AABG05A20M150 | 15.0 | 0.159 | 20 | 1.29 | 1.48 |
| AABG05A20M180 | 18.0 | 0.200 | 16 | 1.15 | 1.25 |
| AABG05A20M220 | 22.0 | 0.226 | 16 | 1.08 | 1.15 |
| AABG05A20M330 | 33.0 | 0.356 | 13 | 0.85 | 1.00 |
| AABG05A20M470 | 47.0 | 0.505 | 11 | 0.72 | 0.83 |
| AABG05A20M560 | 56.0 | 0.630 | 6 | 0.70 | 0.77 |

AABG Series

| Part Number | Inductance(μ H) @100KHz/1V | DC Resistance (Ω) \pm 30% | Self-Resonant Frequency (MHz) Min. | Heat Rating Current I _{rms} (A) Max. | Saturation Current I _{sat} (A) Max. |
|---------------|------------------------------------|--------------------------------------------|------------------------------------------|-----------------------------------------------------|----------------------------------------------------|
| AABG05A20M680 | 68.0 | 0.852 | 8.8 | 0.55 | 0.72 |
| AABG05A20M820 | 82.0 | 0.890 | 6 | 0.50 | 0.65 |
| AABG05A20M101 | 100.0 | 1.021 | 6 | 0.50 | 0.59 |
| AABG05A40NR22 | 0.22 | 0.006 | 289 | 6.50 | 18.0 |
| AABG05A40NR24 | 0.24 | 0.006 | 251 | 6.40 | 15.7 |
| AABG05A40NR47 | 0.47 | 0.007 | 171 | 6.60 | 10.0 |
| AABG05A40M1R0 | 1.0 | 0.012 | 117 | 4.90 | 7.35 |
| AABG05A40M1R2 | 1.2 | 0.016 | 110 | 4.15 | 6.50 |
| AABG05A40M1R5 | 1.5 | 0.015 | 60 | 4.58 | 6.30 |
| AABG05A40M1R8 | 1.8 | 0.016 | 55 | 4.15 | 5.50 |
| AABG05A40M2R2 | 2.2 | 0.019 | 42 | 4.07 | 4.90 |
| AABG05A40M2R7 | 2.7 | 0.022 | 37 | 3.60 | 4.30 |
| AABG05A40M3R0 | 3.0 | 0.022 | 37 | 3.60 | 4.15 |
| AABG05A40M3R3 | 3.3 | 0.024 | 32 | 3.40 | 3.95 |
| AABG05A40M3R6 | 3.6 | 0.026 | 30 | 3.30 | 3.80 |
| AABG05A40M3R9 | 3.9 | 0.027 | 29 | 3.20 | 3.55 |
| AABG05A40M4R7 | 4.7 | 0.030 | 28 | 3.19 | 3.50 |
| AABG05A40M5R6 | 5.6 | 0.035 | 27 | 2.80 | 3.00 |
| AABG05A40M6R8 | 6.8 | 0.041 | 21 | 2.50 | 2.90 |
| AABG05A40M8R2 | 8.2 | 0.048 | 20 | 2.30 | 2.70 |
| AABG05A40M100 | 10.0 | 0.060 | 18 | 2.16 | 2.35 |
| AABG05A40M120 | 12.0 | 0.077 | 14 | 2.00 | 2.20 |
| AABG05A40M150 | 15.0 | 0.085 | 13 | 2.00 | 2.37 |
| AABG05A40M180 | 18.0 | 0.119 | 12 | 1.45 | 1.70 |
| AABG05A40M220 | 22.0 | 0.129 | 9.0 | 1.50 | 1.60 |
| AABG05A40M270 | 27.0 | 0.188 | 9.8 | 1.10 | 1.52 |
| AABG05A40M330 | 33.0 | 0.184 | 7.0 | 1.20 | 1.30 |
| AABG05A40M470 | 47.0 | 0.272 | 6.0 | 1.00 | 1.10 |
| AABG05A40M510 | 51.0 | 0.380 | 6 | 1.00 | 1.00 |
| AABG05A40M560 | 56.0 | 0.380 | 6 | 0.80 | 1.05 |
| AABG05A40M680 | 68.0 | 0.400 | 6 | 0.80 | 0.90 |
| AABG05A40M750 | 75.0 | 0.450 | 6 | 0.72 | 0.85 |
| AABG05A40M101 | 100.0 | 0.560 | 5 | 0.7 | 0.75 |
| AABG05A40M151 | 150.0 | 0.750 | 3.7 | 0.60 | 0.65 |
| AABG05A40M331 | 330.0 | 2.100 | 2.7 | 0.40 | 0.42 |
| AABG05A45N1R5 | 1.5 | 0.017 | 78.0 | 5.2 | 7.4 |
| AABG05A45M2R2 | 2.2 | 0.022 | 50.0 | 4.7 | 6.4 |
| AABG05A45M3R3 | 3.3 | 0.027 | 36.0 | 4.2 | 6.4 |
| AABG06A20NR50 | 0.5 | 0.012 | 130 | 4.17 | 5.05 |
| AABG06A20NR68 | 0.68 | 0.016 | 120 | 3.91 | 7.73 |

AABG Series

| Part Number | Inductance(μ H) @100KHz/1V | DC Resistance (Ω) \pm 30% | Self-Resonant Frequency (MHz) Min. | Heat Rating Current I _{rms} (A) Max. | Saturation Current I _{sat} (A) Max. |
|---------------|------------------------------------|--------------------------------------------|------------------------------------------|-----------------------------------------------------|----------------------------------------------------|
| AABG06A20NR82 | 0.82 | 0.016 | 110 | 3.91 | 6.80 |
| AABG06A20M1R0 | 1.0 | 0.019 | 94 | 3.35 | 4.27 |
| AABG06A20M1R2 | 1.2 | 0.021 | 88 | 3.30 | 6.08 |
| AABG06A20M1R5 | 1.5 | 0.021 | 79 | 3.30 | 4.38 |
| AABG06A20M1R8 | 1.8 | 0.027 | 68 | 2.83 | 5.00 |
| AABG06A20M2R0 | 2.0 | 0.033 | 64 | 2.52 | 4.43 |
| AABG06A20M2R2 | 2.2 | 0.027 | 61 | 2.83 | 3.86 |
| AABG06A20M2R7 | 2.7 | 0.033 | 56 | 2.68 | 4.02 |
| AABG06A20M3R3 | 3.3 | 0.033 | 51 | 2.68 | 3.24 |
| AABG06A20M3R9 | 3.9 | 0.047 | 46 | 2.16 | 3.35 |
| AABG06A20M4R3 | 4.3 | 0.047 | 44 | 2.16 | 2.78 |
| AABG06A20M4R7 | 4.7 | 0.056 | 41 | 2.06 | 3.09 |
| AABG06A20M5R6 | 5.6 | 0.056 | 36 | 1.96 | 2.47 |
| AABG06A20M6R2 | 6.2 | 0.076 | 35 | 1.85 | 2.37 |
| AABG06A20M6R8 | 6.8 | 0.076 | 31 | 1.85 | 2.27 |
| AABG06A20M8R2 | 8.2 | 0.101 | 28 | 1.44 | 2.16 |
| AABG06A20M100 | 10.0 | 0.101 | 27 | 1.44 | 1.80 |
| AABG06A20M120 | 12.0 | 0.116 | 23 | 1.39 | 1.75 |
| AABG06A20M150 | 15.0 | 0.139 | 21 | 1.24 | 1.55 |
| AABG06A20M180 | 18.0 | 0.168 | 19 | 1.13 | 1.27 |
| AABG06A20M220 | 22.0 | 0.196 | 16 | 1.03 | 1.29 |
| AABG06A20M330 | 33 | 0.3 | 11 | 0.84 | 0.95 |
| AABG06A20M470 | 47 | 0.43 | 10 | 0.8 | 0.7 |
| AABG06A28NR82 | 0.82 | 0.012 | 97 | 5.2 | 6.50 |
| AABG06A28M1R0 | 1.0 | 0.010 | 70 | 5.20 | 5.75 |
| AABG06A28M1R2 | 1.2 | 0.013 | 69 | 4.58 | 6.40 |
| AABG06A28M1R5 | 1.5 | 0.012 | 65 | 4.72 | 6.18 |
| AABG06A28M2R2 | 2.2 | 0.018 | 56 | 4.21 | 5.25 |
| AABG06A28M2R7 | 2.7 | 0.019 | 48 | 3.86 | 3.91 |
| AABG06A28M3R3 | 3.3 | 0.024 | 41 | 3.58 | 3.74 |
| AABG06A28M4R7 | 4.7 | 0.029 | 35 | 3.17 | 3.09 |
| AABG06A28M5R1 | 5.1 | 0.033 | 33 | 2.98 | 3.66 |
| AABG06A28M6R2 | 6.2 | 0.039 | 30 | 2.66 | 3.14 |
| AABG06A28M6R8 | 6.8 | 0.045 | 27 | 2.47 | 2.94 |
| AABG06A28M8R2 | 8.2 | 0.053 | 24 | 2.32 | 2.68 |
| AABG06A28M9R1 | 9.1 | 0.058 | 24 | 2.21 | 2.63 |
| AABG06A28M100 | 10.0 | 0.069 | 23 | 2.01 | 2.10 |
| AABG06A28M120 | 12.0 | 0.077 | 18 | 1.91 | 1.85 |
| AABG06A28M150 | 15.0 | 0.120 | 18 | 1.49 | 1.80 |
| AABG06A28M180 | 18.0 | 0.116 | 15 | 1.49 | 1.57 |

AABG Series

| Part Number | Inductance(μ H) @100KHz/1V | DC Resistance (Ω) \pm 30% | Self-Resonant Frequency (MHz) Min. | Heat Rating Current I _{rms} (A) Max. | Saturation Current I _{sat} (A) Max. |
|---------------|------------------------------------|--------------------------------------------|------------------------------------------|-----------------------------------------------------|----------------------------------------------------|
| AABG06A28M220 | 22.0 | 0.135 | 14 | 1.44 | 1.65 |
| AABG06A28M270 | 27.0 | 0.149 | 13 | 1.36 | 1.55 |
| AABG06A28M330 | 33.0 | 0.200 | 12 | 1.26 | 1.39 |
| AABG06A28M360 | 36.0 | 0.207 | 11 | 1.16 | 1.29 |
| AABG06A28M390 | 39.0 | 0.216 | 11 | 1.13 | 1.29 |
| AABG06A28M430 | 43.0 | 0.226 | 11 | 1.10 | 1.24 |
| AABG06A28M470 | 47.0 | 0.315 | 9.5 | 1.09 | 1.18 |
| AABG06A28M510 | 51.0 | 0.255 | 9.5 | 1.04 | 1.08 |
| AABG06A28M560 | 56.0 | 0.345 | 8.2 | 0.89 | 1.05 |
| AABG06A28M620 | 62.0 | 0.332 | 7.7 | 0.92 | 0.98 |
| AABG06A28M680 | 68.0 | 0.347 | 7.7 | 0.89 | 0.98 |
| AABG06A28M750 | 75.0 | 0.395 | 7.7 | 0.83 | 0.93 |
| AABG06A28M820 | 82.0 | 0.428 | 7.7 | 0.80 | 0.93 |
| AABG06A28M910 | 91.0 | 0.486 | 7.7 | 0.75 | 0.82 |
| AABG06A28M101 | 100.0 | 0.524 | 7.1 | 0.72 | 0.77 |
| AABG06A45NR47 | 0.47 | 0.006 | 155 | 6.50 | 15.0 |
| AABG06A45NR56 | 0.56 | 0.006 | 142 | 6.50 | 14.0 |
| AABG06A45NR68 | 0.68 | 0.006 | 99 | 5.70 | 11.0 |
| AABG06A45NR82 | 0.82 | 0.007 | 140 | 6.08 | 10.71 |
| AABG06A45M1R0 | 1.0 | 0.010 | 100 | 5.29 | 10.15 |
| AABG06A45M1R2 | 1.2 | 0.010 | 100 | 5.56 | 8.60 |
| AABG06A45M1R3 | 1.3 | 0.010 | 100 | 5.40 | 8.35 |
| AABG06A45M1R5 | 1.5 | 0.011 | 65 | 5.10 | 9.06 |
| AABG06A45M1R8 | 1.8 | 0.011 | 74 | 5.10 | 7.83 |
| AABG06A45M2R2 | 2.2 | 0.014 | 52 | 4.74 | 6.95 |
| AABG06A45M2R3 | 2.3 | 0.020 | 60 | 3.61 | 6.18 |
| AABG06A45M2R7 | 2.7 | 0.020 | 38 | 4.43 | 5.92 |
| AABG06A45M3R0 | 3.0 | 0.019 | 35 | 3.91 | 5.77 |
| AABG06A45M3R3 | 3.3 | 0.020 | 32 | 3.81 | 6.08 |
| AABG06A45M3R6 | 3.6 | 0.020 | 28 | 3.81 | 5.41 |
| AABG06A45M4R3 | 4.3 | 0.021 | 23 | 3.61 | 4.58 |
| AABG06A45M4R5 | 4.5 | 0.026 | 24 | 3.30 | 4.97 |
| AABG06A45M4R7 | 4.7 | 0.024 | 24 | 3.40 | 5.12 |
| AABG06A45M5R1 | 5.1 | 0.024 | 23 | 3.40 | 4.53 |
| AABG06A45M5R6 | 5.6 | 0.027 | 23 | 3.24 | 4.27 |
| AABG06A45M6R2 | 6.2 | 0.030 | 26 | 3.09 | 4.56 |
| AABG06A45M6R3 | 6.3 | 0.031 | 26 | 3.00 | 4.43 |
| AABG06A45M6R8 | 6.8 | 0.030 | 20 | 3.09 | 4.02 |
| AABG06A45M7R5 | 7.5 | 0.033 | 18 | 2.99 | 3.61 |
| AABG06A45M8R2 | 8.2 | 0.041 | 21 | 2.68 | 4.02 |

AABG Series

| Part Number | Inductance(μ H) @100KHz/1V | DC Resistance (Ω) \pm 30% | Self-Resonant Frequency (MHz) Min. | Heat Rating Current I _{rms} (A) Max. | Saturation Current I _{sat} (A) Max. |
|---------------|------------------------------------|--------------------------------------------|------------------------------------------|-----------------------------------------------------|----------------------------------------------------|
| AABG06A45M9R1 | 9.1 | 0.041 | 17 | 2.68 | 3.45 |
| AABG06A45M100 | 10.0 | 0.046 | 15 | 2.52 | 3.30 |
| AABG06A45M120 | 12.0 | 0.056 | 13 | 2.27 | 2.88 |
| AABG06A45M150 | 15.0 | 0.065 | 12 | 2.11 | 2.58 |
| AABG06A45M180 | 18.0 | 0.078 | 10 | 1.91 | 2.27 |
| AABG06A45M220 | 22.0 | 0.110 | 10 | 1.85 | 2.11 |
| AABG06A45M270 | 27.0 | 0.098 | 9.2 | 1.70 | 1.96 |
| AABG06A45M300 | 30.0 | 0.127 | 7.8 | 1.55 | 1.75 |
| AABG06A45M330 | 33.0 | 0.137 | 7.8 | 1.49 | 1.70 |
| AABG06A45M360 | 36.0 | 0.166 | 7.8 | 1.44 | 1.67 |
| AABG06A45M390 | 39.0 | 0.173 | 7.8 | 1.29 | 1.55 |
| AABG06A45M430 | 43.0 | 0.193 | 7.7 | 1.24 | 1.68 |
| AABG06A45M470 | 47.0 | 0.193 | 6.4 | 1.24 | 1.44 |
| AABG06A45M510 | 51.0 | 0.199 | 6.4 | 1.18 | 1.39 |
| AABG06A45M560 | 56.0 | 0.25 | 6.4 | 1.13 | 1.34 |
| AABG06A45M620 | 62.0 | 0.226 | 6.4 | 1.13 | 1.29 |
| AABG06A45M680 | 68.0 | 0.278 | 6.4 | 1.03 | 1.24 |
| AABG06A45M750 | 75.0 | 0.293 | 5 | 0.98 | 1.18 |
| AABG06A45M820 | 82.0 | 0.328 | 4.9 | 0.93 | 1.08 |
| AABG06A45M910 | 91.0 | 0.345 | 4.9 | 0.88 | 1.03 |
| AABG06A45M101 | 100.0 | 0.416 | 4.2 | 0.82 | 0.98 |
| AABG06A45M121 | 120.0 | 0.466 | 4.2 | 0.79 | 0.88 |
| AABG06A45M151 | 150.0 | 0.559 | 4.2 | 0.72 | 0.82 |
| AABG06A45M221 | 220.0 | 0.803 | 3.5 | 0.61 | 0.72 |
| AABG06A45M331 | 330.0 | 1.270 | 2.8 | 0.59 | 0.59 |
| AABG06A45M471 | 470.0 | 2.600 | 2.1 | 0.20 | 0.20 |
| AABG06A55M3R3 | 3.3 | 0.019 | 32 | 3.99 | 6.07 |
| AABG06A55M4R7 | 4.7 | 0.024 | 24 | 3.63 | 4.95 |
| AABG06A55M6R8 | 6.8 | 0.026 | 20 | 3.53 | 3.94 |
| AABG06A55M8R2 | 8.2 | 0.037 | 21 | 2.93 | 3.93 |
| AABG06A55M100 | 10.0 | 0.041 | 15 | 2.73 | 3.34 |
| AABG06A55M150 | 15.0 | 0.056 | 12 | 2.37 | 2.56 |
| AABG06A55M220 | 22.0 | 0.076 | 10 | 2.03 | 2.27 |
| AABG06A55M330 | 33.0 | 0.130 | 7.8 | 1.56 | 1.66 |
| AABG06A55M470 | 47.0 | 0.193 | 6.4 | 1.26 | 1.62 |
| AABG06A55M680 | 68.0 | 0.271 | 6.4 | 1.02 | 1.26 |
| AABG06A55M101 | 100.0 | 0.333 | 4.2 | 0.96 | 1.06 |
| AABG06A55M151 | 150.0 | 0.527 | 4.2 | 0.76 | 0.92 |
| AABG06A55M221 | 220.0 | 0.796 | 3.5 | 0.61 | 0.71 |
| AABG06A55M331 | 330.0 | 1.232 | 2.8 | 0.50 | 0.57 |

AABG Series

| Part Number | Inductance(μ H) @100KHz/1V | DC Resistance (Ω) \pm 30% | Self-Resonant Frequency (MHz) Min. | Heat Rating Current I _{rms} (A) Max. | Saturation Current I _{sat} (A) Max. |
|---------------|------------------------------------|--------------------------------------------|------------------------------------------|-----------------------------------------------------|----------------------------------------------------|
| AABG08A40NR82 | 0.82 | 0.007 | 94 | 6.49 | 14.21 |
| AABG08A40M1R0 | 1.0 | 0.007 | 89 | 6.49 | 10.15 |
| AABG08A40M1R2 | 1.2 | 0.010 | 59 | 5.65 | 10.0 |
| AABG08A40M1R5 | 1.5 | 0.010 | 67 | 5.82 | 8.39 |
| AABG08A40M2R0 | 2.0 | 0.011 | 43 | 5.30 | 9.53 |
| AABG08A40M2R2 | 2.2 | 0.011 | 41 | 5.30 | 7.31 |
| AABG08A40M3R0 | 3.0 | 0.013 | 32 | 4.84 | 6.28 |
| AABG08A40M3R3 | 3.3 | 0.016 | 27 | 4.53 | 6.70 |
| AABG08A40M3R6 | 3.6 | 0.016 | 30 | 4.48 | 7.75 |
| AABG08A40M3R9 | 3.9 | 0.016 | 26 | 4.48 | 5.92 |
| AABG08A40M4R7 | 4.7 | 0.018 | 24 | 4.22 | 6.08 |
| AABG08A40M5R1 | 5.1 | 0.018 | 22 | 4.17 | 4.84 |
| AABG08A40M5R6 | 5.6 | 0.020 | 24 | 3.97 | 6.18 |
| AABG08A40M6R2 | 6.2 | 0.020 | 20 | 3.97 | 4.58 |
| AABG08A40M6R8 | 6.8 | 0.023 | 20 | 3.71 | 4.69 |
| AABG08A40M8R2 | 8.2 | 0.024 | 17 | 3.55 | 4.33 |
| AABG08A40M100 | 10.0 | 0.028 | 15 | 3.30 | 3.71 |
| AABG08A40M120 | 12.0 | 0.041 | 13 | 2.80 | 3.50 |
| AABG08A40M150 | 15.0 | 0.045 | 12 | 2.68 | 3.04 |
| AABG08A40M180 | 18.0 | 0.050 | 11 | 2.47 | 2.78 |
| AABG08A40M220 | 22.0 | 0.066 | 9.5 | 2.16 | 2.47 |
| AABG08A40M270 | 27.0 | 0.075 | 9.2 | 2.06 | 2.21 |
| AABG08A40M330 | 33.0 | 0.097 | 7.8 | 1.85 | 2.11 |
| AABG08A40M360 | 36.0 | 0.098 | 7.8 | 1.80 | 2.06 |
| AABG08A40M390 | 39.0 | 0.103 | 7.8 | 1.75 | 2.01 |
| AABG08A40M430 | 43.0 | 0.108 | 7.8 | 1.70 | 1.96 |
| AABG08A40M470 | 47.0 | 0.130 | 6.4 | 1.60 | 1.80 |
| AABG08A40M510 | 51.0 | 0.136 | 6.4 | 1.55 | 1.75 |
| AABG08A40M560 | 56.0 | 0.148 | 6.4 | 1.49 | 1.60 |
| AABG08A40M620 | 62.0 | 0.175 | 6.4 | 1.34 | 1.55 |
| AABG08A40M680 | 68.0 | 0.188 | 4.9 | 1.29 | 1.49 |
| AABG08A40M750 | 75.0 | 0.203 | 4.9 | 1.24 | 1.39 |
| AABG08A40M820 | 82.0 | 0.225 | 5.9 | 1.18 | 1.34 |
| AABG08A40M910 | 91.0 | 0.261 | 4.9 | 1.08 | 1.24 |
| AABG08A40M101 | 100.0 | 0.279 | 4.2 | 1.03 | 1.18 |
| AABG08A40M121 | 120.0 | 0.321 | 3.5 | 0.98 | 1.08 |
| AABG08A40M151 | 150.0 | 0.410 | 3.5 | 0.88 | 1.13 |
| AABG08A40M181 | 180.0 | 0.520 | 3.5 | 0.83 | 0.95 |
| AABG08A40M221 | 220.0 | 0.576 | 3.5 | 0.82 | 0.88 |
| AABG08A40M331 | 330.0 | 0.856 | 2.8 | 0.64 | 0.70 |

AABG Series

| Part Number | Inductance(μ H) @100KHz/1V | DC Resistance (Ω) \pm 30% | Self-Resonant Frequency (MHz) Min. | Heat Rating Current I _{rms} (A) Max. | Saturation Current I _{sat} (A) Max. |
|---------------|------------------------------------|--------------------------------------------|------------------------------------------|-----------------------------------------------------|----------------------------------------------------|
| AABG08A40M471 | 470.0 | 1.500 | 2.1 | 0.54 | 0.60 |
| AABG08A40M561 | 560.0 | 2.000 | 1.6 | 0.30 | 0.30 |
| AABG08A40M681 | 680.0 | 2.200 | 1.2 | 0.25 | 0.25 |
| AABG08A40M821 | 820.0 | 3.000 | 0.8 | 0.20 | 0.20 |
| AABG08A40M102 | 1000.0 | 4.000 | 0.5 | 0.15 | 0.15 |
| AABG08A50M1R0 | 1.0 | 0.008 | 89 | 6.36 | 9.90 |
| AABG08A50M1R5 | 1.5 | 0.010 | 67 | 5.71 | 8.19 |
| AABG08A50M2R2 | 2.2 | 0.012 | 41 | 5.20 | 7.18 |
| AABG08A50M3R3 | 3.3 | 0.017 | 27 | 4.45 | 6.56 |
| AABG08A50M4R7 | 4.7 | 0.019 | 24 | 4.15 | 5.96 |
| AABG08A50M6R8 | 6.8 | 0.024 | 20 | 3.64 | 5.56 |
| AABG08A50M8R2 | 8.2 | 0.027 | 19.4 | 3.44 | 5.06 |
| AABG08A50M100 | 10.0 | 0.029 | 15 | 3.23 | 4.95 |
| AABG08A50M150 | 15.0 | 0.046 | 12 | 2.57 | 3.99 |
| AABG08A50M220 | 22.0 | 0.066 | 9.5 | 2.27 | 3.28 |
| AABG08A50M330 | 33.0 | 0.092 | 7.8 | 1.82 | 2.73 |
| AABG08A50M470 | 47.0 | 0.132 | 6.4 | 1.52 | 2.32 |
| AABG08A50M680 | 68.0 | 0.187 | 4.9 | 1.26 | 1.77 |
| AABG08A50M101 | 100.0 | 0.241 | 4.2 | 1.12 | 1.52 |
| AABG08A50M151 | 150.0 | 0.322 | 3.5 | 0.96 | 1.12 |
| AABG08A50M221 | 220.0 | 0.566 | 3.5 | 0.71 | 0.86 |
| AABG08A50M331 | 330.0 | 0.835 | 2.8 | 0.60 | 0.69 |
| AABG08A50M471 | 470.0 | 1.184 | 1.9 | 0.5 | 0.7 |
| AABG08A50M102 | 1000.0 | 2.040 | 1.5 | 0.34 | 0.33 |
| AABG08A65MR68 | 0.68 | 0.006 | 100 | 7.65 | 24.5 |
| AABG08A65M1R0 | 1.0 | 0.008 | 96 | 7.13 | 20.3 |
| AABG08A65M2R2 | 2.2 | 0.012 | 45 | 4.56 | 12.2 |
| AABG08A65M3R3 | 3.3 | 0.013 | 27 | 5.25 | 9.78 |
| AABG08A65M4R7 | 4.7 | 0.016 | 18 | 4.84 | 8.75 |
| AABG08A65M5R6 | 5.6 | 0.020 | 17 | 4.63 | 8.24 |
| AABG08A65M6R8 | 6.8 | 0.020 | 16 | 4.63 | 7.72 |
| AABG08A65M8R2 | 8.2 | 0.023 | 15 | 4.32 | 7.21 |
| AABG08A65M100 | 10.0 | 0.033 | 13 | 3.26 | 8.15 |
| AABG08A65M150 | 15.0 | 0.040 | 10 | 3.35 | 5.80 |
| AABG08A65M220 | 22.0 | 0.055 | 8 | 2.76 | 4.42 |
| AABG08A65M470 | 47.0 | 0.11 | 7 | 1.88 | 3.46 |
| AABG08A65M560 | 56.0 | 0.15 | 6 | 1.38 | 3.25 |
| AABG08A65M680 | 68.0 | 0.16 | 5 | 1.57 | 2.40 |
| AABG08A65M101 | 100.0 | 0.21 | 3.1 | 1.37 | 2.03 |
| AABG08A65M151 | 150.0 | 0.33 | 2.5 | 0.97 | 1.63 |
| AABG08A65M221 | 220.0 | 0.49 | 2.0 | 0.81 | 1.22 |

AABG Series

| Part Number | Inductance(μ H) @100KHz/1V | DC Resistance (Ω) \pm 30% | Self-Resonant Frequency (MHz) Min. | Heat Rating Current I _{rms} (A) Max. | Saturation Current I _{sat} (A) Max. |
|---------------|------------------------------------|--------------------------------------------|------------------------------------------|-----------------------------------------------------|----------------------------------------------------|
| AABG08A65M331 | 330.0 | 0.64 | 1.7 | 0.77 | 1.03 |
| AABG08A65M431 | 430.0 | 0.90 | 1.5 | 0.62 | 0.97 |
| AABG08A65M471 | 470.0 | 1.15 | 1.4 | 0.56 | 1.02 |
| AABG08A65M681 | 680.0 | 1.48 | 1.0 | 0.52 | 0.87 |
| AABG08A65M102 | 1000.0 | 2.15 | 1.1 | 0.41 | 0.66 |
| AABG08A65M152 | 1500.0 | 3.34 | 0.7 | 0.33 | 0.55 |
| AABG08A65M222 | 2200.0 | 4.60 | 0.7 | 0.27 | 0.46 |
| AABG08A65M332 | 3300.0 | 6.70 | 0.7 | 0.24 | 0.36 |

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