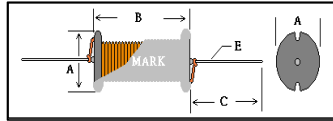


Power Axial Line Chokes AMPA1.5



- A: 0.28" max
- B: 0.55" max
- C: 1.15" nominal
- E: 20AWG/TCW

Characteristics

| | |
|------------------------------------|---|
| Operating temperature | -55°C to +125°C |
| Inductance tolerance | +/- 10% |
| Testing (Equivalent acceptable) | L measured on CH-100 1KHz IDC : CH-301 current source & DCR meter RDC : CH-301 current source & DCR meter |
| Rated current | Based on the inductance change within 10% of initial value and temperature rise of initial value less than 30 degree C within coil body. |
| Marking | Inductance code |
| Packaging | Tape & reel, 1000 pcs per reel Bulk 200 pcs/Bag |

| PART NUMBER | L (uH) | TEST FREQ | DCR (Ohms) | | Suggested Rated Current | |
|--------------|--------|-----------|------------|---------------|-------------------------|-----------|
| | | | Max | DC (Amps) Max | DC (Amps) Max | AC (Amps) |
| AMPA1.5-1R0K | 1.0 | 1KHz | 0.010 | 9 | 6.2 | |
| AMPA1.5-1R2K | 1.2 | 1KHz | 0.011 | 8.8 | 5.6 | |
| AMPA1.5-1R5K | 1.5 | 1KHz | 0.012 | 8.7 | 5 | |
| AMPA1.5-1R8K | 1.8 | 1KHz | 0.013 | 8.6 | 4.4 | |
| AMPA1.5-2R2K | 2.2 | 1KHz | 0.015 | 8.5 | 4 | |
| AMPA1.5-2R7K | 2.7 | 1KHz | 0.017 | 8.4 | 3.7 | |
| AMPA1.5-3R3K | 3.3 | 1KHz | 0.020 | 8.3 | 3.4 | |
| AMPA1.5-3R9K | 3.9 | 1KHz | 0.021 | 7.9 | 3.1 | |
| AMPA1.5-4R7K | 4.7 | 1KHz | 0.023 | 7.4 | 2.8 | |
| AMPA1.5-5R6K | 5.6 | 1KHz | 0.024 | 7 | 2.6 | |
| AMPA1.5-6R8K | 6.8 | 1KHz | 0.038 | 6.1 | 2.3 | |
| AMPA1.5-8R2K | 8.2 | 1KHz | 0.047 | 5.1 | 2 | |
| AMPA1.5-100K | 10 | 1KHz | 0.053 | 4.3 | 1.8 | |
| AMPA1.5-120K | 12 | 1KHz | 0.068 | 3.9 | 1.7 | |
| AMPA1.5-150K | 15 | 1KHz | 0.078 | 3.5 | 1.6 | |
| AMPA1.5-180K | 18 | 1KHz | 0.083 | 3.2 | 1.5 | |
| AMPA1.5-220K | 22 | 1KHz | 0.120 | 2.8 | 1.3 | |
| AMPA1.5-270K | 27 | 1KHz | 0.140 | 2.3 | 1.2 | |
| AMPA1.5-330K | 33 | 1KHz | 0.170 | 1.9 | 1.1 | |
| AMPA1.5-390K | 39 | 1KHz | 0.190 | 1.8 | 1.03 | |
| AMPA1.5-470K | 47 | 1KHz | 0.215 | 1.77 | 0.93 | |
| AMPA1.5-560K | 56 | 1KHz | 0.236 | 1.71 | 0.9 | |
| AMPA1.5-680K | 68 | 1KHz | 0.305 | 1.43 | 0.82 | |
| AMPA1.5-820K | 82 | 1KHz | 0.357 | 1.14 | 0.75 | |
| AMPA1.5-101K | 100 | 1KHz | 0.452 | 0.95 | 0.68 | |
| AMPA1.5-121K | 120 | 1KHz | 0.530 | 0.88 | 0.63 | |
| AMPA1.5-151K | 150 | 1KHz | 0.609 | 0.82 | 0.58 | |
| AMPA1.5-181K | 180 | 1KHz | 0.809 | 0.75 | 0.54 | |
| AMPA1.5-221K | 220 | 1KHz | 1.10 | 0.69 | 0.48 | |
| AMPA1.5-271K | 270 | 1KHz | 1.27 | 0.64 | 0.43 | |
| AMPA1.5-331K | 330 | 1KHz | 1.42 | 0.59 | 0.38 | |
| AMPA1.5-391K | 390 | 1KHz | 1.89 | 0.54 | 0.34 | |
| AMPA1.5-471K | 470 | 1KHz | 2.21 | 0.49 | 0.31 | |
| AMPA1.5-561K | 560 | 1KHz | 2.20 | 0.46 | 0.28 | |
| AMPA1.5-681K | 680 | 1KHz | 2.73 | 0.43 | 0.25 | |
| AMPA1.5-821K | 820 | 1KHz | 3.78 | 0.4 | 0.23 | |
| AMPA1.5-102K | 1000 | 1KHz | 4.20 | 0.37 | 0.21 | |
| AMPA1.5-122K | 1200 | 1KHz | 5.51 | 0.32 | 0.19 | |
| AMPA1.5-152K | 1500 | 1KHz | 7.35 | 0.29 | 0.17 | |
| AMPA1.5-182K | 1800 | 1KHz | 8.66 | 0.25 | 0.16 | |
| AMPA1.5-222K | 2200 | 1KHz | 9.71 | 0.22 | 0.14 | |
| AMPA1.5-272K | 2700 | 1KHz | 11.29 | 0.2 | 0.13 | |
| AMPA1.5-332K | 3300 | 1KHz | 15.60 | 0.18 | 0.12 | |
| AMPA1.5-392K | 3900 | 1KHz | 20.74 | 0.16 | 0.11 | |
| AMPA1.5-472K | 4700 | 1KHz | 23.10 | 0.14 | 0.1 | |
| AMPA1.5-562K | 5600 | 1KHz | 26.40 | 0.12 | .082 | |
| AMPA1.5-682K | 6800 | 1KHz | 29.90 | 0.1 | .082 | |
| AMPA1.5-822K | 8200 | 1KHz | 32.20 | 0.08 | .065 | |
| AMPA1.5-103K | 10000 | 1KHz | 38.10 | 0.06 | .050 | |
| AMPA1.5-123K | 12000 | 1KHz | 45.20 | 0.04 | .050 | |
| AMPA1.5-153K | 15000 | 1KHz | 48.30 | 0.04 | .039 | |
| AMPA1.5-183K | 18000 | 1KHz | 52.50 | 0.04 | .039 | |



AMT

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