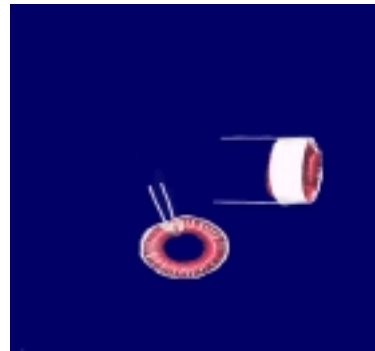


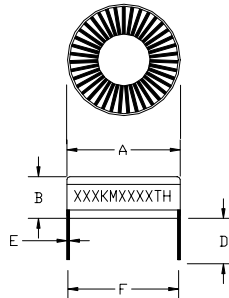
Open Construction High Efficiency Toroidal Chokes

Rev 4

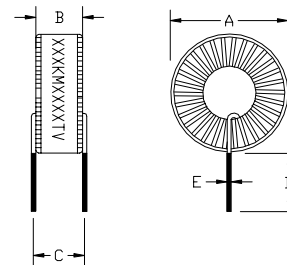


- **Excellent electromagnetic shielding performance for commercial and industrial applications.**
- **Cost-effective design.**
- **Current rating from 1.69 to 14.5 amps.**
- **Inductance values from 10 μ H to 1000 μ H.**

Horizontal Configuration



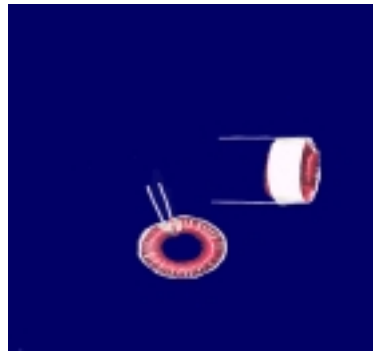
Vertical Configuration



| MNA Part Number | L μ H @ 1kHz +/- 10% | Current Rating ADC | Inc-I ADC Δ L 10% | Inc-I ADC Δ L 20% | DCR Ω Max | SRF Min MHz | A Dim Nom | B Dim Nom | C Dim Nom | D Dim Nom | E Dim Nom | F Dim Nom |
|-----------------|--------------------------|--------------------|--------------------------|--------------------------|------------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|
| 050KM1002T | 10 | 7.36 | 1.70 | 3.30 | 0.010 | 35.0 | 0.625 | 0.300 | 0.250 | 0.500 | 0.036 | 0.600 |
| 050KM2502T | 25 | 5.20 | 1.00 | 1.90 | 0.020 | 10.0 | 0.625 | 0.300 | 0.250 | 0.500 | 0.032 | 0.600 |
| 050KM5002T | 50 | 3.93 | 0.70 | 1.30 | 0.035 | 7.0 | 0.625 | 0.300 | 0.250 | 0.500 | 0.028 | 0.600 |
| 050KM7502T | 75 | 3.47 | 0.60 | 1.10 | 0.045 | 5.0 | 0.625 | 0.300 | 0.250 | 0.500 | 0.025 | 0.600 |
| 050KM1003T | 100 | 3.14 | 0.50 | 0.96 | 0.055 | 4.0 | 0.625 | 0.300 | 0.250 | 0.500 | 0.025 | 0.600 |
| 050KM1503T | 150 | 2.33 | 0.40 | 0.78 | 0.100 | 2.0 | 0.625 | 0.300 | 0.250 | 0.500 | 0.020 | 0.600 |
| 050KM2003T | 200 | 1.97 | 0.35 | 0.65 | 0.140 | 1.7 | 0.625 | 0.300 | 0.250 | 0.500 | 0.018 | 0.600 |
| 050KM2503T | 250 | 1.84 | 0.31 | 0.59 | 0.160 | 1.5 | 0.625 | 0.300 | 0.250 | 0.500 | 0.018 | 0.600 |
| 050KM3303T | 330 | 1.69 | 0.27 | 0.50 | 0.190 | 1.0 | 0.625 | 0.300 | 0.250 | 0.500 | 0.018 | 0.600 |
| 121KM1002T | 10 | 8.27 | 5.30 | 9.10 | 0.010 | 20.0 | 0.820 | 0.400 | 0.320 | 0.500 | 0.040 | 0.780 |
| 121KM2502T | 25 | 6.34 | 3.30 | 5.70 | 0.017 | 8.0 | 0.820 | 0.400 | 0.320 | 0.500 | 0.040 | 0.780 |
| 121KM5002T | 50 | 4.77 | 2.30 | 4.00 | 0.030 | 4.0 | 0.820 | 0.400 | 0.320 | 0.500 | 0.036 | 0.780 |
| 121KM7502T | 75 | 3.90 | 1.80 | 3.10 | 0.045 | 3.0 | 0.820 | 0.400 | 0.320 | 0.500 | 0.032 | 0.780 |
| 121KM1003T | 100 | 3.24 | 1.60 | 2.80 | 0.065 | 2.0 | 0.820 | 0.400 | 0.320 | 0.500 | 0.028 | 0.780 |
| 121KM1503T | 150 | 2.68 | 1.30 | 2.20 | 0.095 | 1.5 | 0.850 | 0.400 | 0.320 | 0.500 | 0.025 | 0.780 |
| 121KM2503T | 250 | 2.07 | 0.90 | 1.70 | 0.160 | 1.0 | 0.850 | 0.400 | 0.320 | 0.500 | 0.023 | 0.780 |
| 059KM1002T | 10 | 14.50 | 7.60 | 13.00 | 0.008 | 20.0 | 1.100 | 0.475 | 0.370 | 0.500 | 0.051 | 1.050 |
| 059KM2502T | 25 | 9.80 | 4.70 | 8.30 | 0.011 | 8.0 | 1.100 | 0.475 | 0.370 | 0.500 | 0.051 | 1.050 |

**Open Construction High
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| MNA Part Number | L μ H @ 1kHz +- 10% | Current Rating ADC | Inc-I ADC Δ L 10% | Inc-I ADC Δ L 20% | DCR Ω Max | SRF Min MHz | A Dim Nom | B Dim Nom | C Dim Nom | D Dim Nom | E Dim Nom | F Dim Nom |
|--------------------|-------------------------------------|--------------------------|-----------------------------------|-----------------------------------|------------------------|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 059KM5002T | 50 | 6.90 | 3.30 | 5.70 | 0.022 | 4.0 | 1.100 | 0.475 | 0.370 | 0.500 | 0.045 | 1.050 |
| 059KM7502T | 75 | 5.90 | 3.00 | 4.90 | 0.030 | 3.0 | 1.100 | 0.475 | 0.370 | 0.500 | 0.040 | 1.050 |
| 059KM1003T | 100 | 4.90 | 2.40 | 4.20 | 0.044 | 2.0 | 1.100 | 0.475 | 0.370 | 0.500 | 0.036 | 1.050 |
| 059KM1503T | 150 | 4.50 | 1.90 | 3.40 | 0.052 | 1.0 | 1.100 | 0.475 | 0.450 | 0.500 | 0.036 | 1.050 |
| 059KM2503T | 250 | 3.50 | 1.50 | 2.70 | 0.088 | 1.0 | 1.150 | 0.475 | 0.450 | 0.500 | 0.032 | 1.050 |
| 059KM5003T | 500 | 2.60 | 1.10 | 1.80 | 0.160 | 0.8 | 1.150 | 0.475 | 0.450 | 0.500 | 0.028 | 1.050 |
| 059KM7503T | 750 | 2.10 | 0.90 | 1.60 | 0.240 | 0.6 | 1.150 | 0.475 | 0.450 | 0.500 | 0.025 | 1.050 |
| 894KM2502T | 25 | 12.80 | 6.60 | 11.00 | 0.012 | 8.0 | 1.300 | 0.650 | 0.600 | 0.750 | 0.051 | 1.250 |
| 894KM5002T | 50 | 9.90 | 4.20 | 7.40 | 0.016 | 4.0 | 1.300 | 0.650 | 0.600 | 0.750 | 0.051 | 1.250 |
| 894KM7502T | 75 | 8.00 | 3.70 | 6.40 | 0.023 | 3.0 | 1.300 | 0.650 | 0.600 | 0.750 | 0.051 | 1.250 |
| 894KM1003T | 100 | 8.00 | 3.50 | 6.00 | 0.023 | 2.0 | 1.300 | 0.650 | 0.600 | 0.750 | 0.051 | 1.250 |
| 894KM1503T | 150 | 6.50 | 2.30 | 4.30 | 0.035 | 1.0 | 1.300 | 0.650 | 0.600 | 0.750 | 0.045 | 1.250 |
| 894KM2503T | 250 | 5.00 | 1.90 | 3.20 | 0.060 | 1.0 | 1.300 | 0.650 | 0.600 | 0.750 | 0.040 | 1.250 |
| 894KM5003T | 500 | 3.40 | 1.40 | 2.50 | 0.131 | 0.8 | 1.300 | 0.650 | 0.600 | 0.750 | 0.032 | 1.250 |
| 894KM7503T | 750 | 3.00 | 1.20 | 2.10 | 0.160 | 0.6 | 1.300 | 0.650 | 0.600 | 0.750 | 0.032 | 1.250 |
| 894KM1004T | 1000 | 2.40 | 1.00 | 1.80 | 0.235 | 0.4 | 1.300 | 0.650 | 0.600 | 0.750 | 0.028 | 1.250 |

- Add suffix "V" to part number for vertical configuration.
- Add suffix "H" to part number for horizontal configuration.
- Rated current is based on a 40° C temperature rise at an ambient temperature of 90° C.
- Incremental current is the approximate value that will cause a percentage drop in inductance as indicated in the table.