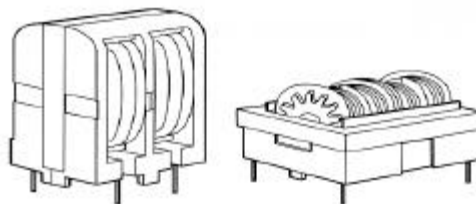


SWITCHMODE / HIGH FREQUENCY COMMON MODE CHOKE COILS

80051 REV D

DESCRIPTION : Common-mode choke coils are useful in a wide range of prevention of electromagnetic interference (EMI) and radio frequency interference (RFI) from power supply lines and for prevention of malfunctioning of various electronic equipment. Features include low leakage flux, high self-resonant frequency, high impedance at applicable frequency and low stray capacitance in section winding.



VERTICAL CONFIGURATION

| Part No. | Figure | .25V 10 kHz Inductance (mH) Min. | Inductance Difference (uH) Max | DCR Max (Ohms) | Rated Current (VAC) | Dimension WxLxH (mm) | Pin Mounting AxB (mm) | Weight Oz. |
|------------|--------|----------------------------------|--------------------------------|----------------|---------------------|----------------------|-----------------------|------------|
| UT2024-006 | A | 9.00 | 300 | 1.40 | 0.50 | 22X17X22 | 13.0x10.0 | 0.52 |
| UT2024-007 | A | 4.50 | 250 | 0.75 | 0.60 | 22X17X22 | 13.0x10.0 | 0.52 |
| UT2024-008 | A | 2.50 | 200 | 0.40 | 0.70 | 22X17X22 | 13.0x10.0 | 0.52 |
| UT2024-009 | A | 1.10 | 150 | 0.25 | 0.90 | 22X17X22 | 13.0x10.0 | 0.52 |
| UT2024-010 | A | 0.45 | 100 | 0.13 | 1.00 | 22X17X22 | 13.0x10.0 | 0.52 |
| ET2432-018 | B | 36.00 | 400 | 2.70 | 0.50 | 25X19X32 | 13.0x10.0 | 0.88 |
| ET2432-019 | B | 24.00 | 350 | 1.60 | 0.60 | 25X19X32 | 13.0x10.0 | 0.88 |
| ET2432-020 | B | 9.20 | 300 | 0.75 | 0.70 | 25X19X32 | 13.0x10.0 | 0.88 |
| ET2432-021 | B | 7.80 | 250 | 0.50 | 0.90 | 25X19X32 | 13.0x10.0 | 0.88 |
| ET2432-022 | B | 5.20 | 200 | 0.34 | 1.00 | 25X19X32 | 13.0x10.0 | 0.88 |
| ET2432-023 | B | 3.60 | 150 | 0.25 | 1.50 | 25X19X32 | 13.0x10.0 | 0.88 |
| ET2432-024 | B | 3.20 | 100 | 0.20 | 2.00 | 25X19X32 | 13.0x10.0 | 0.88 |
| ET2835-034 | B | 120.00 | 2,500 | 2.60 | 0.50 | 30X22X35 | 13.0x10.0 | 1.40 |
| ET2835-035 | B | 92.00 | 2,000 | 2.00 | 0.60 | 30X22X35 | 13.0x10.0 | 1.40 |
| ET2835-036 | B | 66.00 | 1,500 | 1.50 | 0.70 | 30X22X35 | 13.0x10.0 | 1.40 |
| ET2835-037 | B | 36.00 | 1,000 | 0.80 | 0.90 | 30X22X35 | 13.0x10.0 | 1.40 |
| ET2835-038 | B | 25.00 | 500 | 0.60 | 1.00 | 30X22X35 | 13.0x10.0 | 1.40 |
| ET2835-039 | B | 15.50 | 350 | 0.32 | 1.50 | 30X22X35 | 13.0x10.0 | 1.40 |
| ET2835-040 | B | 10.00 | 200 | 0.25 | 2.00 | 30X22X35 | 13.0x10.0 | 1.40 |
| ET2835-041 | B | 8.00 | 150 | 0.19 | 2.50 | 30X22X35 | 13.0x10.0 | 1.40 |
| ET2835-042 | B | 5.00 | 100 | 0.10 | 3.00 | 30X22X35 | 13.0x10.0 | 1.40 |
| ET3542-051 | B | 33.00 | 1,000 | 0.50 | 1.50 | 36X27X42 | 21.0x15.0 | 2.60 |
| ET3542-052 | B | 22.00 | 700 | 0.40 | 1.80 | 36X27X42 | 21.0x15.0 | 2.60 |
| ET3542-053 | B | 18.00 | 500 | 0.30 | 2.00 | 36X27X42 | 21.0x15.0 | 2.60 |
| ET3542-054 | B | 12.00 | 350 | 0.20 | 2.50 | 36X27X42 | 21.0x15.0 | 2.60 |
| ET3542-055 | B | 10.00 | 300 | 0.15 | 2.70 | 36X27X42 | 21.0x15.0 | 2.60 |
| ET3542-056 | B | 8.10 | 250 | 0.12 | 3.00 | 36X27X42 | 21.0x15.0 | 2.60 |
| ET3542-057 | B | 6.00 | 200 | 0.10 | 3.50 | 36X27X42 | 21.0x15.0 | 2.60 |
| ET3542-058 | B | 4.70 | 150 | 0.08 | 4.00 | 36X27X42 | 21.0x15.0 | 2.60 |

HORIZONTAL CONFIGURATION

| Part No. | Figure | Inductance (mH) Min. | Inductance Difference (uH) Max | DCR Max (Ohms) | Rated Current (VAC) | Dimension WxLxH (mm) | Pin Mounting AxB (mm) | Weight Oz. |
|------------|--------|----------------------|--------------------------------|----------------|---------------------|----------------------|-----------------------|------------|
| UT2020-001 | C | 9.00 | 300 | 1.40 | 0.50 | 22x22x22 | 13.0x10.0 | 0.52 |
| UT2020-002 | C | 4.50 | 250 | 0.75 | 0.60 | 22x22x22 | 13.0x10.0 | 0.52 |
| UT2020-003 | C | 2.50 | 200 | 0.40 | 0.70 | 22x22x22 | 13.0x10.0 | 0.52 |
| UT2020-004 | C | 1.10 | 150 | 0.25 | 0.90 | 22x22x22 | 13.0x10.0 | 0.52 |
| UT2020-005 | C | 0.45 | 100 | 0.13 | 1.00 | 22x22x22 | 13.0x10.0 | 0.52 |
| ET2424-011 | D | 36.00 | 400 | 2.70 | 0.50 | 26x26x24 | 21.0x15.0 | 0.88 |
| ET2424-012 | D | 24.00 | 350 | 1.60 | 0.60 | 26x26x24 | 21.0x15.0 | 0.88 |
| ET2424-013 | D | 9.20 | 300 | 0.75 | 0.70 | 26x26x24 | 21.0x15.0 | 0.88 |
| ET2424-014 | D | 7.80 | 250 | 0.50 | 0.90 | 26x26x24 | 21.0x15.0 | 0.88 |
| ET2424-015 | D | 5.20 | 200 | 0.34 | 1.00 | 26x26x24 | 21.0x15.0 | 0.88 |
| ET2424-016 | D | 3.60 | 150 | 0.25 | 1.50 | 26x26x24 | 21.0x15.0 | 0.88 |
| ET2424-017 | D | 3.20 | 100 | 0.20 | 2.00 | 26x26x24 | 21.0x15.0 | 0.88 |
| ET2825-025 | D | 120.00 | 2,500 | 2.60 | 0.50 | 30x30x25 | 24.0x20.0 | 1.40 |
| ET2825-026 | D | 92.00 | 2,000 | 2.00 | 0.60 | 30x30x25 | 24.0x20.0 | 1.40 |
| ET2825-027 | D | 66.00 | 1,500 | 1.50 | 0.70 | 30x30x25 | 24.0x20.0 | 1.40 |
| ET2825-028 | D | 36.00 | 1,000 | 0.80 | 0.90 | 30x30x25 | 24.0x20.0 | 1.40 |
| ET2825-029 | D | 25.00 | 500 | 0.60 | 1.00 | 30x30x25 | 24.0x20.0 | 1.40 |
| ET2825-030 | D | 15.50 | 350 | 0.32 | 1.50 | 30x30x25 | 24.0x20.0 | 1.40 |
| ET2825-031 | D | 10.00 | 200 | 0.25 | 2.00 | 30x30x25 | 24.0x20.0 | 1.40 |
| ET2825-032 | D | 8.00 | 150 | 0.19 | 2.50 | 30x30x25 | 24.0x20.0 | 1.40 |
| ET2825-033 | D | 5.00 | 100 | 0.10 | 3.00 | 30x30x25 | 24.0x20.0 | 1.40 |

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TECHNICAL NOTES:

1. The inductance difference measures between the coil L1 and L2.
2. "." REFERS TO POLARITY

SPECIFICATIONS:

RATED VOLTAGE : 250 VAC
 TEMPERATURE RISE : 45 DEGREES C. MAX.
 INSULATION RESISTANCE : 100 M Ohms MIN.
 OPERATING TEMPERATURE RANGE : -20 TO +105 DEGREES C.
 ACCORD WITH SAFETY STANDARD : UL, CSA, IEC
 DIELECTRIC WITHSTANDING VOLTAGE : 2,000 VAC

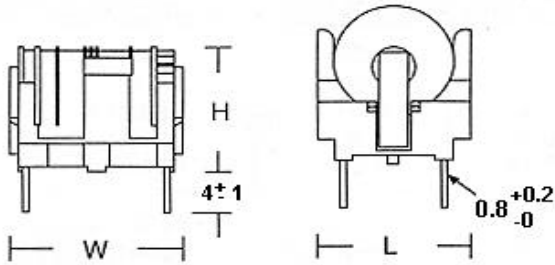


Figure A

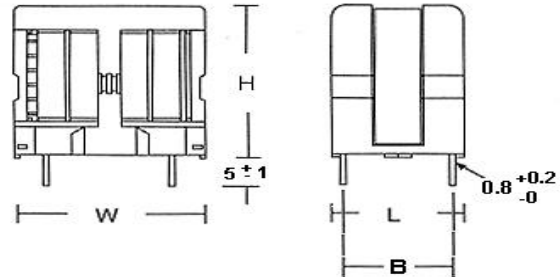


Figure B

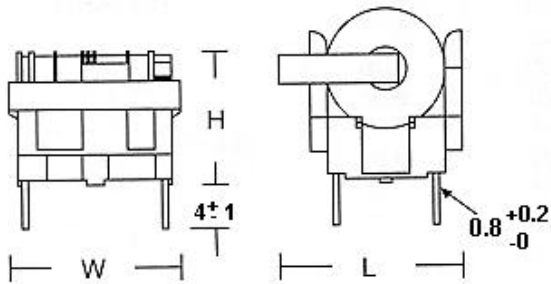


Figure C

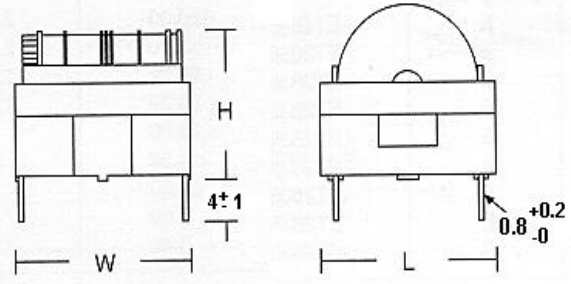
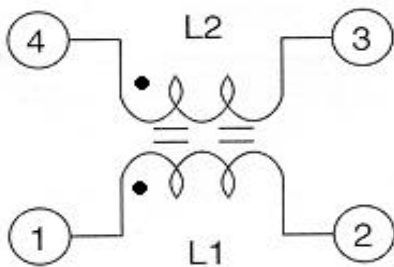
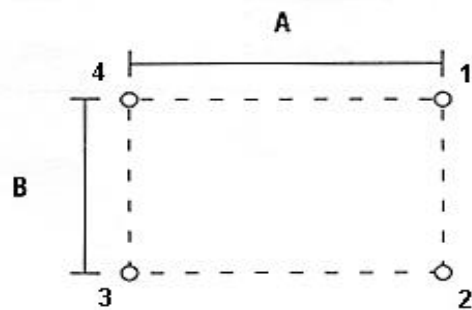


Figure D



Connection



Pin Mounting