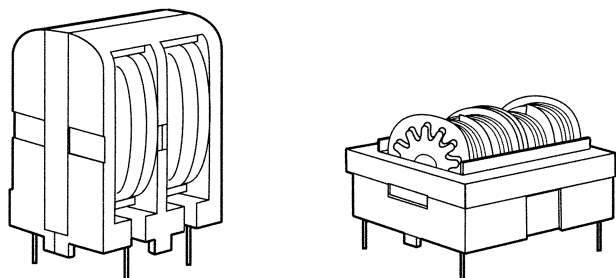


Switchmode/High Frequency

Common Mode Choke Coils



:: Description

Common-mode choke coils are useful in a wide range of applications for the 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.

:: Specifications

Rated Voltage: 250 VAC

Temperature Rise: 45°C maximum

Insulation Resistance: 100 M Ω minimum

Operating Temperature Range: -20 to 105°C

Accord with Safety Standard: UL, CSA, IEC

Dielectric Withstanding Voltage: 2,000 VAC

:: Vertical Configuration

Section	Figure	Part No.	Inductance (mH) Min.	Inductance Difference (μ H) Max.	DCR Max. (Ω)	Rated Current (A)	Dimension WxLxH (mm)	Pin Mounting Ax B (mm)	Weight Oz.
A	A	UT2024-006	9.00	300	1.40	0.50	23x18.5x23.5	13.0x10.0	.52
	A	UT2024-007	4.50	250	0.75	0.60	23x18.5x23.5	13.0x10.0	.52
	A	UT2024-008	2.50	200	0.40	0.70	23x18.5x23.5	13.0x10.0	.52
	A	UT2024-009	1.10	150	0.25	0.90	23x18.5x23.5	13.0x10.0	.52
	A	UT2024-010	0.45	100	0.13	1.00	23x18.5x23.5	13.0x10.0	.52
B	B	ET2432-018	36.00	400	2.70	0.50	26.5x19.5x31	13.0x10.0	.88
	B	ET2432-019	24.00	350	1.60	0.60	26.5x19.5x31	13.0x10.0	.88
	B	ET2432-020	9.20	300	0.75	0.70	26.5x19.5x31	13.0x10.0	.88
	B	ET2432-021	7.80	250	0.50	0.90	26.5x19.5x31	13.0x10.0	.88
	B	ET2432-022	5.20	200	0.34	1.00	26.5x19.5x31	13.0x10.0	.88
	B	ET2432-023	3.60	150	0.25	1.50	26.5x19.5x31	13.0x10.0	.88
	B	ET2432-024	3.20	100	0.20	2.00	26.5x19.5x31	13.0x10.0	.88
C	B	ET2835-034	120.00	2,500	2.60	0.50	31.5x23.5x37	13.0x10.0	1.40
	B	ET2835-035	92.00	2,000	2.00	0.60	31.5x23.5x37	13.0x10.0	1.40
	B	ET2835-036	66.00	1,500	1.50	0.70	31.5x23.5x37	13.0x10.0	1.40
	B	ET2835-037	36.00	1,000	0.80	0.90	31.5x23.5x37	13.0x10.0	1.40
	B	ET2835-038	25.00	500	0.60	1.00	31.5x23.5x37	13.0x10.0	1.40
	B	ET2835-039	15.50	350	0.32	1.50	31.5x23.5x37	13.0x10.0	1.40
	B	ET2835-040	10.00	200	0.25	2.00	31.5x23.5x37	13.0x10.0	1.40
	B	ET2835-041	8.00	150	0.19	2.50	31.5x23.5x37	13.0x10.0	1.40
D	B	ET3542-051	33.00	1,000	0.50	1.50	38x26x45	21.0x15.0	2.60
	B	ET3542-052	22.00	700	0.40	1.80	38x26x45	21.0x15.0	2.60
	B	ET3542-053	18.00	500	0.30	2.00	38x26x45	21.0x15.0	2.60
	B	ET3542-054	12.00	350	0.20	2.50	38x26x45	21.0x15.0	2.60
	B	ET3542-055	10.00	300	0.15	2.70	38x26x45	21.0x15.0	2.60
	B	ET3542-056	8.10	250	0.12	3.00	38x26x45	21.0x15.0	2.60
	B	ET3542-057	6.00	200	0.10	3.50	38x26x45	21.0x15.0	2.60
	B	ET3542-058	4.70	150	0.08	4.00	38x26x45	21.0x15.0	2.60

:: Horizontal Configuration

Section	Figure	Part No.	Inductance (mH) Min.	Inductance Difference (uH) Max.	DCR Max. (Ω)	Rated Current (A)	Dimension WxLxH (mm)	Pin Mounting AxB (mm)	Weight Oz.
A	C	UT2020-001	9.00	300	1.40	0.50	24.5x23x20	13.0x10.0	.52
	C	UT2020-002	4.50	250	0.75	0.60	24.5x23x20	13.0x10.0	.52
	C	UT2020-003	2.50	200	0.40	0.70	24.5x23x20	13.0x10.0	.52
	C	UT2020-004	1.10	150	0.25	0.90	24.5x23x20	13.0x10.0	.52
	C	UT2020-005	0.45	100	0.13	1.00	24.5x23x20	13.0x10.0	.52
B	D	ET2424-011	36.00	400	2.70	0.50	26.5x26.5x23	21.0x15.0	.88
	D	ET2424-012	24.00	350	1.60	0.60	26.5x26.5x23	21.0x15.0	.88
	D	ET2424-013	9.20	300	0.75	0.70	26.5x26.5x23	21.0x15.0	.88
	D	ET2424-014	7.80	250	0.50	0.90	26.5x26.5x23	21.0x15.0	.88
	D	ET2424-015	5.20	200	0.34	1.00	26.5x26.5x23	21.0x15.0	.88
	D	ET2424-016	3.60	150	0.25	1.50	26.5x26.5x23	21.0x15.0	.88
	D	ET2424-017	3.20	100	0.20	2.00	26.5x26.5x23	21.0x15.0	.88
C	D	ET2825-025	120.00	2,500	2.60	0.50	30x30x25	24.0x20.0	1.40
	D	ET2825-026	92.00	2,000	2.00	0.60	30x30x25	24.0x20.0	1.40
	D	ET2825-027	66.00	1,500	1.50	0.70	30x30x25	24.0x20.0	1.40
	D	ET2825-028	36.00	1,000	0.80	0.90	30x30x25	24.0x20.0	1.40
	D	ET2825-029	25.00	500	0.60	1.00	30x30x25	24.0x20.0	1.40
	D	ET2825-030	15.50	350	0.32	1.50	30x30x25	24.0x20.0	1.40
	D	ET2825-031	10.00	200	0.25	2.00	30x30x25	24.0x20.0	1.40
	D	ET2825-032	8.00	150	0.19	2.50	30x30x25	24.0x20.0	1.40
	D	ET2825-033	5.00	1.00	0.10	3.00	30x30x25	24.0x20.0	1.40

:: Outline Dimensions

Technical Notes

1. The inductance difference measures between the coil L1 and L2.

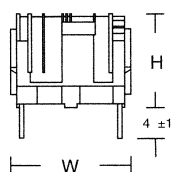


Figure A

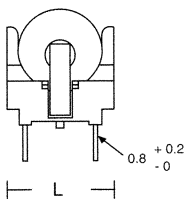


Figure B

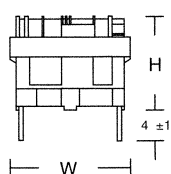
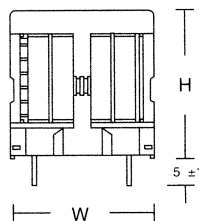


Figure C

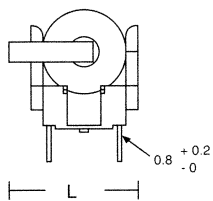
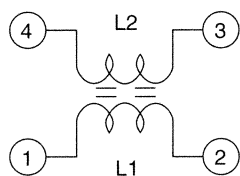
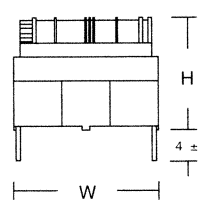
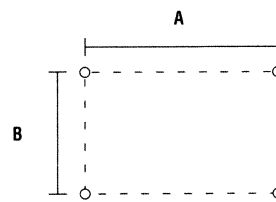


Figure D



Connection



Pin Mounting