

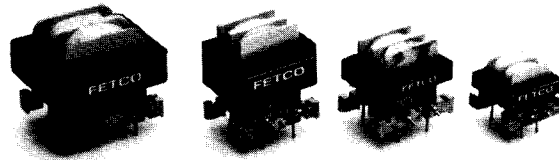
EE Type Common Mode Line Chokes

Applications:

Common mode chokes are used to reduce RF interference on AC lines generated by switching power supplies and other electronic devices. The common mode choke produces opposing magnetic fluxes in the core that cancel noise signals that appear across the AC line.

Features:

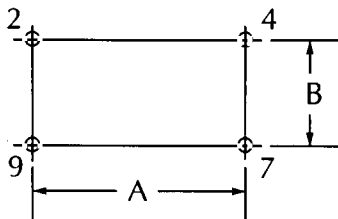
- VDE, CSA and UL compatible
- 3750 VRMS isolation between windings
- UL approved class 130°C insulation available
- Windings balanced to within 1% 3mm creepage clearance between all terminations and the core
- Industry standard size



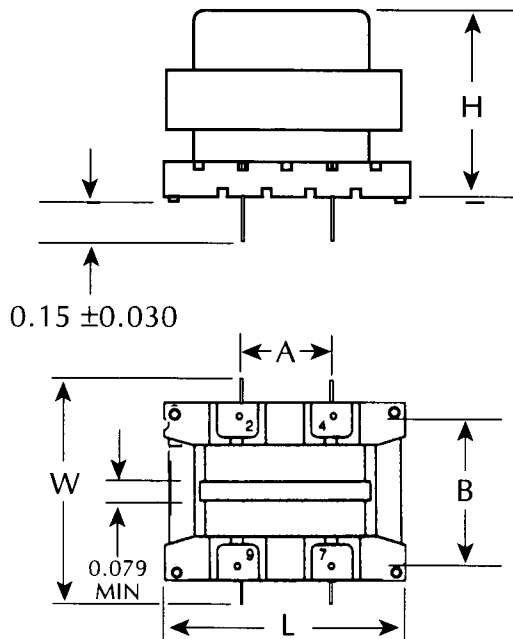
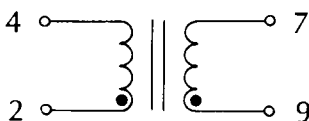
Variations:

- Wide range of inductances and current ratings available
- Specials available - consult factory

Footprint



Schematic



Common Mode Line Chokes • EE Styles

Standard Configuration and Electrical Specifications @ 25°C

Type	Inductance @ 1Khz (mh/min)	Current Rating (amps/rms)	(R) dc (ohms/max)	Lead Diameter (inches) ±003	Dimensions (inches)				
					A ±010	B ±010	L max	W max	H max
FEEC-1	0.165	4.00	.015	.032	0.40	0.62	1.10	1.10	.095
FEEC-1	0.300	3.00	.030	.032	0.40	0.62	1.10	1.10	.095
FEEC-1	0.468	2.50	.045	.032	0.40	0.62	1.10	1.10	.095
FEEC-1	0.730	2.00	.070	.032	0.40	0.62	1.10	1.10	.095
FEEC-1	1.100	1.50	.105	.032	0.40	0.62	1.10	1.10	.095
FEEC-1	2.100	1.25	.190	.032	0.40	0.62	1.10	1.10	.095
FEEC-1	2.900	1.00	.270	.032	0.40	0.62	1.10	1.10	.095
FEEC-1	3.900	0.75	.390	.032	0.40	0.62	1.10	1.10	.095
FEEC-1	9.900	0.50	.980	.032	0.40	0.62	1.10	1.10	.095

Notes:

1. Non-standard inductance values available for special order.
2. Rated RMS current for 40°C temp. rise.
3. Do not exceed RMS current rating.
4. Published inductance is minimum per winding. Nominal inductance is approximately 15% higher than minimum. Tolerance allowed is nominal ±15%.

How To Order:

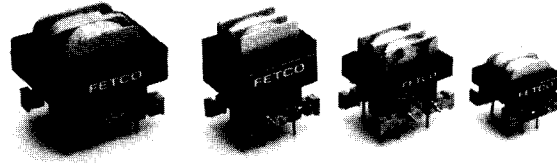
FEEC-1 2.9mh 1.0a)

FETCO Type _____
 Inductance _____
 Current Rating _____
 Custom Modification letter _____
 (where applicable)

EE Type Common Mode Line Chokes
HIGH INDUCTANCE

Applications:

Common mode chokes are used to reduce RF interference on AC lines generated by switching power supplies and other electronic devices. The common mode choke produces opposing magnetic fluxes in the core that cancel noise signals that appear across the AC line.



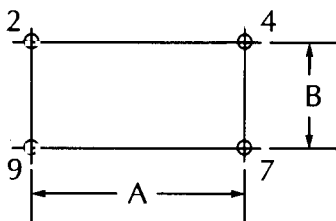
Features:

- VDE, CSA and UL compatible
- 3750 VRMS isolation between windings
- UL approved class 130°C insulation available
- Windings balanced to within 1% 3mm creepage clearance between all terminations and the core
- Industry standard size

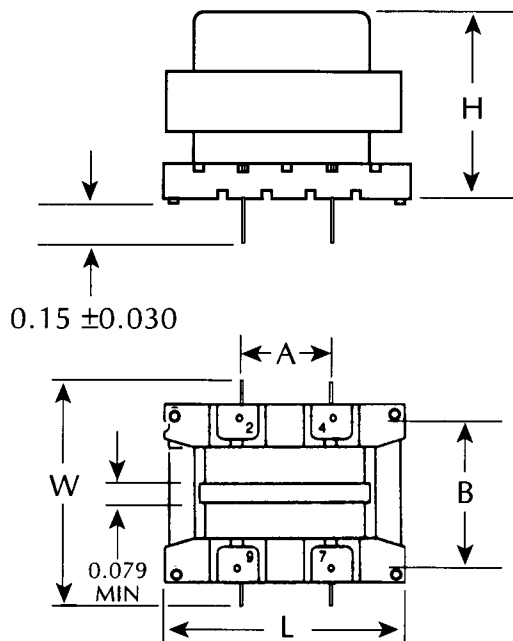
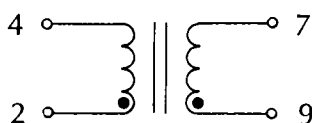
Variations:

- Wide range of inductances and current ratings available
- Specials available - consult factory

Footprint



Schematic



Common Mode Line Chokes • EE Styles

HIGH INDUCTANCE

Standard Configuration and Electrical Specifications @ 25°C

Type	Inductance @ 1Khz (mh/min)	Current Rating (amps/rms)	(R) dc (ohms/max)	Lead Diameter (inches) ±.003	Dimensions (inches)				
					A ±.010	B ±.010	L max	W max	H max
FEEC-2	0.285	4.00	.022	.032	0.40	0.63	1.10	1.10	1.20
FEEC-2	0.510	3.00	.037	.032	0.40	0.62	1.10	1.10	1.20
FEEC-2	0.800	2.50	.055	.032	0.40	0.62	1.10	1.10	1.20
FEEC-2	1.250	2.00	.087	.032	0.40	0.62	1.10	1.10	1.20
FEEC-2	1.900	1.50	.130	.032	0.40	0.62	1.10	1.10	1.20
FEEC-2	3.600	1.25	.230	.032	0.40	0.62	1.10	1.10	1.20
FEEC-2	4.900	1.00	.350	.032	0.40	0.62	1.10	1.10	1.20
FEEC-2	6.600	0.75	.500	.032	0.40	0.62	1.10	1.10	1.20
FEEC-2	16.800	0.50	1.250	.032	0.40	0.62	1.10	1.10	1.20

Notes:

1. Non-standard inductance values available for special order.
2. Rated RMS current for 40°C temp. rise.
3. Do not exceed RMS current rating.
4. Published inductance is minimum per winding. Nominal inductance is approximately 15% higher than minimum. Tolerance allowed is nominal ±15%.

How To Order:

