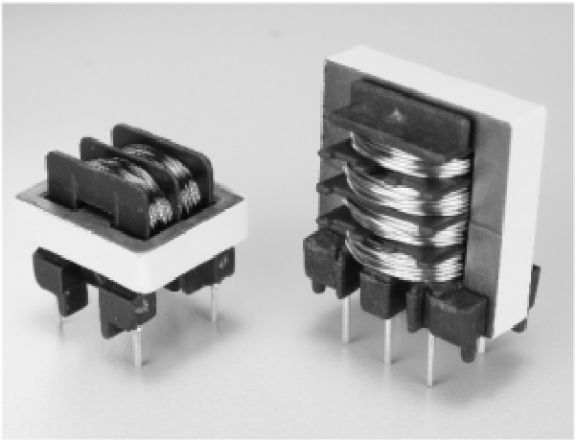
Common Mode Chokes - EE2506 & EE3007 Series



- Low Cost .
- 3kv isolation between windings.
- Constructed with UL approved Class 130°C insulation.
- Industry standard EE25 & EE30 sizes.
- Wide range of available inductances and current ratings

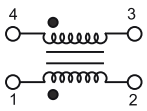
Common mode chokes are used to reduce AC line conducted interference produced by switching power supplies. This configuration produces opposing magnetic fluxes in the core that serve to cancel in - phase noise signals appearing across the AC line.

Order Code	Core Mounting	Inductance mH (Min)	Current Rating Amps (steady state)	Leakage Inductance uH (Typical)	DC Resistance Ohms (Max)
EE2506					
MCE 0001	Horizontal	0.570	4.0	8	0.025
MCE 0002	Vertical	0.570	4.0	8	0.025
MCE 0003	Horizontal	1.0	3.0	15	0.050
MCE 0004	Vertical	1.0	3.0	15	0.050
MCE 0005	Horizontal	2.2	2.5	30	0.095
MCE 0006	Vertical	2.2	2.5	30	0.095
MCE 0007	Horizontal	4.7	1.75	55	0.160
MCE 0008	Vertical	4.7	1.75	55	0.160
MCE 0009	Horizontal	8.2	1.5	90	0.250
MCE 0010	Vertical	8.2	1.5	90	0.250
MCE 0011	Horizontal	10	1.2	125	0.340
MCE 0012	Vertical	10	1.2	125	0.340
MCE 0013	Horizontal	15	1.0	175	0.450
MCE 0014	Vertical	15	1.0	175	0.450
MCE 0015	Horizontal	22	0.750	265	0.765
MCE 0016	Vertical	22	0.750	265	0.765
MCE 0017	Horizontal	33	0.550	400	1.450
MCE 0018	Vertical	33	0.550	400	1.450
MCE 0019	Horizontal	47	0.450	520	1.90
MCE 0020	Vertical	47	0.450	520	1.90
EE3007					
MCE 0021	Vertical	0.680	5.0	16	0.025
MCE 0022	Vertical	1.2	4.0	27	0.040
MCE 0023	Vertical	2.2	3.0	47	0.085
MCE 0024	Vertical	3.3	2.5	90	0.135
MCE 0025	Vertical	8.2	1.75	180	0.260
MCE 0026	Vertical	12	1.50	230	0.330
MCE 0027	Vertical	18	1.20	375	0.500
MCE 0028	Vertical	22	1.2	450	0.550
MCE 0029	Vertical	27	1.0	575	0.700
MCE 0030	Vertical	47	0.75	930	1.250

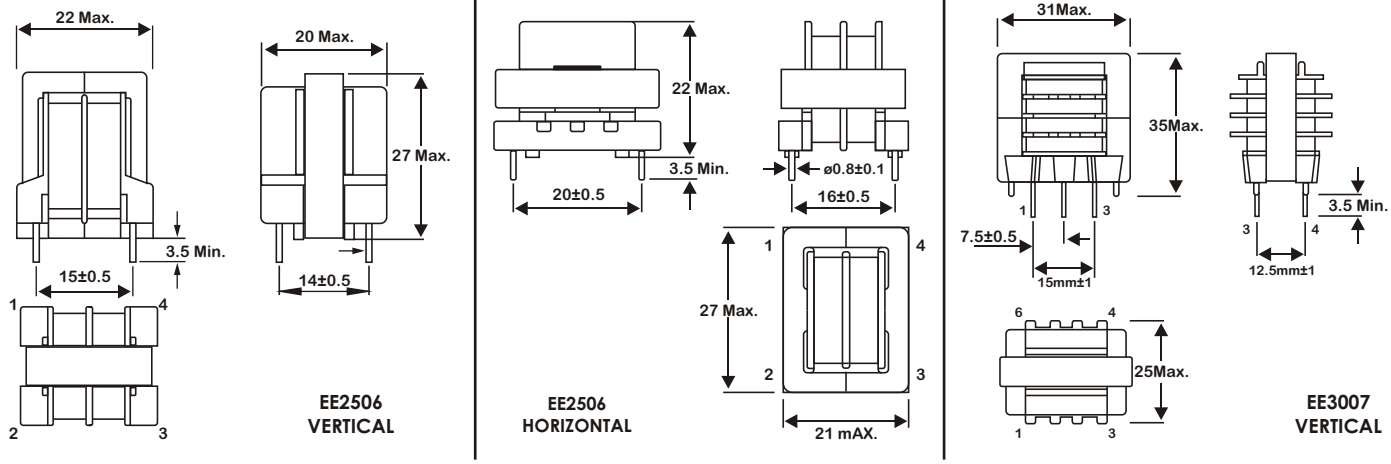
Isolation: (at 50 Hz / 4 mA for 1 minute)
Between Windings: 3000 V AC
Between Windings & Core: 1500 V AC

Insulation Resistance: >100 MOhms at 500 V DC

Schematic Diagram:



Mechanical Details: (All dimensions in mm) Not to scale



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