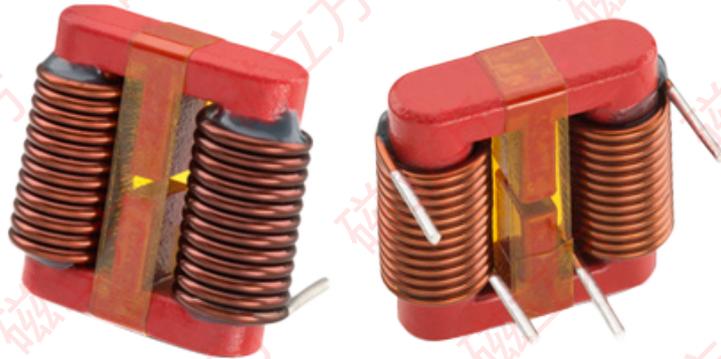


LFET SERIES

Characteristics:

- Stable stray inductance for differential mode filtering.
- High current carrying capacity.
- Low profile.
- Flammability corresponding to UL 94 V-0.
- Climatic category 40/115/21.



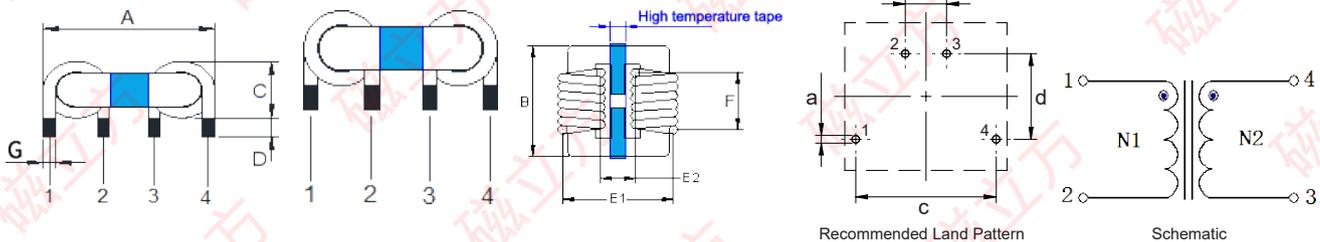
Applications:

- AC/DC converter.
- High frequency DC/DC converter.
- Mains operated LED drivers.
- Switched mode power supplies.

Explanation of part numbers:



Boundary dimension:



Series size	A	B	C	D	E1	E2	F	G	a	b	c	d
LFET2725W-121P	27.5Max	25.0Max	11.7Max	4.5±0.5	24.8±0.5	6.0±0.5	14.5±0.5	∅2.0±0.1	∅2.3	6.0	24.8	14.5
LFET2725W-151P	27.5Max	25.0Max	11.3Max	4.5±0.5	24.6±0.5	6.2±0.5	14.5±0.5	∅1.8±0.1	∅2.1	6.2	24.6	14.5
LFET2725W-231P	27.5Max	25.0Max	10.4Max	4.5±0.5	24.2±0.5	6.6±0.5	14.5±0.5	∅1.4±0.1	∅1.7	6.6	24.2	14.5
LFET2725W-331P	27.5Max	25.0Max	10.0Max	4.5±0.5	24.0±0.5	6.8±0.5	15.0±0.5	∅1.2±0.1	∅1.5	6.8	24.0	15.0
LFET2725W-451P	27.5Max	25.0Max	9.7Max	4.5±0.5	23.8±0.5	7.0±0.5	14.5±0.5	∅1.0±0.1	∅1.3	7.0	23.8	14.5

(unit: mm)

Electrical characteristics:

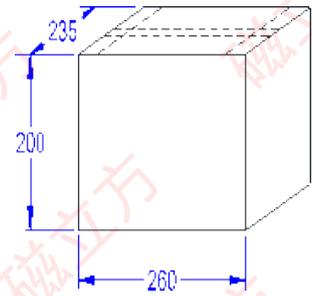
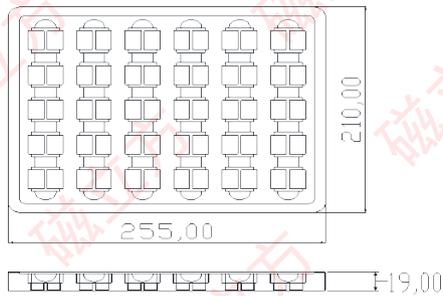
Test condition: at 25 °C 10KHz/0.1V

PART NO.	L(μH)±40%	I _{rms} (A) Max	DCR _{max} . (mΩ)	VR (V (AC))	VT (V (AC))	Material	Mount	Wurth
LFET2725W-121P	120	23.5	1.4	250	1500	MnZn	THT	7448680200
LFET2725W-151P	150	20	1.9	250	1500	MnZn	THT	7448680180
LFET2725W-231P	230	16	3.6	250	1500	MnZn	THT	7448680140
LFET2725W-331P	330	12	6	250	1500	MnZn	THT	7448680120
LFET2725W-451P	450	9.5	9.6	250	1500	MnZn	THT	7448680100

NOTE:

- All test data is referenced to 25 °C ambient.
- I_{rms}: DC current(A) that will cause an approximate Δ T of 40 °C .
- I_{sat}: DC current(A) that will cause L_o to drop approximate 30%.
- Operating temperature range is -25 °C to 125 °C .
- The part temperature(ambient and temp rise) should not exceed 125 °C under worse case operating conditions. Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provision all affect the part temperature. Part temperature should be verified in the end application.

Packing Information:



PVC SIZE	QUANTITY
255*210*19mm	30/PVC

OUTBOX SIZE	QUANTITY
260*235*200mm	210PCS / BOX

NOTE:

- The product model, name, quantity, production cycle, factory date, manufacturer's logo and QA factory inspection seal are marked on the packaging box.
- One bundle per carton, 7 layers per bundle, 30pcs per layer. The number of packages per carton is 210PCS.
- The same product with different production cycles shall not be put into the same packing box.