

LSMT Surfacemount Dual Inductors/Transformers

Features:

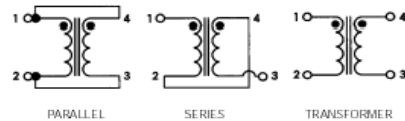
- High DC current bias capability
- Low radiated field due to toroid-based designs.
- Highest performance – Space efficient.
- High, stable inductance @ current.
- Custom values and configurations available.

How to choose your model:

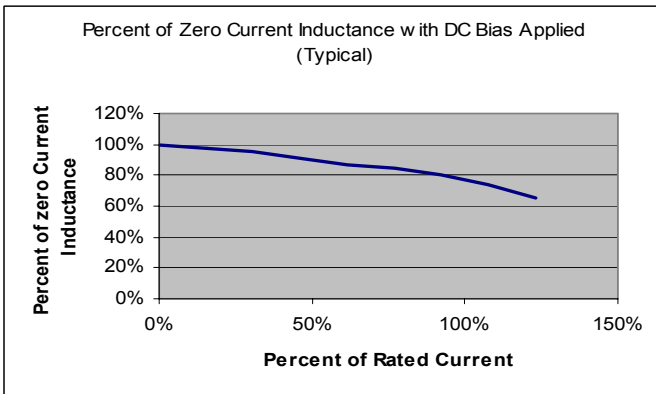
- Select model based upon inductance and current needs



SCHEMATICS



PI Model number	Windings in Parallel			Windings in Series		
	Inductance in uHy +/- 20% 0 ADC	Rated DC Current 20% reduction in inductance from zero DC value.	DC Resistance in mohms Typical	Inductance in uHy +/- 20% 0 ADC	Rated DC Current 20% reduction in inductance from zero DC value.	DC Resistance in mohms Typical
LSMT-13130-01R4	1.4	11.9	2.6	5.6	5.95	10
LSMT-13130-01R9	1.85	10.2	3.7	7.4	5.1	15
LSMT-13130-02R4	2.4	8.9	4.3	9.6	4.45	17
LSMT-13130-03R0	3	7.95	6	12	3.98	24
LSMT-13130-04R6	4.6	6.5	9.3	18.4	3.25	37
LSMT-13130-05R4	5.4	6	10	21.6	3	40
LSMT-13130-08R5	8.5	4.5	16	34	2.25	64
LSMT-13130-0140	14	3.75	25	56	1.88	100
LSMT-13130-0180	18	3.25	37	72	1.63	148
LSMT-13130-0300	30	2.55	59	120	1.28	235
LSMT-13130-0440	44	2.1	92	176	1.05	370
LSMT-13130-0600	60	1.8	136	240	0.9	545
LSMT-13130-0870	87	1.5	202	348	0.75	810
LSMT-13130-1271	127	1.25	311	508	0.63	1240
LSMT-13130-1851	185	1	375	740	0.5	1500
LSMT-13130-2721	272	0.85	578	1088	0.43	2310



Dimensions								
	A	B	C	D	E	F	H	
in mm	11.2 +/- 0.5	14.4 +/- 0.5	7.0 Max	8.84	12.5	12.5	4.06	3.05
in inches	0.44	0.57	0.28	0.35	0.49	0.49	0.16	0.12

