



LSMS-12121 Series Switchmode Inductors Shielded Surface Mount

Features:

- High DC current bias capability
- Low radiated field due to shielded design
- 120°C rating (ambient plus rise)
- Used for output and EMI inductor applications
- Magnetically shielded construction
- Very low profiles available

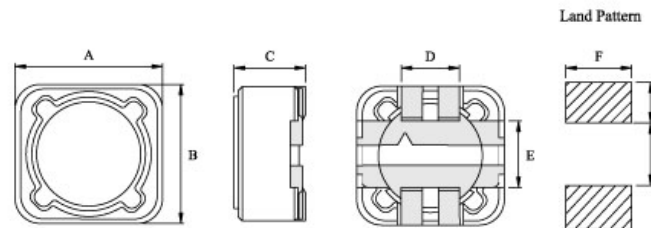
Electrical

Precision Part Number	Inductance (uH) (Note 1)	DC Resistance (Ohms Max.)	Rated Current (Amps. Min.) (Note 2)
LSMS-12121-02R4	2.4	0.012	8
LSMS-12121-04R7	4.7	0.016	6.8
LSMS-12121-07R6	7.6	0.02	5.9
LSMS-12121-0100	10	0.022	5.4
LSMS-12121-0120	12	0.025	4.9
LSMS-12121-0150	15	0.027	4.5
LSMS-12121-0180	18	0.039	3.9
LSMS-12121-0220	22	0.043	3.6
LSMS-12121-0270	27	0.046	3.4
LSMS-12121-0330	33	0.065	3
LSMS-12121-0390	39	0.073	2.75
LSMS-12121-0470	47	0.1	2.5

Notes:

- 1.) Inductance Measured at 1Khz, 0.1Vrms, without DC current. Inductance tolerance: <10uH - 30%, 10uH and ≥ 20%.
- 2.) Rated DC current at which inductance will be decreased by 10% from its initial value or the DC current at a temperature rise of 40 degrees Centigrade or whichever is smaller.

Physical Dimensions



*Unit In mm

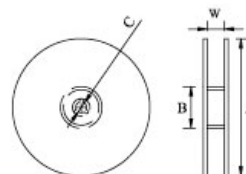
Precision Model Number	A (max)	B (max)	C (max)	D ± 0.2	E ± 0.2	F	G	H
LSMS-12121-XXX	12.3	12.3	8.0	5.0	7.6	5.4	2.9	7.0

Design as Customer's Requested Specifications.

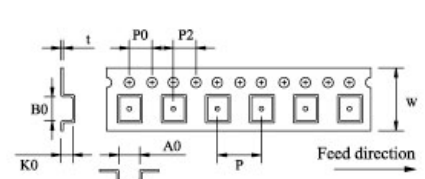
Tape & Reel

Reel Type	Reel Qty	Reel Type	Qty/Reel
178	N/A	330	500

1. Reel Dimensions



2. Tape Dimensions



*Unit In mm

Reel Dimensions				Tape Dimensions							
A	B	C	W	A0	B0	K0	P	P0	P2	W	T
330	100	13	24.5	12.6	12.6	8.10	16	4	2	24	0.35