



LSMS-10070 Series Switchmode Inductors Shielded Surface Mount

Features:

- High DC current bias capability
- Low radiated field due to shielded construction
- Used for output inductor and DC/DC converter applications.
- Ideal for Laptop/Notebook computers and PDAs.
- Gapped Ferrite cores for maximum efficiency.
- High speed, high current switchmode applications requiring lower inductance.

Electrical

Precision Part Number	Inductance (nH +/-20%) (Note 1)	(mOhms Max.) (+/- 10%) (Note 3)	Rated Current (Amps. Min.) (Note 2)
LSMS-10070-OR13	125	0.245	54
LSMS-10070-OR16	160	0.245	44
LSMS-10070-OR21	210	0.245	32
LSMS-10070-OR25	250	0.245	25

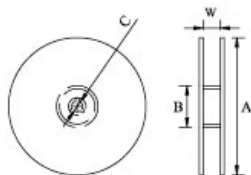
Notes:

- 1.) Inductance Measured at 100Khz, 1.0Vrms, without DC current.
- 2.) Rated DC current is the approximate current at which inductance will be decreased by 20% from its initial (Zero DC) value.
- 3.) DC Resistance measured at 20 degrees Centigrade.

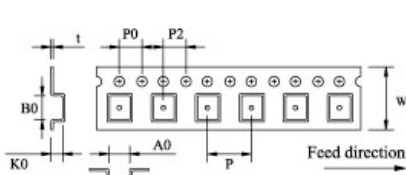
Tape & Reel

Reel Type	Reel Qty	Reel Type	Qty/Reel
178	N/A	330	1000

1. Reel Dimensions



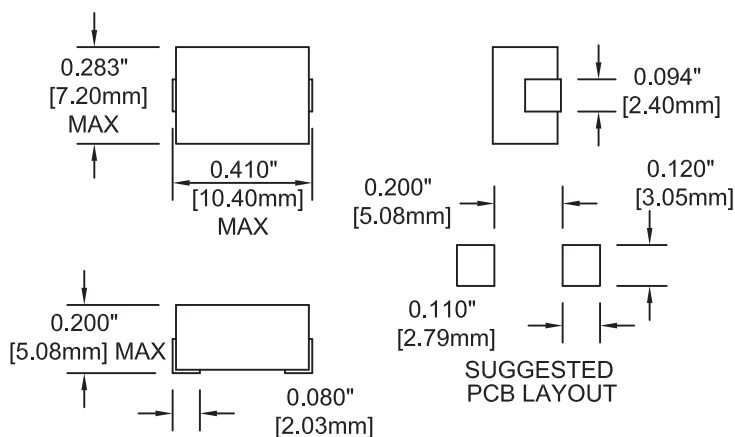
2. Tape Dimensions



*Unit In mm

Reel Dimensions				Tape Dimensions							
A	B	C	W	A0	B0	K0	P	P0	P2	W	t
330	100	13	24.5	7.2	10.6	5.4	12	4	24	11.5	1.75

Physical Dimensions



Carrier Dim	
P	.472
W	.944
C	.453
QTY/REEL	1000 PC
REEL SIZE	13"

