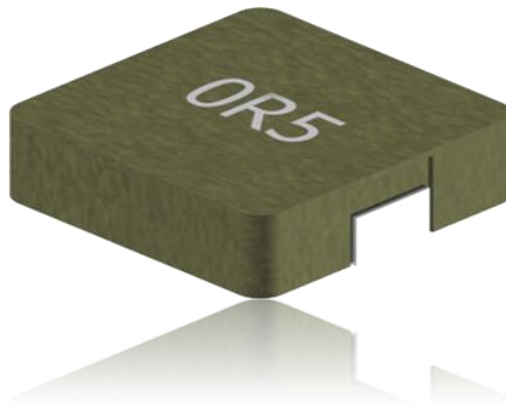


ABCO Standard Inductor

POWER INDUCTOR

LPMT1260-4SP series



31, Dunchon-daero 388 Beon-gil
Seongnam-si, Gyeonggi-do, KOREA
Sales Dept. TEL:82-31-730-5082
FAX:82-31-730-5152
Eng. Dept. TEL:82-31-730-5053
FAX:82-31-730-5153

ABCO ELECTRONICS CO., LTD.

Inductor for Car of Metal Molding type



<http://www.abco.co.kr>

■ OPERATION TEMP.

LPMT1260-4SP series : -40°C~+125°C(Including self-generated heat)

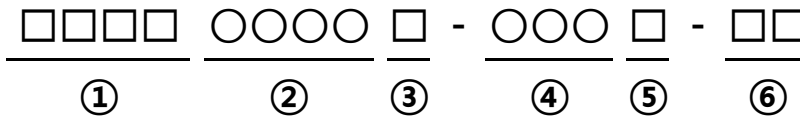
■ FEATURES

- Metal molding Construction
- High Current and Low Resistance

■ APPLICATIONS

DC/DC converters for PDA, Notebook, Desktop, Battery powered devices etc.

■ ORDERING CODE



①Type	
LPMT	

②Body size(LxWxH)	
1260	13.5X12.6X5.7

③Packing	
T	TAPING
B	BULK

④Inductance Value	
R10	0.1μH
1R0	1.0μH
100	10μH
101	100μH

⑤Inductance Tol	
M	±20%

⑥Internal Code	
4SP	

LPMT1260-4SP SERIES

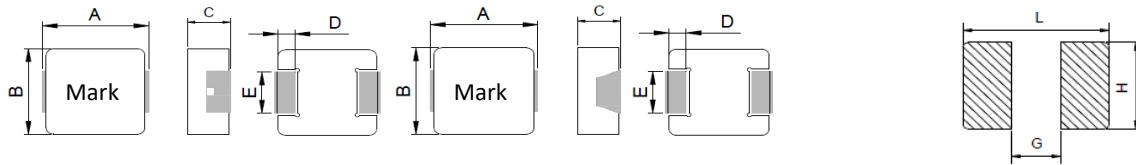


http://www.abco.co.kr

LPMT1260-4SP SERIES

SHAPE & DIMENSIONS / RECOMMENDED SOLDER LAND PATTERN

Unit:mm



Leadframe

Non-Leadframe

Series	A(mm)	B(mm)	C(mm)	D(mm)	*E(mm)		L(mm)	G(mm)	H(mm)
LPMT1260-4SP	13.5±0.5	12.6±0.2	5.7±0.3	2.3±0.3	4.0±0.3	1.5uH	14.5	8.0	5.0
					4.7±0.3	0.36uH and below 2.20uH and above			

* Under 2.2μH is non-leadframe specification.

ELECTRICAL CHARACTERISTICS

Ordering code	Inductance [μH]	Tolerance (%)	Freq. (kHz)	Rdc(mΩ)		Isat(A)	Irms(A)
				Max.	Typ.	Typ.	Typ.
LPMT1260T - R36M-4SP	0.10	± 20	100	0.80	0.65	70	60.0
LPMT1260T - 1R5M-4SP	1.50	± 20		3.00	2.40	32.0	28.0
LPMT1260T - 2R2M-4SP	2.20	± 20		4.30	3.70	28.0	25.0
LPMT1260T - 3R3M-4SP	3.30	± 20		6.50	5.30	28.0	21.0
LPMT1260T - 4R7M-4SP	4.70	± 20		8.40	7.00	23.0	19.0
LPMT1260T - 8R2M-4SP	8.20	± 20		16.0	13.5	17.0	13.5
LPMT1260T - 100M-4SP	10.0	± 20		18.6	15.5	16.0	12.0
LPMT1260T - 150M-4SP	15.0	± 20		29.0	24.0	10.0	10.0
LPMT1260T - 220M-4SP	22.0	± 20		37.5	31.2	9.0	8.0
LPMT1260T - 330M-4SP	33.0	± 20		68.0	56.0	7.8	6.5
LPMT1265T - 470M-4SP	47.0	± 20		88.0	76.0	6.7	5.2

Test Equipments

- Inductance measured : HP4284A,CH11025,CH3302,CH1320,CH1320S LCR METER(100kHz, 1.0V)
- Rdc : CH16502,Agilent33420A MICRO OHMMETER.
- Saturation Current (Isat) will cause L0 to drop approximately 30%.
- Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C
- ※ Rated DC current(Idc) : The value of Isat or Irms , whichever is smaller

Operating Temperature Range

-40°C ~ +125°C (Including self-generated heat)