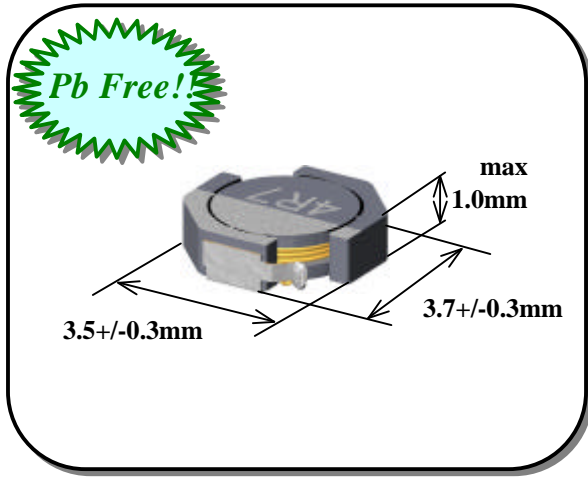


Component Image
& Dimensions



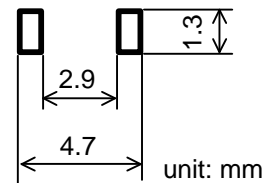
Features :

- a) Miniature Size :
Mount Area : 3.5mm x 3.7mm
Low Profile : 1.0mm Max. Height
- b) Generic use for portable DC/DC Converter.
- c) High Magnetic Shield Construction should actualize High Resolution for EMC Protection.
- d) Automatic Mounting in Tape&Reel Package.

Applications :

DVC , DSC , PDA, MD, LCD Display
Cellular Phone, Cordless Telephone, HDD, FDD etc.

Recommended Land Pattern



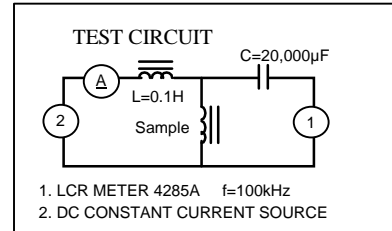
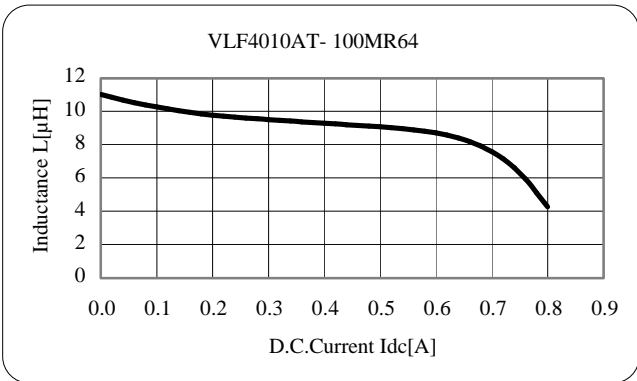
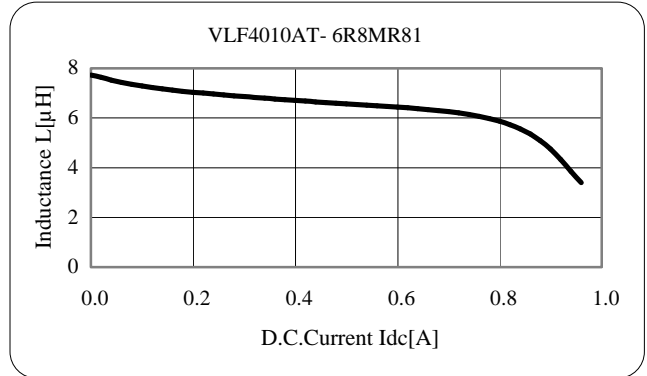
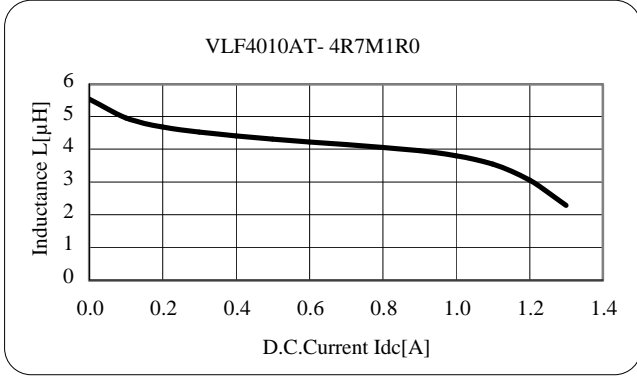
Electrical Specification

TDK Identification	Inductance[μH]		Test Freq. (kHz)	DC Resistance[ohm] Spec. (max.) (Typ.)	Rated DC Current[A]		
	at 1/2 Idc1	Tol. (%)			Idc 1 (max.)	Idc 2 (Typ.)	
VLF4010AT- 4R7M1R0	4.7	+/-20%	100	0.21	0.18	1.0	1.0
VLF4010AT- 6R8MR81	6.8	+/-20%	100	0.32	0.28	0.81	0.82
VLF4010AT- 100MR64	10.0	+/-20%	100	0.48	0.42	0.64	0.67

Note) Idc 1 : Depend on the Inductance Saturation. (-30% Reduction from Nominal L Value)
Idc 2 : Depend on the Self Temperature Rise (40deg.C Typ.)

Operating Temperature Range : -40deg. C ~ +105deg. C (including Self Temp. Rise)

INDUCTANCE VS.DC SUPERPOSITION CHARACTERISTICS



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[MHL1JCTTD12NJ](#) [PE-51506NL](#) [PE-53601NL](#) [PE-53602NL](#) [PE-53630NL](#) [PE-53824SNLT](#) [PE-62892NL](#) [PE-92100NL](#) [PG0434.801NLT](#)
[PG0936.113NLT](#) [9310-16](#) [PM06-2N7](#) [PM06-39NJ](#) [A01TK](#) [1206CS-471XJ](#) [HC2-2R2TR](#) [HC2LP-R47-R](#) [HC3-2R2-R](#) [1206CS-151XG](#)
[RCH664NP-140L](#) [RCH664NP-4R7M](#) [RCH8011NP-221L](#) [RCP1317NP-332L](#) [RCP1317NP-391L](#) [RCR1010NP-470M](#) [RCR110DNP-331L](#)
[DH2280-4R7M](#) [DS1608C-106](#) [ASPI-4020HI-R10M-T](#) [B10TJ](#) [B82477P4333M](#) [B82498B3101J000](#) [B82498B3680J000](#) [ELJ-RE27NJF2](#)
[1812CS-153XJ](#) [1812CS-183XJ](#) [1812CS-223XJ](#) [1812LS-104XJ](#) [1812LS-105XJ](#) [1812LS-124XJ](#) [1812LS-154XJ](#) [1812LS-223XJ](#)