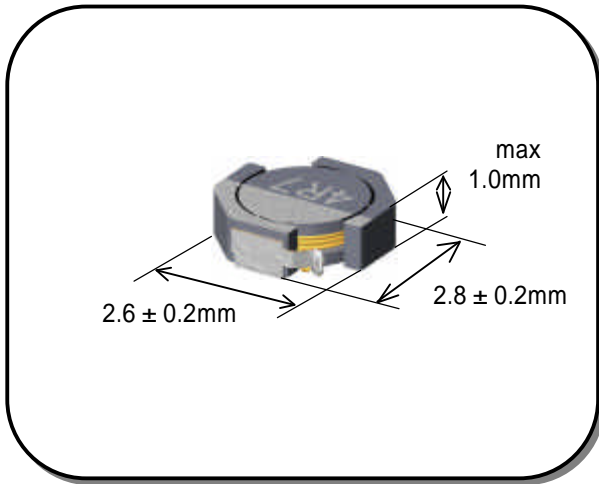


**Component**

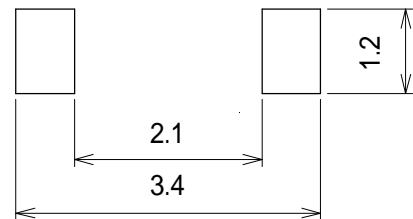
**Image & Dimension**



**Features :**

- a) Miniature Size :  
**Mount Area : 2.6mm x 2.8mm**  
**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.

**Recommended patarn**



**Applications :**

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

**Electrical Specification (TENTATIVE)**

TDK Identification	Inductance[uH]		Test Freq. (kHz)	DC Resistance[ohm]		Rated DC Current[A]	
	at 1/2 Idc1	Tol. (%)		Spec. (max.)	(Typ.)	Idc 1 (max.)	Idc 2 (Typ.)
VLF3010AT- 1R5N1R2	1.5	+/-30%	100	0.078	0.068	1.2	1.5
VLF3010AT- 2R2M1R0	2.2	+/-20%	100	0.12	0.10	1.0	1.2
VLF3010AT- 3R3MR87	3.3	+/-20%	100	0.17	0.15	0.87	1.0
VLF3010AT- 4R7MR70	4.7	+/-20%	100	0.28	0.24	0.70	0.82
VLF3010AT- 6R8MR61	6.8	+/-20%	100	0.39	0.34	0.61	0.68
VLF3010AT- 100MR49	10.0	+/-20%	100	0.67	0.58	0.49	0.52
VLF3010AT- 150MR40	15.0	+/-20%	100	0.86	0.75	0.40	0.46
VLF3010AT- 220MR33	22.0	+/-20%	100	1.5	1.3	0.33	0.35

**Idc1 = Depend on inductance saturation. (-30% reduction from nominal L value)**

**Idc2 = Depend on self temperature rise. (40degC typ at specified Idc2)**