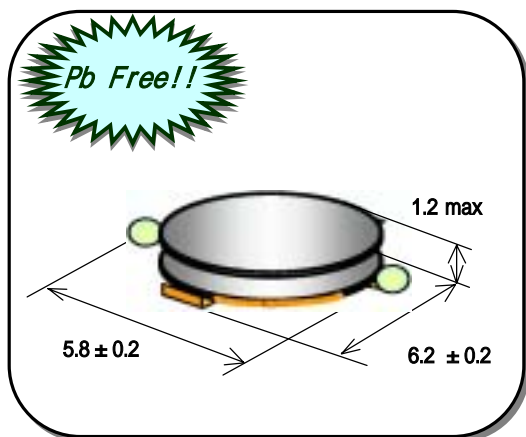


New Product!!

VLP6212-TYPE SMD Power Inductor

Component Image & Dimension



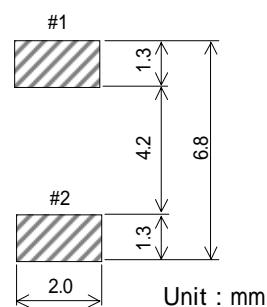
Features :

- a) Miniature Size :
Mount Area : 5.8mm x 6.2mm
Low Profile : 1.2mm Max. Height
- b) Generic use for portable DC/DC Converter Line.
- c) Extremely Low Profile as a 1.0mm Height.
- d) High Rated DC Current.
- e) This Product is not used any of the Pb Materials.
- f) Non ferrite shielded component.
- g) Automatic Mounting in Tape & Reel Package.

Applications :

DC-DC Converter for TFT LCD Display, LCD TV, PDA,
DC-DC Converter for mobilephone etc.

Recommended Land Pattern



Electrical Specification (Tentative)

TDK Identification	Inductance (μ H)	Tol. (%)	Test Freq. (kHz)	DC Resistance		Rated DC Current	
				Spec. (Ohm)	Tol.	*Idc 1(A) Max.	*Idc 2(A) Typ.
VLP6212T- 1R5M1R9-K	1.5	+/-20%	100	0.08	+/-20%	2.50	1.90
VLP6212T- 2R7M1R6-K	2.7	+/-20%	100	0.10	+/-20%	1.80	1.65
VLP6212T- 4R7M1R3-K	4.7	+/-20%	100	0.14	+/-20%	1.55	1.38
VLP6212T- 6R8M1R2-K	6.8	+/-20%	100	0.18	+/-20%	1.24	1.24
VLP6212T- 100M1R0-K	10.0	+/-20%	100	0.24	+/-20%	1.07	1.07
VLP6212T- 150MR88-K	15.0	+/-20%	100	0.34	+/-20%	0.88	0.88
VLP6212T- 220MR72-K	22.0	+/-20%	100	0.50	+/-20%	0.72	0.73
VLP6212T- 330MR54-K	33.0	+/-20%	100	0.82	+/-20%	0.54	0.57
VLP6212T- 470MR46-K	47.0	+/-20%	100	1.08	+/-20%	0.46	0.50

* Idc1: Depend on inductance change (-10% reduction from initial value)

* Idc2: Depend on self temperature rise (40degC typical)