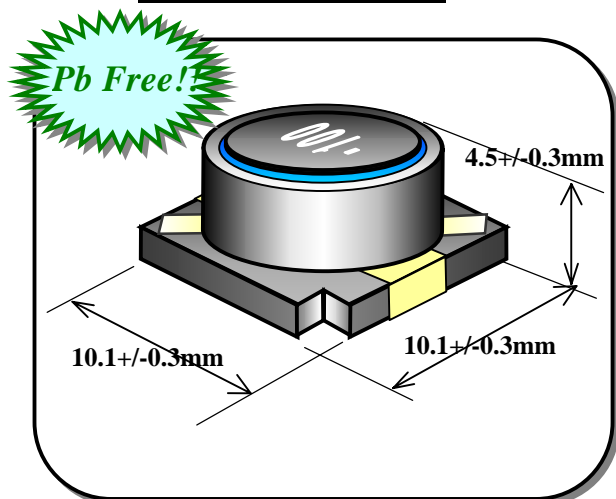


Component  
Image & Dimension



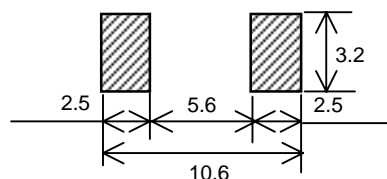
**Features :**

- a) Component Size :  
Mount Area : 10.1mm x 10.1mm  
Low Profile : 4.8mm 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 :**

Notebook PC, Portable DVD Player, Terminal Adapter, Amusement Game  
Automotive Appliance, LCD Monitor, Digital Audio etc.

\*Recommended Land Pattern (Unit : mm)



**Electrical Specification**

TDK Identification	Inductance (uH)	Tol. (%)	Test Freq. (kHz)	DC Resistance		Rated DC Current	
				Spec. (Ohm.)	Tol.	Idc 1 (A max.)	Idc 2 (A Typ.)
SLF10145T- 3R3N3R7-H	3.3	+/-30%	1	16.1m	+/-20%	4.90	3.70
SLF10145T- 5R6M3R2-H	5.6	+/-20%	1	22.0m	+/-20%	3.80	3.20
SLF10145T- 100M2R5-H	10.0	+/-20%	1	36.4m	+/-20%	3.00	2.50
SLF10145T- 150M2R2-H	15.0	+/-20%	1	47.2m	+/-20%	2.40	2.20
SLF10145T- 220M1R9-H	22.0	+/-20%	1	59.1m	+/-20%	2.10	1.90
SLF10145T- 330M1R6-H	33.0	+/-20%	1	81.5m	+/-20%	1.60	1.70
SLF10145T- 470M1R4-H	47.0	+/-20%	1	0.10	+/-20%	1.40	1.50
SLF10145T- 680M1R2-H	68.0	+/-20%	1	0.14	+/-20%	1.20	1.30
SLF10145T- 101M1R0-H	100	+/-20%	1	0.20	+/-20%	1.00	1.10
SLF10145T- 151MR79-H	150	+/-20%	1	0.35	+/-20%	0.79	0.81
SLF10145T- 221MR65-H	220	+/-20%	1	0.47	+/-20%	0.65	0.70
SLF10145T- 331MR54-H	330	+/-20%	1	0.68	+/-20%	0.54	0.58
SLF10145T- 471MR47-H	470	+/-20%	1	1.03	+/-20%	0.47	0.47
SLF10145T- 681MR38-H	680	+/-20%	1	1.60	+/-20%	0.38	0.38
SLF10145T- 102MR29-H	1000	+/-20%	1	2.80	+/-20%	0.32	0.29
SLF10145T- 152MR22-H	1500	+/-20%	1	3.40	+/-20%	0.22	0.26

Note) Idc 1 : Depend on the Inductance Saturation. (-10% Saturation from Initial L Value)

Idc 2 : Depend on the self temperature rise. (+30 degC typ.)

Operating Temperature Range : from -40degC to +95degC (not include Self Temp. Rise)