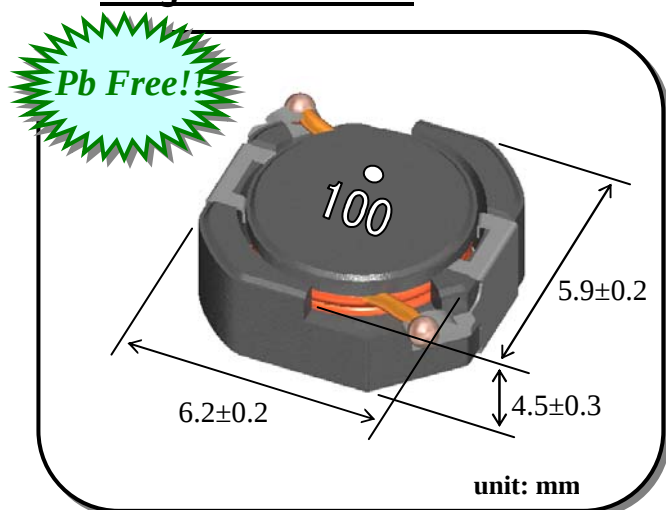
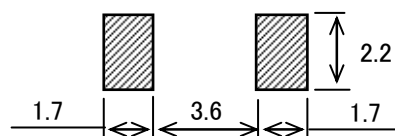


ComponentImage & DimensionFeatures :

- a) Miniature Size :
Mount Area : 5.9mm x 6.2mm
Height : 4.5±0.3mm
- 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 Land Pattern (Unit : mm)

Applications :

LCD-TV, PDP-TV, LCD Display,
BD Recorder, DVD Recorder, STB, etc.

Electrical Specification (Ref.)

TDK-EPC Identification	<u>Inductance</u>		Test Freq. (kHz)	<u>DC Resistance</u>		<u>Rated DC Current</u>	
	Spec. (uH)	Tol.		Spec. (Ohm.)	Tol.	Idc 1 (A)	Idc 2 (A)
CLF6045T- 1R0N	1.0	+/-30%	100	11m	+/-30%	5.0	4.5
CLF6045T- 1R5N	1.5	+/-30%	100	13m	+/-30%	4.4	4.2
CLF6045T- 2R2N	2.2	+/-30%	100	15m	+/-30%	3.9	4.0
CLF6045T- 3R3N	3.3	+/-30%	100	19m	+/-30%	3.1	3.5
CLF6045T- 4R7N	4.7	+/-30%	100	23m	+/-30%	2.5	3.2
CLF6045T- 6R8N	6.8	+/-30%	100	27m	+/-30%	2.2	2.9
CLF6045T- 100M	10	+/-20%	100	38m	+/-20%	1.7	2.4
CLF6045T- 150M	15	+/-20%	100	55m	+/-20%	1.5	2.0
CLF6045T- 220M	22	+/-20%	100	78m	+/-20%	1.3	1.7
CLF6045T- 330M	33	+/-20%	100	103m	+/-20%	1.07	1.5
CLF6045T- 470M	47	+/-20%	100	130m	+/-20%	0.90	1.3
CLF6045T- 680M	68	+/-20%	100	215m	+/-20%	0.79	1.0
CLF6045T- 101M	100	+/-20%	100	340m	+/-20%	0.64	0.70
CLF6045T- 151M	150	+/-20%	100	480m	+/-20%	0.50	0.60
CLF6045T- 221M	220	+/-20%	100	780m	+/-20%	0.41	0.50
CLF6045T- 331M	330	+/-20%	100	970m	+/-20%	0.35	0.44
CLF6045T- 471M	470	+/-20%	100	1.42	+/-20%	0.30	0.37

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 +105degC (Include Self Temp. Rise)