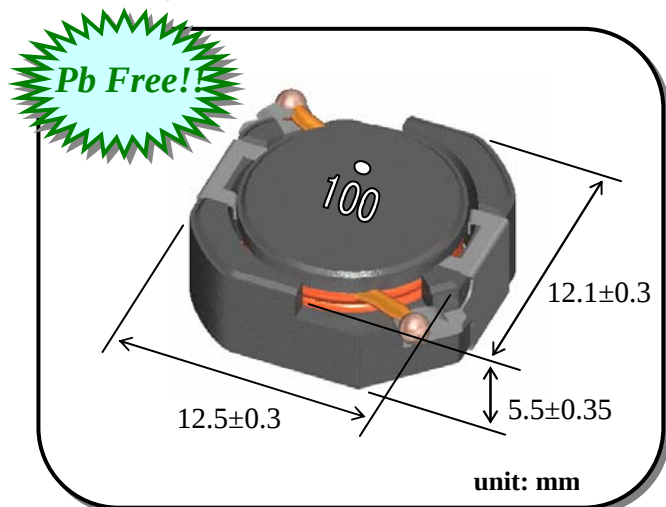


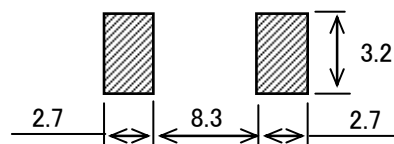
Component
Image & Dimension



Features :

- a) Miniature Size :
Mount Area : 12.1mm x 12.5mm
Height : 5.5±0.35mm
- 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	Inductance		Test Freq. (kHz)	DC Resistance		Rated DC Current	
	Spec. (uH)	Tol.		Spec. (Ohm.)	Tol.	Idc 1 (A)	Idc 2 (A)
CLF12555T- 1R0N	1.0	+/-30%	100	5.8m	+/-30%	20.0	7.5
CLF12555T- 1R5N	1.5	+/-30%	100	7.3m	+/-30%	16.4	6.7
CLF12555T- 2R2N	2.2	+/-30%	100	8.8m	+/-30%	13.1	6.1
CLF12555T- 3R3N	3.3	+/-30%	100	10.3m	+/-30%	11.4	5.7
CLF12555T- 4R7N	4.7	+/-30%	100	11.7m	+/-30%	9.6	5.3
CLF12555T- 6R8N	6.8	+/-30%	100	15.0m	+/-30%	8.0	4.7
CLF12555T- 100M	10	+/-20%	100	21m	+/-20%	6.7	3.9
CLF12555T- 150M	15	+/-20%	100	31m	+/-20%	5.4	3.2
CLF12555T- 220M	22	+/-20%	100	43m	+/-20%	4.8	2.8
CLF12555T- 330M	33	+/-30%	100	67m	+/-30%	4.0	2.2
CLF12555T- 470M	47	+/-20%	100	100m	+/-20%	3.2	1.8
CLF12555T- 680M	68	+/-20%	100	125m	+/-20%	2.6	1.6
CLF12555T- 101M	100	+/-20%	100	190m	+/-20%	2.1	1.3
CLF12555T- 151M	150	+/-20%	100	260m	+/-20%	1.8	1.1
CLF12555T- 221M	220	+/-20%	100	370m	+/-20%	1.5	0.9
CLF12555T- 331M	330	+/-20%	100	560m	+/-20%	1.2	0.7
CLF12555T- 471M	470	+/-20%	100	795m	+/-20%	1.0	0.6

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)