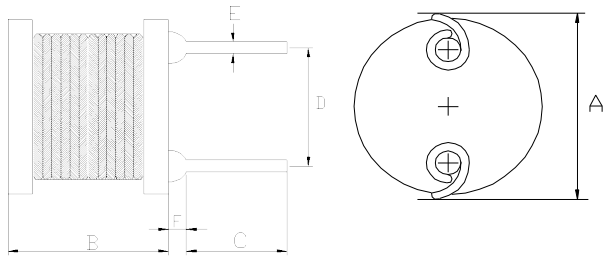


DIMENSIONS & RECOMMENDED PATTERN



A: 11.0 Max.	mm
B: 12.5 Max.	mm
C: 15±2.0	mm
D: 5.0±0.5	mm
E: φ0.8±0.1	mm
F: 2.5 Max.	mm

※FEATURE

Applications: Notebook PC, LCD TV, MP3-player, G.P.S., PDA

SELECTION GUIDE FOR STANDARD COILS:

MAGLAYERS PT/NO.	Inductance L(μH)	Percent Tolerance	Test Frequency	Resistance RDC(Ω)Max.	Rated DC Current
					IDC1(A)
MCD-0912-220□	22	K,M	100kHz/0.25V	50m	4.50
MCD-0912-101□	100	K,M	100kHz/0.25V	0.16	1.70
MCD-0912-121□	120	K,M	100kHz/0.25V	0.20	1.50
MCD-0912-181□	180	K,M	100kHz/0.25V	0.31	1.30
MCD-0912-221□	220	K,M	100kHz/0.25V	0.34	1.10
MCD-0912-271□	270	K,M	100kHz/0.25V	0.40	1.00
MCD-0912-301□	300	K,M	100kHz/0.25V	0.46	0.96
MCD-0912-331□	330	K,M	100kHz/0.25V	0.52	0.93
MCD-0912-391□	390	K,M	100kHz/0.25V	0.65	0.86
MCD-0912-471□	470	K,M	100kHz/0.25V	0.71	0.78
MCD-0912-501□	500	K,M	100kHz/0.25V	0.80	0.75
MCD-0912-681□	680	K,M	100kHz/0.25V	1.10	0.65
MCD-0912-821□	820	K,M	100kHz/0.25V	1.30	0.59
MCD-0912-102□	1000	K,M	100kHz/0.25V	1.70	0.53

※GENERAL SPECIFICATION:

※ 1. □Specify the inductance tolerance, K(±10%), M(±20%)

※ 2. IDC1 : Based on inductance change (ΔL/Lo: drop 10%Max.) @ ambient temp. 25°C

IDC2 : Based on temperature rise (ΔT : 40°C TYP.)

Rated DC Current : The less value which is IDC1 or IDC2.