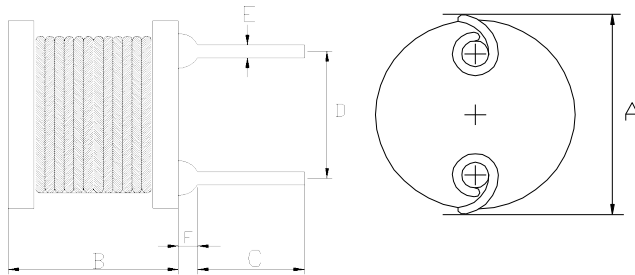


DIMENSIONS & RECOMMENDED PATTERN



A: 10.5 Max.	mm
B: 10.5 Max.	mm
C: 15.0±2.0	mm
D: 5.0±0.5	mm
E: φ0.65±0.1	mm
F: 2.5 Max.	mm

※FEATURE

Applications:DC-DC converters,LCD Set,OA equipment,notebook, 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)
GDR-0810-1R2□	1.2	M	100kHz/0.25V	7.70m	15.0
GDR-0810-2R2□	2.2	M	100kHz/0.25V	14.0m	12.0
GDR-0810-3R3□	3.3	M	100kHz/0.25V	16.0m	10.0
GDR-0810-4R7□	4.7	M	100kHz/0.25V	18.0m	8.00
GDR-0810-6R8□	6.8	M	100kHz/0.25V	25.0m	5.20
GDR-0810-100□	10	K,M	100kHz/0.25V	26.0m	5.00
GDR-0810-150□	15	K,M	100kHz/0.25V	68.0m	4.30
GDR-0810-180□	18	L,M	100kHz/0.25V	70.0m	4.10
GDR-0810-220□	22	K,M	100kHz/0.25V	74.0m	3.90
GDR-0810-270□	27	K,M	100kHz/0.25V	82.5m	3.70
GDR-0810-330□	33	K,M	100kHz/0.25V	85.0m	3.50
GDR-0810-101□	100	K,M	100kHz/0.25V	0.26	1.40
GDR-0810-181□	180	K,M	100kHz/0.25V	0.44	1.00
GDR-0810-221□	220	K	100kHz/0.25V	0.50	0.90
GDR-0810-271□	270	K,M	100kHz/0.25V	0.60	0.83
GDR-0810-331□	330	K,M	100kHz/0.25V	0.78	0.78
GDR-0810-391□	390	K,M	100kHz/0.25V	0.85	0.70
GDR-0810-471□	470	K,M	100kHz/0.25V	1.08	0.63
GDR-0810-561□	560	K,M	100kHz/0.25V	1.19	0.60
GDR-0810-681□	680	K,M	100kHz/0.25V	1.59	0.55
GDR-0810-821□	820	K,M	100kHz/0.25V	1.88	0.50
GDR-0810-102□	1000	K	100kHz/0.25V	2.30	0.45
GDR-0810-112□	1100	K	100kHz/0.25V	2.60	0.43
GDR-0810-122□	1200	K	100kHz/0.25V	3.20	0.40
GDR-0810-152□	1500	K,M	100kHz/0.25V	3.40	0.30
GDR-0810-222□	2200	K	1kHz/0.25V	3.90	0.27

※GENERAL SPECIFICATION:

※ 1. □ Specify the inductance tolerance, K(±10%),L(±15%), M(±20%)

※ 2. IDC1 : Based on inductance change ($\Delta L/L_0$: 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.