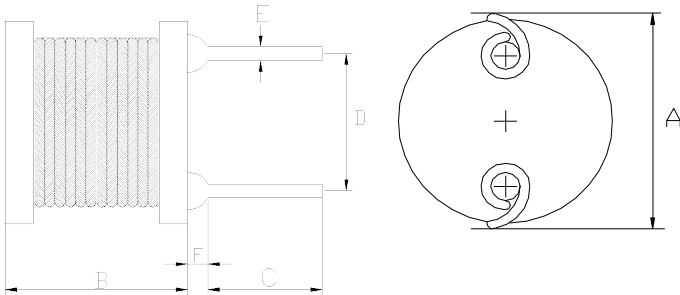


DIMENSIONS & ECOMMENDED PATTERN



A: 19.0 Max.	mm
B: 18.5 Max.	mm
C: 15.0±2.0	mm
D: 10.0±1.0	mm
E: φ1.0±0.1	mm
F: 3.0 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-1618-220□	22	M	100kHz/0.25V	31 m	14.0
GDR-1618-270□	27	M	100kHz/0.25V	35 m	13.5
GDR-1618-330□	33	M	100kHz/0.25V	37 m	13.0
GDR-1618-390□	39	M	100kHz/0.25V	52 m	12.5
GDR-1618-470□	47	M	100kHz/0.25V	56 m	11.5
GDR-1618-560□	56	M	100kHz/0.25V	58 m	11.0
GDR-1618-680□	68	M	100kHz/0.25V	62 m	9.2
GDR-1618-820□	82	M	100kHz/0.25V	76 m	8.7
GDR-1618-101□	100	K,M	100kHz/0.25V	0.108	7.7
GDR-1618-121□	120	K,M	100kHz/0.25V	0.132	7.0
GDR-1618-151□	150	K,M	100kHz/0.25V	0.152	6.5
GDR-1618-181□	180	K,M	100kHz/0.25V	0.163	6.0
GDR-1618-221□	220	K,M	100kHz/0.25V	0.216	5.5
GDR-1618-271□	270	K,M	100kHz/0.25V	0.253	5.0
GDR-1618-331□	330	K,M	100kHz/0.25V	0.270	4.4
GDR-1618-391□	390	K,M	100kHz/0.25V	0.341	3.9
GDR-1618-471□	470	K,M	100kHz/0.25V	0.390	3.6
GDR-1618-561□	560	K,M	100kHz/0.25V	0.425	3.3
GDR-1618-681□	680	K,M	100kHz/0.25V	0.565	2.9
GDR-1618-821□	820	K,M	100kHz/0.25V	0.700	2.7
GDR-1618-102□	1000	K,M	100kHz/0.25V	0.881	2.5

※GENERAL SPECIFICATION:

※ □ specify the inductance tolerance,K(±10%),M(±20%)

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