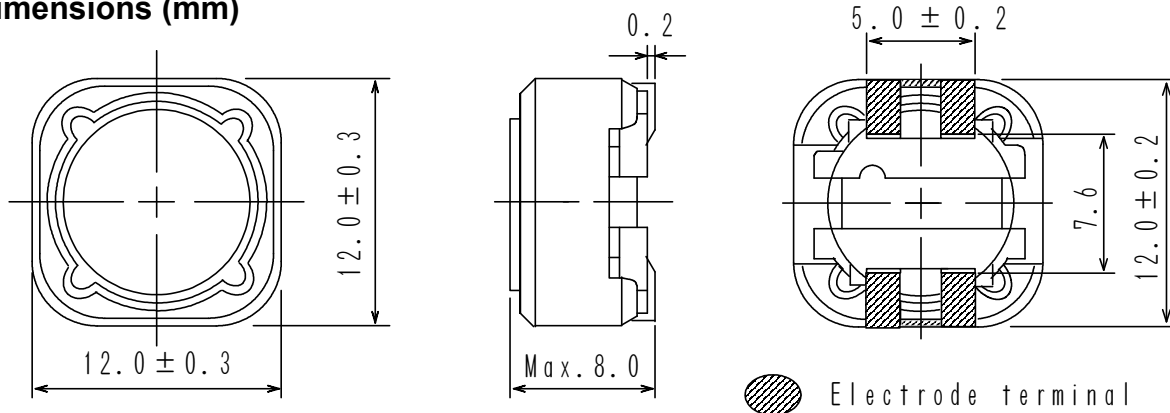
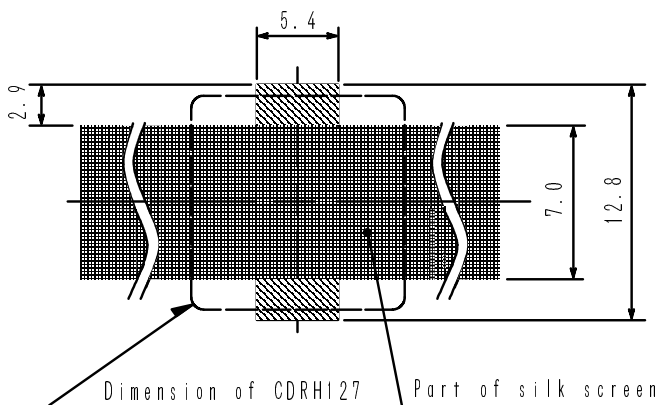


Type: CDRH127/LD
◆ Product Description

- 12.3×12.3mm Max.(L×W), 8.0mm Max. Height.
- Inductance range: 1.0 μH~1.0mH.
- Rated current range: 0.7~14A.
- In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirements.


◆ Feature

- Magnetically shielded construction.
- Storage temperature range: -40°C ~+100°C.
- Operating temperature range: -40°C ~+100°C (Including coil's self temperature rise).
- Ideally used in Notebook PC, LCD TV,DVD, Game machine, STB ,Projector etc as DC-DC converter inductors.
- RoHS compliance.
- Halogen Free is available.

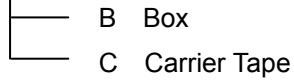
◆ Dimensions (mm)

◆ Land Pattern (mm)


Type: CDRH127/LD
◆ Specification

Part Name ※	Stamp	Inductance (μ H)	D.C.R.(Ω) Max.(Typ.)(at 20°C)	Rated Current (A)※1	Measuring Frequency
CDRH127/LDHF-1R0N□	1R0	1.0 \pm 30%	6.5m(5.0m)	14.0	at 100 kHz
CDRH127/LDHF-2R4N□	2R4	2.4 \pm 30%	10.5m(8.1m)	10.3	
CDRH127/LDHF-3R5N□	3R5	3.5 \pm 30%	12.4m(9.5m)	9.30	
CDRH127/LDHF-4R6N□	4R6	4.6 \pm 30%	13.8m(10.6m)	9.10	
CDRH127/LDHF-5R8N□	5R8	5.8 \pm 30%	16.2m(12.4m)	8.60	
CDRH127/LDHF-7R4N□	7R4	7.4 \pm 30%	17.7m(13.6m)	7.40	
CDRH127/LDHF-100M□	100	10 \pm 20%	19.5m(15.0m)	6.70	at 1 kHz
CDRH127/LDHF-120M□	120	12 \pm 20%	21.3m(16.4m)	6.45	
CDRH127/LDHF-150M□	150	15 \pm 20%	26.4m(20.3m)	5.65	
CDRH127/LDHF-180M□	180	18 \pm 20%	28.0m(21.5m)	5.10	
CDRH127/LDHF-220M□	220	22 \pm 20%	36.4m(28.0m)	4.70	
CDRH127/LDHF-270M□	270	27 \pm 20%	41.6m(32.0m)	4.20	
CDRH127/LDHF-330M□	330	33 \pm 20%	53.3m(41.0m)	3.90	
CDRH127/LDHF-390M□	390	39 \pm 20%	60.5m(46.5m)	3.50	
CDRH127/LDHF-470M□	470	47 \pm 20%	78.0m(60.0m)	3.25	
CDRH127/LDHF-560M□	560	56 \pm 20%	90.0m(69.0m)	2.90	
CDRH127/LDHF-680M□	680	68 \pm 20%	120m(92.0m)	2.60	
CDRH127/LDHF-820M□	820	82 \pm 20%	119m(91.0m)	2.40	
CDRH127/LDHF-101M□	101	100 \pm 20%	151m (119m)	2.10	
CDRH127/LDHF-121M□	121	120 \pm 20%	169m (130m)	1.90	
CDRH127/LDHF-151M□	151	150 \pm 20%	227m (174m)	1.80	
CDRH127/LDHF-181M□	181	180 \pm 20%	299m (230m)	1.55	
CDRH127/LDHF-221M□	221	220 \pm 20%	338m (260m)	1.45	
CDRH127/LDHF-271M□	271	270 \pm 20%	419m (322m)	1.30	
CDRH127/LDHF-331M□	331	330 \pm 20%	471m (362m)	1.20	
CDRH127/LDHF-391M□	391	390 \pm 20%	572m (440m)	1.10	
CDRH127/LDHF-471M□	471	470 \pm 20%	741m (570m)	1.00	
CDRH127/LDHF-561M□	561	560 \pm 20%	852m (655m)	0.95	
CDRH127/LDHF-681M□	681	680 \pm 20%	1.13 (870m)	0.85	
CDRH127/LDHF-821M□	821	820 \pm 20%	1.24 (950m)	0.75	
CDRH127/LDHF-102M□	102	1000 \pm 20%	1.50 (1.15)	0.70	

Type: CDRH127/LD**※ Description of part name**

CDRH127/LDNP-1R0N□



※1. Rated current: The DC current at which the inductance decreases to 75% of it's nominal value or when $\Delta t=40^{\circ}\text{C}$, whichever is lower($T_a=20^{\circ}\text{C}$).