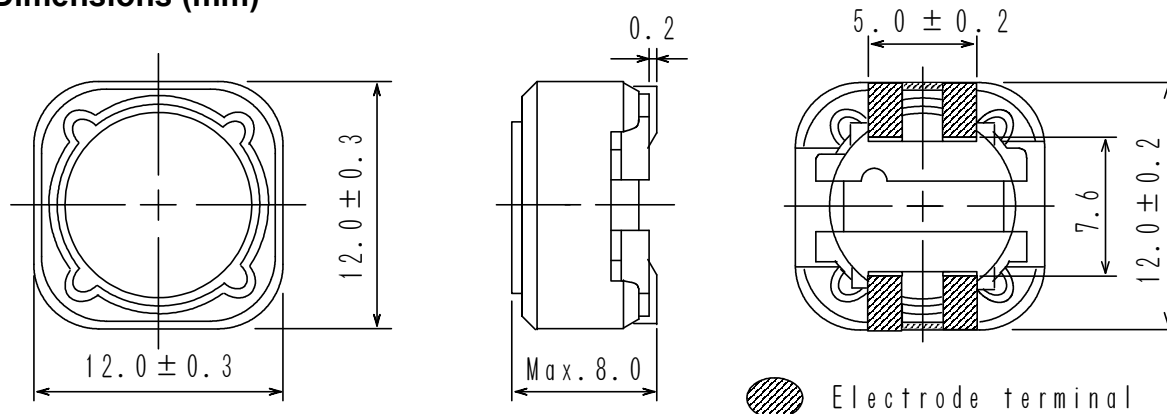
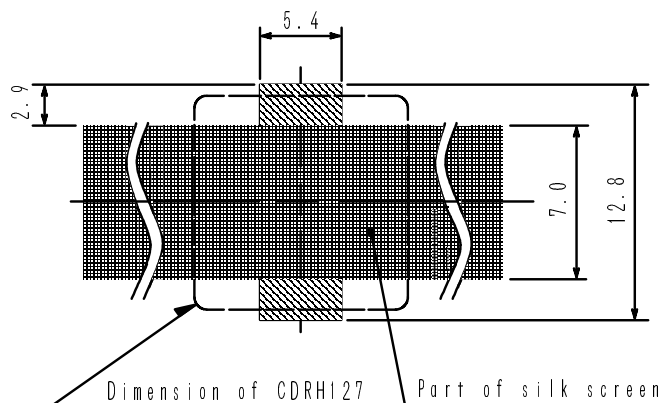


Type: CDRH127
◆ Product Description

- 12.3×12.3mm Max.(L×W), 8.0mm Max. Height.
- Inductance range: 1.2 μ H~1.0mH.
- Rated current range: 0.55~9.8A.
- 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 and Halogen Free.

◆ Dimensions (mm)

◆ Land Pattern (mm)

◆ Specification

Please refer to the sales offices on our website for a representative near you

www.sumida.com

Type: CDRH127

Part Name ※	Stamp	Inductance (μ H)	D.C.R.(Ω) Max.(Typ.) (at 20°C)	Rated Current (A)※1	Measuring Frequency
CDRH127NP-1R2N□	1R2	+40% 1.2-20%	7.0m(5.2m)	9.80	at 100 kHz
CDRH127NP-2R4N□	2R4	+40% 2.4-20%	11.5m(8.5m)	8.00	
CDRH127NP-3R5N□	3R5	+40% 3.5-20%	13.5m(10.0m)	7.50	
CDRH127NP-4R7N□	4R7	+40% 4.7-20%	15.8m(11.7m)	6.80	
CDRH127NP-6R1N□	6R1	+40% 6.1-20%	17.6m(13.0m)	6.60	
CDRH127NP-7R6N□	7R6	+40% 7.6-20%	20.0m(15.0m)	5.90	
CDRH127NP-100M□	100	10 $\pm$ 20%	21.6m(16.0m)	5.40	at 1 kHz
CDRH127NP-120M□	120	12 $\pm$ 20%	24.3m(18.0m)	4.90	
CDRH127NP-150M□	150	15 $\pm$ 20%	27.0m(20.0m)	4.50	
CDRH127NP-180M□	180	18 $\pm$ 20%	39.2m(29.0m)	3.90	
CDRH127NP-220M□	220	22 $\pm$ 20%	43.2m(32.0m)	3.60	
CDRH127NP-270M□	270	27 $\pm$ 20%	45.9m(34.0m)	3.40	
CDRH127NP-330M□	330	33 $\pm$ 20%	64.8m(48.0m)	3.00	
CDRH127NP-390M□	390	39 $\pm$ 20%	72.9m(54.0m)	2.75	
CDRH127NP-470M□	470	47 $\pm$ 20%	0.10 (76.0m)	2.50	
CDRH127NP-560M□	560	56 $\pm$ 20%	0.11 (83.0m)	2.35	
CDRH127NP-680M□	680	68 $\pm$ 20%	0.14 (0.10)	2.10	
CDRH127NP-820M□	820	82 $\pm$ 20%	0.16 (0.12)	1.95	
CDRH127NP-101M□	101	100 $\pm$ 20%	0.22 (0.17)	1.70	
CDRH127NP-121M□	121	120 $\pm$ 20%	0.25 (0.18)	1.60	
CDRH127NP-151M□	151	150 $\pm$ 20%	0.28 (0.21)	1.42	
CDRH127NP-181M□	181	180 $\pm$ 20%	0.35 (0.26)	1.30	
CDRH127NP-221M□	221	220 $\pm$ 20%	0.39 (0.29)	1.16	
CDRH127NP-271M□	271	270 $\pm$ 20%	0.56 (0.42)	1.06	
CDRH127NP-331M□	331	330 $\pm$ 20%	0.64 (0.47)	0.95	
CDRH127NP-391M□	391	390 $\pm$ 20%	0.70 (0.52)	0.88	
CDRH127NP-471M□	471	470 $\pm$ 20%	0.98 (0.73)	0.79	
CDRH127NP-561M□	561	560 $\pm$ 20%	1.07 (0.79)	0.73	
CDRH127NP-681M□	681	680 $\pm$ 20%	1.46 (1.12)	0.67	
CDRH127NP-821M□	821	820 $\pm$ 20%	1.64 (1.26)	0.60	
CDRH127NP-102M□	102	1000 $\pm$ 20%	1.82 (1.40)	0.55	

※ Description of part name

Type: CDRH127

CDRH127NP-1R2N□

└─	B	Box
└─	C	Carrier Tape

※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($T_a=20^{\circ}\text{C}$).