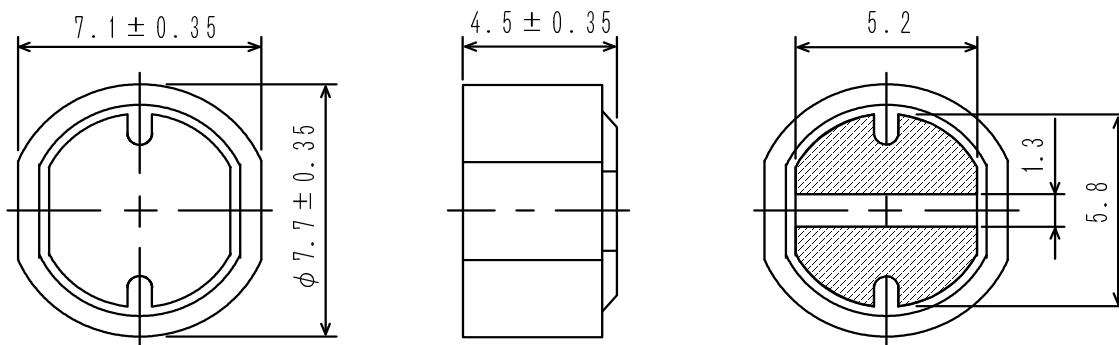
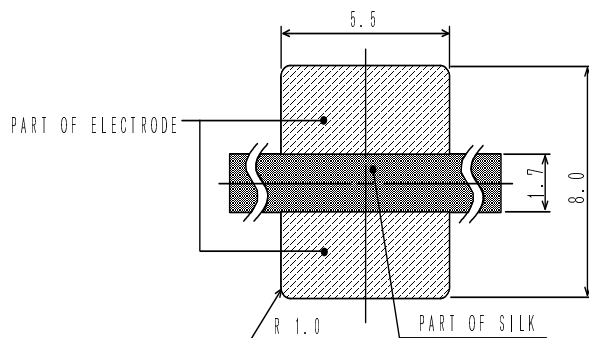


Type: CDR74
◆ Product Description

- 8.05 × 7.45mm Max.(L × W), 4.85mm Max. Height.
- Inductance range: 10 ~ 270 μH.
- Rated current range: 0.31 ~ 1.64A.
- In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.


◆ Feature

- Magnetically shielded construction.
- Storage temperature range: -40°C ~ +85°C.
- Operating temperature range: -40°C ~ +85°C (Including coil's self temperature rise).
- Ideally used in Notebook PC, LCD TV, Game machine, HDD, DSC/DVC, etc as DC-DC converter inductors.
- RoHS compliance.

◆ Dimensions (mm)

◆ Land Pattern (mm)


Type: CDR74
◆ Specification

Part name ※	Stamp	Inductance (μ H)	D.C.R.(Ω) [MAX.] (at 20°C)	Rated Current (A) ※1	S.R.F. (MHz) [TYP.]	Measured Frequency
CDR74NP-100N□	100	+25% 10—15%	0.07	1.64	29.8	at 2.52 MHz
CDR74NP-120N□	120	+25% 12—15%	0.08	1.50	26.4	
CDR74NP-150N□	150	+25% 15—15%	0.09	1.34	21.1	
CDR74NP-180N□	180	+25% 18—15%	0.11	1.22	20.0	
CDR74NP-220N□	220	+25% 22—15%	0.12	1.10	19.5	
CDR74NP-270N□	270	+25% 27—15%	0.17	1.00	16.5	
CDR74NP-330N□	330	+25% 33—15%	0.19	0.90	15.5	
CDR74NP-390N□	390	+25% 39—15%	0.21	0.83	14.4	
CDR74NP-470N□	470	+25% 47—15%	0.24	0.75	12.8	
CDR74NP-560N□	560	+25% 56—15%	0.32	0.69	11.6	
CDR74NP-680N□	680	+25% 68—15%	0.37	0.63	10.2	
CDR74NP-820N□	820	+25% 82—15%	0.40	0.57	9.95	
CDR74NP-101M□	101	+20% 100—15%	0.54	0.52	8.59	at 1 kHz
CDR74NP-121M□	121	+20% 120—15%	0.62	0.47	7.53	
CDR74NP-151M□	151	+20% 150—15%	0.86	0.42	7.00	
CDR74NP-181M□	181	+20% 180—15%	0.97	0.38	6.53	
CDR74NP-221M□	221	+20% 220—15%	1.31	0.35	5.07	
CDR74NP-271M□	271	+20% 270—15%	1.46	0.31	4.67	

※ Description of part name

CDR74NP-100N□

- B Box
- C Carrier Tape

※1. Rated current: The D.C. current at which the inductance decreases to 80% of it's nominal value or when $\Delta t=40^{\circ}\text{C}$, whichever is lower($T_a=20^{\circ}\text{C}$).