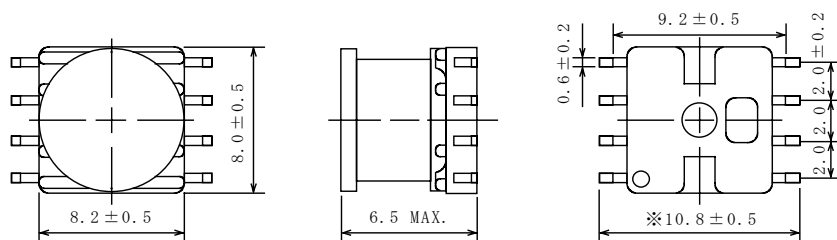
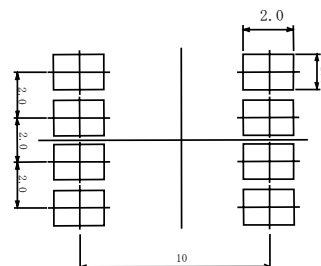


Type: CMD-8LN
◆ Product Description

- 8.7×8.5mm Max.(L×W), 6.5mm Max. Height.
- Inductance range: 22 μ H~1.0mH
- Rated current range: 0.26A~1.65A
- 8 Terminal pins' type gives a flexible design as inductors or transformers.
- Custom design is available.


◆ Feature

- Magnetically unshielded construction.
- Max. Operating frequency 500kHz, Max Operating Power 2.2W (500kHz)
- Ideally used in DSC/DVC,PDA, Power supply module etc as DC-DC Converter inductors or transformers.
- RoHS Compliance

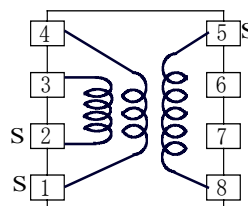
◆ Dimensions (mm)

◆ Land Pattern (mm)

◆ Specification (for transformers)

Sample No.	Inductance (5-8) 1kHz/1V	D.C.R. (5-8)	Rated Current (5-8)	Hi-pot (1,4)-5,8) (50/60Hz)
6313-T039	125 μ H $\pm$ 10%	1.63 Ω Max.	2.3 A	AC 800Vrms/1min.

※ Rated current: The D.C. current at which the inductance decreases to 90% of it's initial value or when $\Delta t=40^{\circ}\text{C}$, whichever is lower($T_a=20^{\circ}\text{C}$).

※ Schematics (Bottom)

“S” is winding start.



Type: CMD-8LN

◆ Specification (for inductors)

Part Name ※	Stamp	Inductance [Within] ※1	D.C.R.(Ω) [Max.] (at 20℃)	Rate Current (A)※2	S.R.F. (MHz) [Min.]
CMD8LNNP-220K□	220K	22 μH ± 10%	0.14	1.65	20.0
CMD8LNNP-270K□	270K	27 μH ± 10%	0.16	1.55	16.0
CMD8LNNP-330K□	330K	33 μH ± 10%	0.18	1.40	15.5
CMD8LNNP-390K□	390K	39 μH ± 10%	0.19	1.30	14.8
CMD8LNNP-470K□	470K	47 μH ± 10%	0.21	1.25	12.6
CMD8LNNP-560K□	560K	56 μH ± 10%	0.25	1.15	11.5
CMD8LNNP-680K□	680K	68 μH ± 10%	0.30	1.01	11.4
CMD8LNNP-820K□	820K	82 μH ± 10%	0.35	0.96	9.7
CMD8LNNP-101K□	101K	100 μH ± 10%	0.40	0.83	8.4
CMD8LNNP-121K□	121K	120 μH ± 10%	0.45	0.77	8.0
CMD8LNNP-151K□	151K	150 μH ± 10%	0.50	0.68	7.7
CMD8LNNP-181K□	181K	180 μH ± 10%	0.65	0.62	6.6
CMD8LNNP-221K□	221K	220 μH ± 10%	0.75	0.56	6.0
CMD8LNNP-271K□	271K	270 μH ± 10%	1.00	0.53	5.2
CMD8LNNP-331K□	331K	330 μH ± 10%	1.15	0.46	4.9
CMD8LNNP-391K□	391K	390 μH ± 10%	1.35	0.43	4.1
CMD8LNNP-471K□	471K	470 μH ± 10%	1.70	0.40	3.9
CMD8LNNP-561K□	561K	560 μH ± 10%	1.95	0.37	3.6
CMD8LNNP-681K□	681K	680 μH ± 10%	2.55	0.32	3.4
CMD8LNNP-821K□	821K	820 μH ± 10%	2.95	0.30	3.2
CMD8LNNP-102K□	102K	1.0mH ± 10%	3.85	0.26	2.7

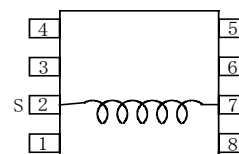
※ Description of part name

CMD8LNNP-220K□

B Box
 C Carrier Tape

※ Schematics (Bottom)

“S” is winding start.



※1: Measuring Frequency : 22 μH ~ 82 μH at 2.52MHz
 100 μH ~ 1.0mH at 1kHz

※2. Rated current: The D.C. current at which the inductance decreases to 90% of it's initial value or when Δt=40℃, whichever is lower(Ta=20℃).