

Type: CM-5N

◆ Product Description

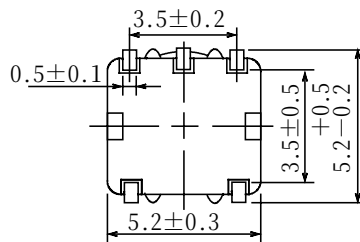
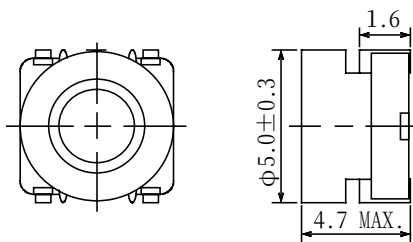
- 5.5×5.7mm Max.(L×W), 4.7mm Max. Height.
- Inductance range: 10 μH~5.6mH
- Rated current range: 21mA~490mA
- 5 Terminal pins' type gives a flexible design as inductors or transformers.
- Custom design is available.



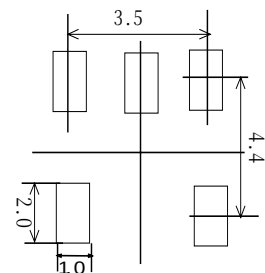
◆ Feature

- Magnetically shielded construction.
- Ideally used in Notebook PC, LCD TV,DVD, Game machine, STB , Projector, Power supply module etc as DC-DC Converter inductors or transformers.
- RoHS Compliance

◆ Dimensions (mm)



◆ Land Pattern (mm)

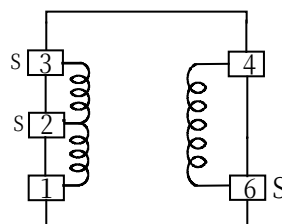


◆ Specification (for transformers)

Sample No.	Inductance (6-4) 100KHz/0.1V	D.C.R (6-4) @ 20°C
6300-T045	387μH $\begin{matrix} +40\% \\ -20\% \end{matrix}$	6.2Ω Max.

※ Schematics (Bottom)

“S” is winding start.



Type: CM-5N

◆ Specification (for inductors)

Part Name ※	Inductance (Tolerance +40%, -20%)[Within]	D.C.R.(Ω) [Max.](at 20°C)	Rate Current (mA)※2	Measuring Frequency
CM5NNP-100□	10 μH	0.2	490	2.52 MHz
CM5NNP-120□	12μH	0.25	460	
CM5NNP-150□	15μH	0.25	415	
CM5NNP-180□	18μH	0.3	375	
CM5NNP-220□	22μH	0.3	305	
CM5NNP-270□	27μH	0.35	280	
CM5NNP-330□	33μH	0.4	270	
CM5NNP-390□	39μH	0.45	245	
CM5NNP-470□	47μH	0.5	215	
CM5NNP-560□	56μH	0.55	210	
CM5NNP-680□	68μH	0.6	190	
CM5NNP-820□	82μH	0.7	160	
CM5NNP-101□	100μH	0.75	150	1 kHz
CM5NNP-121□	120μH	0.95	140	
CM5NNP-151□	150μH	1.25	130	
CM5NNP-181□	180μH	1.5	115	
CM5NNP-221□	220μH	1.7	105	
CM5NNP-271□	270μH	1.9	95	
CM5NNP-331□	330μH	2.45	90	
CM5NNP-391□	390μH	3.15	80	
CM5NNP-471□	470μH	3.65	75	
CM5NNP-561□	560μH	4.2	65	
CM5NNP-681□	680μH	4.5	60	
CM5NNP-821□	820μH	6.9	55	
CM5NNP-102□	1.0 mH	10	50	
CM5NNP-122□	1.2 mH	10.5	45	
CM5NNP-152□	1.5 mH	13	40	
CM5NNP-182□	1.8 mH	18	40	
CM5NNP-222□	2.2 mH	22	35	
CM5NNP-272□	2.7 mH	24	30	
CM5NNP-332□	3.3 mH	27.5	30	
CM5NNP-392□	3.9 mH	31	25	
CM5NNP-472□	4.7 mH	32	24	
CM5NNP-562□	5.6 mH	36	21	

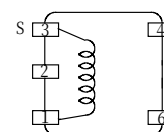
※ Description of part name

CMD6LNNP-220K□

B Box
 C Carrier Tape

※ Schematics (Bottom)

“S” is winding start.



※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($T_a=20^{\circ}\text{C}$).