Type: CM-5

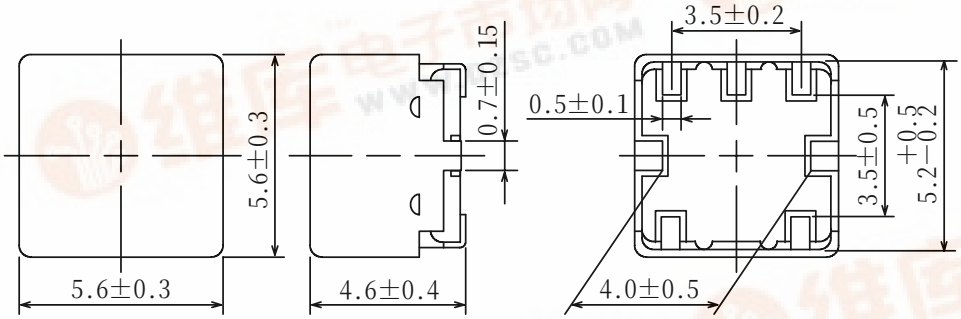
◆ Product Description

- 5.9×5.9mm Max.(L×W), 5.0mm Max. Height.
- Inductance range: 10μH～5.6mH.
- Rated current range: 21mA～490mA.
- 5 Terminal pins' type gives a flexible design as inductors or transformers.
- Custom design is available.

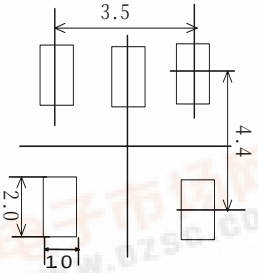
◆ Featurex

- 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)

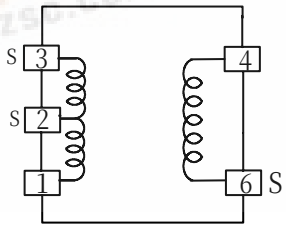


◆ Specification (for transformers)

Sample No.	Inductance (6-4) 100KHz/0.1V	Rate Current(6-4) (mA)※1
6301-T005	100μH +40% -20%	135

※ Schematics (Bottom)

" S" is winding start.



Type: CM-5

◆ Specification (for inductors)

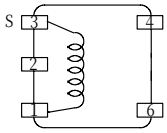
Part Name ※	Inductance (Tolerance +40%, -20%)[Within]	D.C.R.(Ω) [Max.](at 20℃)	Rate Current (mA)※2	Measuring Frequency
CM5NP-100□	10μH	0.2	490	2.52 MHz
CM5NP-120□	12μH	0.25	460	
CM5NP-150□	15μH	0.25	415	
CM5NP-180□	18μH	0.3	375	
CM5NP-220□	22μH	0.3	305	
CM5NP-270□	27μH	0.35	280	
CM5NP-330□	33μH	0.4	270	
CM5NP-390□	39μH	0.45	245	
CM5NP-470□	47μH	0.5	215	
CM5NP-560□	56μH	0.55	210	
CM5NP-680□	68μH	0.6	190	
CM5NP-820□	82μH	0.7	160	
CM5NP-101□	100μH	0.75	150	1 kHz
CM5NP-121□	120μH	0.95	140	
CM5NP-151□	150μH	1.25	130	
CM5NP-181□	180μH	1.5	115	
CM5NP-221□	220μH	1.7	105	
CM5NP-271□	270μH	1.9	95	
CM5NP-331□	330μH	2.45	90	
CM5NP-391□	390μH	3.15	80	
CM5NP-471□	470μH	3.65	75	
CM5NP-561□	560μH	4.2	65	
CM5NP-681□	680μH	4.5	60	
CM5NP-821□	820μH	6.9	55	
CM5NP-102□	1.0 mH	10	50	
CM5NP-122□	1.2 mH	10.5	45	
CM5NP-152□	1.5 mH	13	40	
CM5NP-182□	1.8 mH	18	40	
CM5NP-222□	2.2 mH	22	35	
CM5NP-272□	2.7 mH	24	30	
CM5NP-332□	3.3 mH	27.5	30	
CM5NP-392□	3.9 mH	31	25	
CM5NP-472□	4.7 mH	32	24	
CM5NP-562□	5.6 mH	36	21	

※ Description of part name

CM5NP-100□
- B Box
- C Carrier Tape

※ Schematics (Bottom)

" S" is winding start.



※1.Rated current: The D.C. current at which the inductance decreases to 90% of it's initial value or when △t=40℃, whichever is lower(Ta=20℃).