



General Power Transformer <SMD Type: CM Series>

Type: CM-5N

Product Description

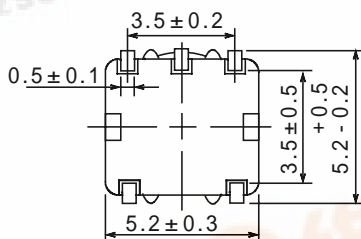
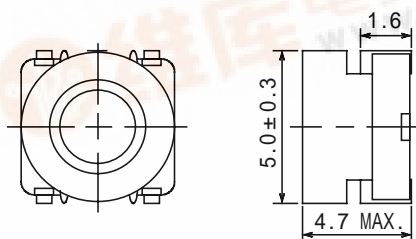
- 5.5 × 5.7mm Max.(L × W), 4.7mm Max. Height.
- Inductance range: 10 μH ~ 5.6mH
- Rated current range: 21mA ~ 490mA
- 5 Terminal pins' type gives a flexible design as inductors or transformers.
- Custom design is available.



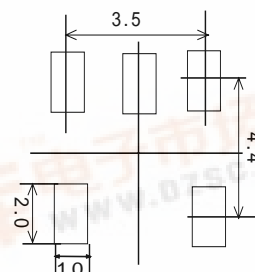
Feature

- 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)

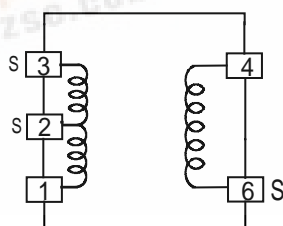


Specification (for transformers)

Sample No.	Inductance (6-4) 100KHz/0.1V	D.C.R (6-4) @ 20
6300-T045	387μH +40 % -20 %	6.2 Max.

Schematics (Bottom)

“S” is winding start.



Type: CM-5N

Specification (for inductors)

Part Name	Inductance (Tolerance +40%, -20%)[Within]	D.C.R.() [Max.](at 20)	Rate Current (mA) 2	Measuring Frequency
CM5NNP-100	10 μ H	0.2	490	2.52 MHz
CM5NNP-120	12 μ H	0.25	460	
CM5NNP-150	15 μ H	0.25	415	
CM5NNP-180	18 μ H	0.3	375	
CM5NNP-220	22 μ H	0.3	305	
CM5NNP-270	27 μ H	0.35	280	
CM5NNP-330	33 μ H	0.4	270	
CM5NNP-390	39 μ H	0.45	245	
CM5NNP-470	47 μ H	0.5	215	
CM5NNP-560	56 μ H	0.55	210	
CM5NNP-680	68 μ H	0.6	190	
CM5NNP-820	82 μ H	0.7	160	
CM5NNP-101	100 μ H	0.75	150	1 kHz
CM5NNP-121	120 μ H	0.95	140	
CM5NNP-151	150 μ H	1.25	130	
CM5NNP-181	180 μ H	1.5	115	
CM5NNP-221	220 μ H	1.7	105	
CM5NNP-271	270 μ H	1.9	95	
CM5NNP-331	330 μ H	2.45	90	
CM5NNP-391	390 μ H	3.15	80	
CM5NNP-471	470 μ H	3.65	75	
CM5NNP-561	560 μ H	4.2	65	
CM5NNP-681	680 μ H	4.5	60	
CM5NNP-821	820 μ H	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	

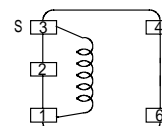
Description of part name

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 $t=40$, whichever is lower($T_a=20$).