

7E06NA



■ Features

- SMD magnetically shielded type of power inductor
- Suitable as power supply choke coil
- Low DC Resistance
- 1mH is ideal for phantom power supply

Magnetic structure :

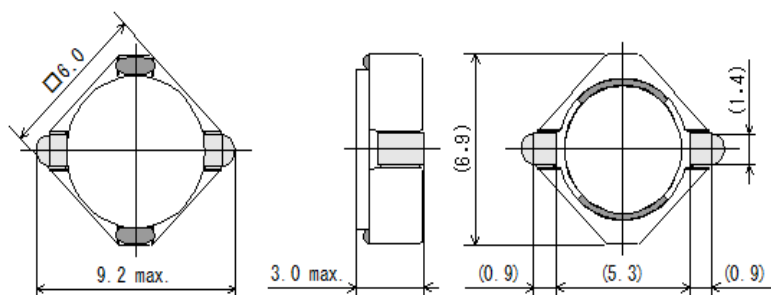


Weight : 0.36 g

■ Applications

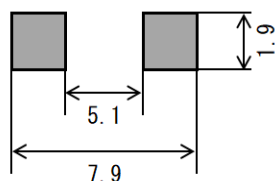
- Audio Visual/Camera, Recorder, TV and Monitor
- Automotive/Antenna
- Computer & Peripheral Device/Printer(MFP), Industrial Machines, Computer
- Home Electronics/LED Lights
- Others/FA, Medical, Energy, Power Supply, Transceivers

■ Dimensions



(Unit : mm)

■ Recommended Land Pattern



(Unit : mm)



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■ Specifications

SAGAMI Part No.	Inductance (μ H)	DCR (Ω) $\pm 30\%$	DC Saturation Allowable Current (A)	Temperature Rise Allowable Current (A)
7E06NA-1R2N	1.2 $\pm 30\%$	0.00840	3.40	5.60
7E06NA-1R5N	1.5 $\pm 30\%$	0.0110	2.80	5.10
7E06NA-2R2N	2.2 $\pm 30\%$	0.0130	2.50	4.70
7E06NA-3R3N	3.3 $\pm 30\%$	0.0160	2.10	4.20
7E06NA-3R9N	3.9 $\pm 30\%$	0.0200	1.90	3.70
7E06NA-4R7N	4.7 $\pm 30\%$	0.0230	1.70	3.40
7E06NA-5R6N	5.6 $\pm 30\%$	0.0280	1.60	3.10
7E06NA-6R8N	6.8 $\pm 30\%$	0.0320	1.50	2.90
7E06NA-8R2N	8.2 $\pm 30\%$	0.0390	1.40	2.60
7E06NA-100M	10 $\pm 20\%$	0.0410	1.30	2.50
7E06NA-120M	12 $\pm 20\%$	0.0500	1.20	2.30
7E06NA-150M	15 $\pm 20\%$	0.0670	1.00	1.90
7E06NA-180M	18 $\pm 20\%$	0.0820	0.940	1.70
7E06NA-220M	22 $\pm 20\%$	0.0940	0.850	1.50
7E06NA-270M	27 $\pm 20\%$	0.110	0.800	1.40
7E06NA-330M	33 $\pm 20\%$	0.150	0.700	1.20
7E06NA-390M	39 $\pm 20\%$	0.170	0.650	1.10
7E06NA-470M	47 $\pm 20\%$	0.210	0.560	1.00
7E06NA-560M	56 $\pm 20\%$	0.240	0.530	0.950
7E06NA-680M	68 $\pm 20\%$	0.270	0.500	0.900
7E06NA-820M	82 $\pm 20\%$	0.370	0.440	0.750
7E06NA-101M	100 $\pm 20\%$	0.460	0.400	0.700
7E06NA-121M	120 $\pm 20\%$	0.510	0.370	0.660
7E06NA-151M	150 $\pm 20\%$	0.650	0.330	0.570
7E06NA-181M	180 $\pm 20\%$	0.920	0.300	0.460
7E06NA-221M	220 $\pm 20\%$	1.05	0.260	0.440
7E06NA-271M	270 $\pm 20\%$	1.18	0.240	0.420
7E06NA-331M	330 $\pm 20\%$	1.73	0.220	0.350
7E06NA-391M	390 $\pm 20\%$	1.90	0.200	0.330
7E06NA-471M	470 $\pm 20\%$	2.23	0.170	0.310
7E06NA-102M	1000 $\pm 20\%$	3.90	0.140	0.220

Inductance Measuring Condition: 100kHz, 1V(<10 μ H), 1kHz, 1V($\geq 10\mu$ H)

DC saturation allowable current: The current value which inductance decrease within 35% from the initial value

Temperature rise allowable current: The rise in temperature of core surface is 25°C



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