

7E04NA



■ Features

- SMD magnetic shielded type of power inductor
- Suitable for power supply choke coil
- Available in 3 types of electronic characteristics
- Low DC Resistance

Magnetic structure :

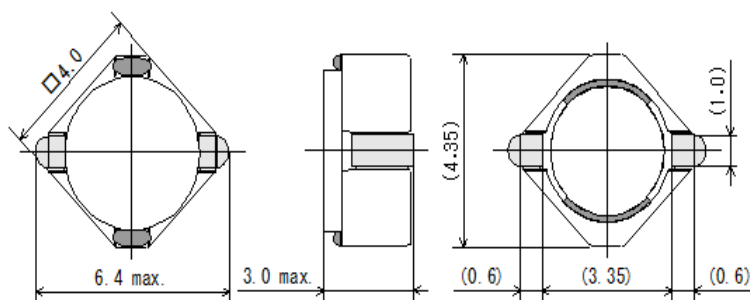


Weight : 0.13 g

■ Applications

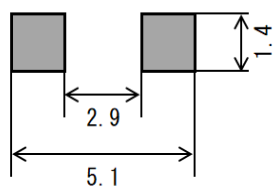
- Audio Visual/Camera, Portable Audio
- Computer & Peripheral Device/Computer, Printer(MFP)
- Others/FA, Medical, Energy, Power Supply, Transceivers

■ 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)
7E04NA-1R5N	1.5 $\pm 30\%$	0.0140	2.00	3.60
7E04NA-1R8N	1.8 $\pm 30\%$	0.0160	1.80	3.30
7E04NA-2R4N	2.4 $\pm 30\%$	0.0190	1.50	3.00
7E04NA-3R6N	3.6 $\pm 30\%$	0.0250	1.20	2.70
7E04NA-4R3N	4.3 $\pm 30\%$	0.0290	1.10	2.50
7E04NA-5R1N	5.1 $\pm 30\%$	0.0350	1.00	2.30
7E04NA-6R8N	6.8 $\pm 30\%$	0.0480	0.900	1.90
7E04NA-7R5N	7.5 $\pm 30\%$	0.0560	0.850	1.70
7E04NA-100M	10 $\pm 20\%$	0.0720	0.750	1.50
7E04NA-120M	12 $\pm 20\%$	0.0870	0.700	1.30
7E04NA-150M	15 $\pm 20\%$	0.110	0.600	1.20
7E04NA-180M	18 $\pm 20\%$	0.130	0.550	1.10
7E04NA-220M	22 $\pm 20\%$	0.150	0.500	1.00
7E04NA-270M	27 $\pm 20\%$	0.180	0.450	0.900
7E04NA-330M	33 $\pm 20\%$	0.230	0.400	0.800
7E04NA-390M	39 $\pm 20\%$	0.250	0.380	0.750
7E04NA-470M	47 $\pm 20\%$	0.330	0.340	0.650
7E04NA-560M	56 $\pm 20\%$	0.400	0.320	0.600
7E04NA-680M	68 $\pm 20\%$	0.450	0.300	0.550
7E04NA-820M	82 $\pm 20\%$	0.580	0.270	0.500
7E04NA-101M	100 $\pm 20\%$	0.650	0.240	0.450
7E04NA-121M	120 $\pm 20\%$	0.840	0.210	0.400
7E04NA-151M	150 $\pm 20\%$	0.970	0.190	0.350

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



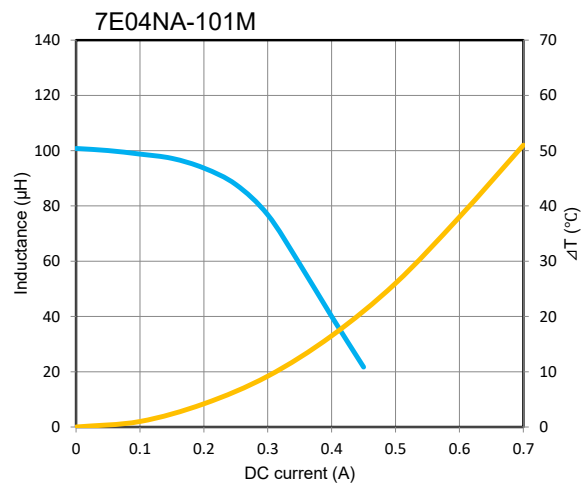
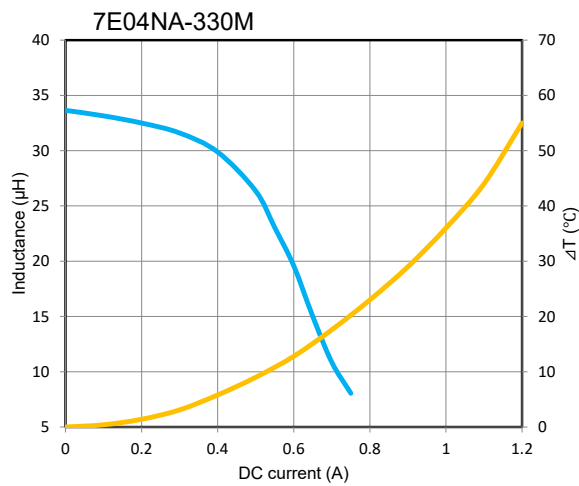
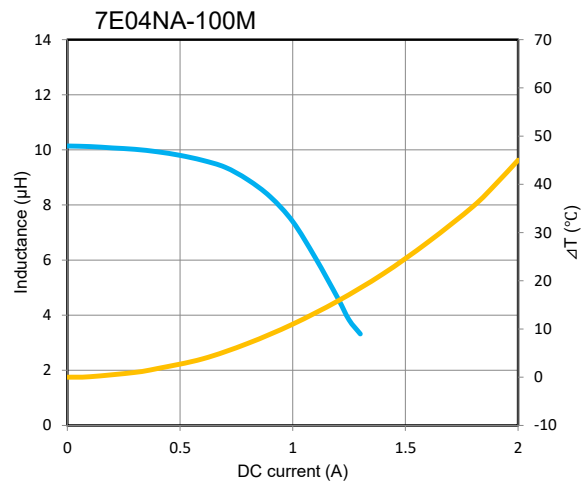
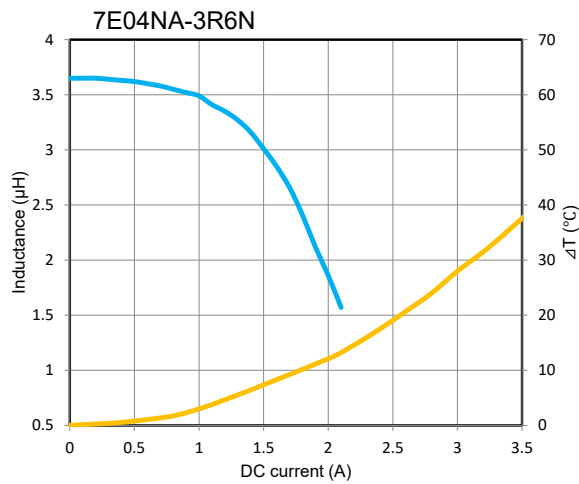
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DC bias characteristics vs Temperature Rise Graph

■ $L(25^{\circ}\text{C})$ ■ ΔT



未掲載の定数については現在準備中ですが、ご依頼いただけましたら優先的にご用意いたします。
Unlisted constants are currently being prepared, but will be given priority if requested.



サガミ エレク株式会社
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