

7E06LA



■ Features

- SMD magnetically shielded type of power inductor
- Suitable as power supply choke coil
- Low DC Resistance

Magnetic structure :

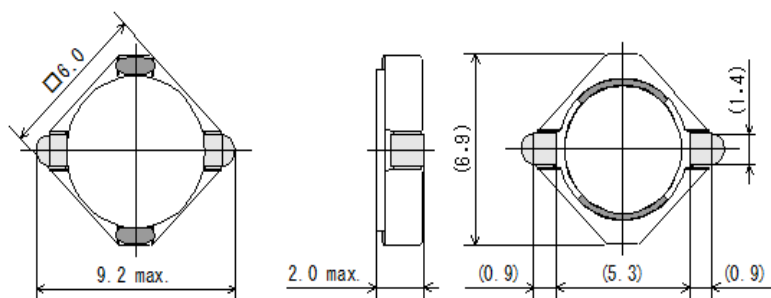


Weight : 0.21 g

■ Applications

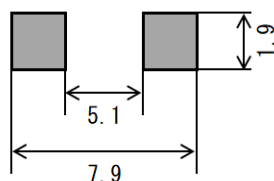
- Audio Visual/Camera, Recorder, TV and Monitor
- Automotive/Antenna
- Computer & Peripheral Device/Printer(MFP), Industrial Machines, Computer
- Home Electronics/LED Lights
- Others/FA, Medical, Energy, Power Supply, Transceivers

■ Dimensions



(Unit : mm)

■ Recommended Land Pattern



(Unit : mm)



SAGAMI ELEC CO., LTD.
<https://www.sagami-elec.co.jp>

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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)
7E06LA-1R2N	1.2 $\pm 30\%$	0.0110	2.40	4.80
7E06LA-1R8N	1.8 $\pm 30\%$	0.0160	2.10	4.00
7E06LA-2R4N	2.4 $\pm 30\%$	0.0220	1.80	3.40
7E06LA-3R3N	3.3 $\pm 30\%$	0.0270	1.50	3.00
7E06LA-4R3N	4.3 $\pm 30\%$	0.0330	1.30	2.70
7E06LA-5R6N	5.6 $\pm 30\%$	0.0410	1.20	2.40
7E06LA-6R8N	6.8 $\pm 30\%$	0.0570	1.10	2.00
7E06LA-8R2N	8.2 $\pm 30\%$	0.0640	1.00	1.90
7E06LA-100M	10 $\pm 20\%$	0.0920	0.900	1.50
7E06LA-120M	12 $\pm 20\%$	0.100	0.800	1.40
7E06LA-150M	15 $\pm 20\%$	0.130	0.700	1.20
7E06LA-180M	18 $\pm 20\%$	0.150	0.600	1.10
7E06LA-220M	22 $\pm 20\%$	0.190	0.550	1.00
7E06LA-270M	27 $\pm 20\%$	0.220	0.500	0.960
7E06LA-330M	33 $\pm 20\%$	0.260	0.450	0.860
7E06LA-390M	39 $\pm 20\%$	0.290	0.400	0.820
7E06LA-470M	47 $\pm 20\%$	0.410	0.380	0.650
7E06LA-560M	56 $\pm 20\%$	0.460	0.350	0.620
7E06LA-680M	68 $\pm 20\%$	0.530	0.330	0.580
7E06LA-820M	82 $\pm 20\%$	0.750	0.300	0.470
7E06LA-101M	100 $\pm 20\%$	0.850	0.280	0.450
7E06LA-121M	120 $\pm 20\%$	0.960	0.250	0.420

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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