

7916N



■ Features

- Large size magnetically unshielded inductor
- Suitable as power supply choke coil in circuits which require high electric current
- Core can be externally insulated with resin shrink tube

Magnetic structure :

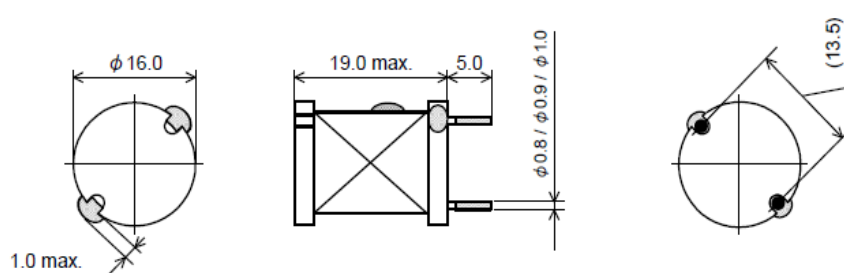


Weight : 13 g

■ Applications

- Audio Visual/Recorder, Mini System, AV Amplifier, for Professionals
- Computer & Peripheral Device/Printer(MFP)
- Home Electronics/LED Lights, Home Electronics
- Others/Power Supply, FA, Energy

■ Dimensions



(Unit : mm)



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

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■ Specifications

SAGAMI Part No.	Inductance (μ H)	DCR (m Ω)		DC Saturation Allowable Current (A)	Temperature Rise Allowable Current (A)
		max.	Typical		
7916N-3R9N	3.9 $\pm$ 30%	0.00700	0.00500	24.0	8.90
7916N-4R7N	4.7 $\pm$ 30%	0.00800	0.00600	21.5	8.70
7916N-5R6N	5.6 $\pm$ 30%	0.00900	0.00700	19.7	8.40
7916N-6R8N	6.8 $\pm$ 30%	0.0100	0.00700	17.5	7.70
7916N-8R2N	8.2 $\pm$ 30%	0.0110	0.00800	16.5	7.40
7916N-100M	10 $\pm$ 20%	0.0120	0.00900	14.6	7.20
7916N-120M	12 $\pm$ 20%	0.0130	0.0100	13.2	6.80
7916N-150M	15 $\pm$ 20%	0.0150	0.0110	11.7	6.30
7916N-180M	18 $\pm$ 20%	0.0160	0.0120	11.0	5.90
7916N-220M	22 $\pm$ 20%	0.0180	0.0140	9.30	5.70
7916N-270M	27 $\pm$ 20%	0.0210	0.0160	8.50	5.60
7916N-330M	33 $\pm$ 20%	0.0270	0.0210	7.60	4.80
7916N-390M	39 $\pm$ 20%	0.0300	0.0230	6.90	4.60
7916N-470M	47 $\pm$ 20%	0.0360	0.0250	6.50	4.30
7916N-560M	56 $\pm$ 20%	0.0410	0.0280	5.80	4.20
7916N-680M	68 $\pm$ 20%	0.0450	0.0320	5.40	4.00
7916N-820M	82 $\pm$ 20%	0.0560	0.0420	4.80	3.30
7916N-101M	100 $\pm$ 20%	0.0650	0.0480	4.40	3.10

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

DC saturation allowable current: The current value which inductance decrease within 10% from the initial value

Temperature rise allowable current: The rise in temperature of core surface is within 40°C



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