

7212N



■ 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 :

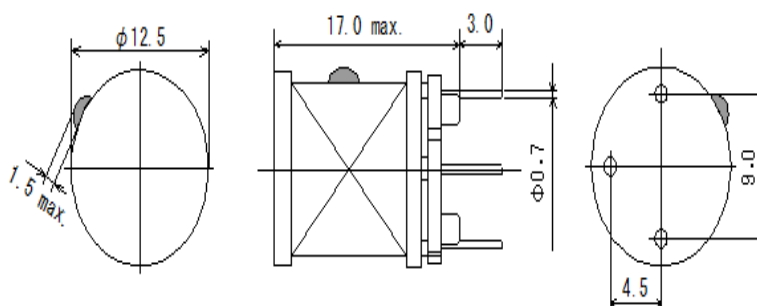


Weight : 6.4 g

■ Applications

- Computer & Peripheral Device/Printer(MFP)
- Home Electronics/Lights,LED Lights,Home Electronics
- Others/FA,Energy,Power Supply

■ Dimensions



(Unit : mm)

■ Recommended Land Pattern

(Unit : mm)



SAGAMI ELEC CO., LTD.
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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		
7212N-100L	10 $\pm$ 15%	0.0280	0.0210	8.80	3.40
7212N-120K	12 $\pm$ 10%	0.0320	0.0240	7.70	3.20
7212N-150K	15 $\pm$ 10%	0.0390	0.0280	6.80	3.00
7212N-180K	18 $\pm$ 10%	0.0430	0.0310	6.40	2.90
7212N-220K	22 $\pm$ 10%	0.0480	0.0350	5.80	2.70
7212N-270K	27 $\pm$ 10%	0.0560	0.0410	5.00	2.50
7212N-330K	33 $\pm$ 10%	0.0620	0.0460	4.60	2.40
7212N-390K	39 $\pm$ 10%	0.0670	0.0500	4.30	2.30
7212N-470K	47 $\pm$ 10%	0.0760	0.0560	3.90	2.20
7212N-560K	56 $\pm$ 10%	0.0840	0.0620	3.50	2.10
7212N-680K	68 $\pm$ 10%	0.0940	0.0690	3.10	2.00
7212N-820K	82 $\pm$ 10%	0.110	0.0800	2.80	1.90
7212N-101K	100 $\pm$ 10%	0.130	0.0900	2.60	1.80
7212N-121K	120 $\pm$ 10%	0.140	0.100	2.40	1.70
7212N-151K	150 $\pm$ 10%	0.160	0.120	2.10	1.60
7212N-181K	180 $\pm$ 10%	0.180	0.130	1.90	1.50
7212N-221K	220 $\pm$ 10%	0.210	0.150	1.70	1.40
7212N-271K	270 $\pm$ 10%	0.240	0.180	1.50	1.30
7212N-331K	330 $\pm$ 10%	0.320	0.240	1.40	1.20
7212N-391K	390 $\pm$ 10%	0.360	0.270	1.30	1.10
7212N-471K	470 $\pm$ 10%	0.400	0.300	1.20	1.00
7212N-561K	560 $\pm$ 10%	0.530	0.390	1.10	0.870
7212N-681K	680 $\pm$ 10%	0.600	0.450	1.00	0.800
7212N-821K	820 $\pm$ 10%	0.680	0.510	0.880	0.760
7212N-102K	1000 $\pm$ 10%	0.940	0.700	0.820	0.650
7212N-122K	1200 $\pm$ 10%	1.10	0.790	0.740	0.610
7212N-152K	1500 $\pm$ 10%	1.60	1.13	0.670	0.510
7212N-182K	1800 $\pm$ 10%	1.80	1.29	0.600	0.480
7212N-222K	2200 $\pm$ 10%	2.00	1.48	0.540	0.440
7212N-272K	2700 $\pm$ 10%	2.70	2.03	0.490	0.380
7212N-332K	3300 $\pm$ 10%	3.10	2.31	0.440	0.360
7212N-392K	3900 $\pm$ 10%	3.50	2.57	0.410	0.340
7212N-472K	4700 $\pm$ 10%	4.60	3.44	0.370	0.280
7212N-562K	5600 $\pm$ 10%	5.20	3.86	0.340	0.260
7212N-682K	6800 $\pm$ 10%	5.90	4.43	0.310	0.240
7212N-822K	8200 $\pm$ 10%	8.00	5.98	0.280	0.220
7212N-103K	10000 $\pm$ 10%	9.00	6.75	0.250	0.200

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 35°C



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