

7212M



■ 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 :

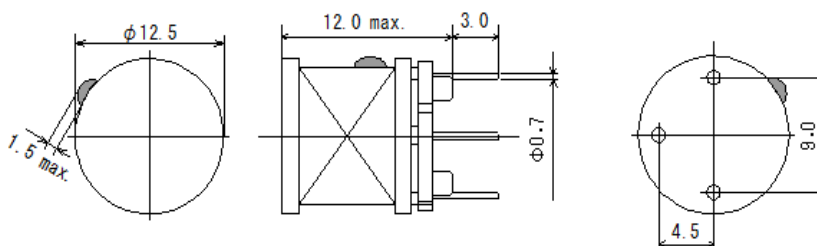


Weight : 4.2 g

■ Applications

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

■ Dimensions



(Unit : mm)



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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		
7212M-100L	10 $\pm$ 15%	0.0300	0.0230	5.00	3.30
7212M-120K	12 $\pm$ 10%	0.0320	0.0250	4.60	3.10
7212M-150K	15 $\pm$ 10%	0.0360	0.0280	4.00	3.00
7212M-180K	18 $\pm$ 10%	0.0380	0.0290	3.80	2.90
7212M-220K	22 $\pm$ 10%	0.0420	0.0320	3.40	2.70
7212M-270K	27 $\pm$ 10%	0.0480	0.0370	3.10	2.60
7212M-330K	33 $\pm$ 10%	0.0570	0.0440	2.70	2.40
7212M-390K	39 $\pm$ 10%	0.0630	0.0480	2.50	2.30
7212M-470K	47 $\pm$ 10%	0.0720	0.0550	2.20	2.10
7212M-560K	56 $\pm$ 10%	0.0780	0.0600	2.10	2.00
7212M-680K	68 $\pm$ 10%	0.0920	0.0710	1.90	1.90
7212M-820K	82 $\pm$ 10%	0.102	0.0780	1.70	1.80
7212M-101K	100 $\pm$ 10%	0.120	0.0920	1.50	1.60
7212M-121K	120 $\pm$ 10%	0.130	0.100	1.40	1.50
7212M-151K	150 $\pm$ 10%	0.160	0.123	1.20	1.40
7212M-181K	180 $\pm$ 10%	0.200	0.154	1.10	1.30
7212M-221K	220 $\pm$ 10%	0.230	0.177	1.00	1.20
7212M-271K	270 $\pm$ 10%	0.280	0.215	0.900	1.10
7212M-331K	330 $\pm$ 10%	0.360	0.277	0.820	0.950
7212M-391K	390 $\pm$ 10%	0.400	0.308	0.750	0.890
7212M-471K	470 $\pm$ 10%	0.540	0.415	0.690	0.770
7212M-561K	560 $\pm$ 10%	0.600	0.462	0.630	0.730
7212M-681K	680 $\pm$ 10%	0.690	0.531	0.560	0.680
7212M-821K	820 $\pm$ 10%	0.900	0.692	0.520	0.600
7212M-102K	1000 $\pm$ 10%	1.00	0.769	0.460	0.560
7212M-122K	1200 $\pm$ 10%	1.30	1.00	0.420	0.510
7212M-152K	1500 $\pm$ 10%	1.70	1.31	0.390	0.430
7212M-182K	1800 $\pm$ 10%	2.00	1.54	0.340	0.400
7212M-222K	2200 $\pm$ 10%	2.20	1.69	0.310	0.380
7212M-272K	2700 $\pm$ 10%	3.00	2.31	0.280	0.330
7212M-332K	3300 $\pm$ 10%	3.30	2.54	0.260	0.310
7212M-392K	3900 $\pm$ 10%	4.70	3.62	0.240	0.260
7212M-472K	4700 $\pm$ 10%	5.30	4.08	0.210	0.240
7212M-562K	5600 $\pm$ 10%	5.70	4.39	0.200	0.230
7212M-682K	6800 $\pm$ 10%	7.80	6.00	0.180	0.200
7212M-822K	8200 $\pm$ 10%	9.10	7.00	0.160	0.190
7212M-103K	10000 $\pm$ 10%	10.00	9.15	0.150	0.160

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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