

RTP8010



■ Features

- Magnetically shielded type inductor
- Usable as power supply choke coil

Magnetic structure :

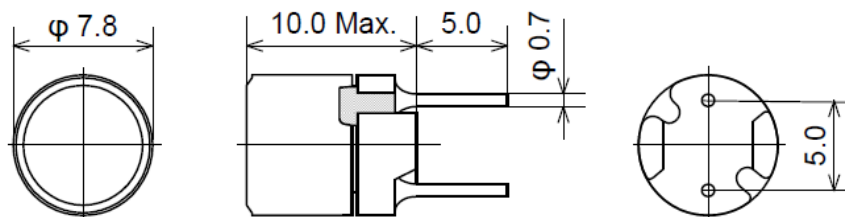


Weight : 1.8 g

■ Applications

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

■ 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		
RTP8010-4R3N	4.3 $\pm$ 30%	0.0220	0.0160	5.70	3.10
RTP8010-5R1N	5.1 $\pm$ 30%	0.0240	0.0180	5.20	3.00
RTP8010-6R2N	6.2 $\pm$ 30%	0.0290	0.0220	4.80	2.80
RTP8010-8R2N	8.2 $\pm$ 30%	0.0330	0.0250	4.10	2.70
RTP8010-100M	10 $\pm$ 20%	0.0360	0.0270	3.80	2.60
RTP8010-120M	12 $\pm$ 20%	0.0490	0.0370	3.30	2.20
RTP8010-150M	15 $\pm$ 20%	0.0550	0.0420	3.00	2.10
RTP8010-180M	18 $\pm$ 20%	0.0600	0.0440	2.80	2.00
RTP8010-220M	22 $\pm$ 20%	0.0690	0.0520	2.60	1.90
RTP8010-270M	27 $\pm$ 20%	0.0840	0.0650	2.30	1.70
RTP8010-330M	33 $\pm$ 20%	0.110	0.0860	2.10	1.50
RTP8010-390M	39 $\pm$ 20%	0.130	0.0960	1.90	1.40
RTP8010-470M	47 $\pm$ 20%	0.140	0.107	1.80	1.30
RTP8010-560M	56 $\pm$ 20%	0.170	0.131	1.60	1.20
RTP8010-680M	68 $\pm$ 20%	0.210	0.163	1.50	1.10
RTP8010-820M	82 $\pm$ 20%	0.270	0.207	1.30	0.930
RTP8010-101M	100 $\pm$ 20%	0.350	0.264	1.20	0.820
RTP8010-121M	120 $\pm$ 20%	0.470	0.362	1.10	0.700
RTP8010-151M	150 $\pm$ 20%	0.570	0.453	0.990	0.670
RTP8010-181M	180 $\pm$ 20%	0.640	0.521	0.890	0.620
RTP8010-221M	220 $\pm$ 20%	0.730	0.561	0.820	0.570
RTP8010-271M	270 $\pm$ 20%	0.830	0.660	0.730	0.530
RTP8010-331M	330 $\pm$ 20%	0.940	0.748	0.680	0.500
RTP8010-391M	390 $\pm$ 20%	1.20	0.982	0.610	0.440
RTP8010-471M	470 $\pm$ 20%	1.50	1.20	0.560	0.390
RTP8010-561M	560 $\pm$ 20%	2.00	1.52	0.500	0.340
RTP8010-681M	680 $\pm$ 20%	2.30	1.76	0.470	0.310
RTP8010-821M	820 $\pm$ 20%	2.60	1.92	0.410	0.290
RTP8010-102M	1000 $\pm$ 20%	2.90	2.23	0.380	0.280

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 30% from the initial value

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



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