

Pin type Power Inductor

RCP1317



Electrical Characteristics

Part No.	Inductance [Within] (μ H)※1	D.C.R(Ω) Max.(Typ.) at 20°C	Saturation Current(A)※2 Max.(Typ.)	Temperature rise current (A) (Typ.) ※3
RCP1317NP-330M	33 $\pm$ 20%	58m (46m)	4.80 (5.70)	(4.00)
RCP1317NP-470M	47 $\pm$ 20%	69m (55m)	4.30 (5.10)	(3.70)
RCP1317NP-680M	68 $\pm$ 20%	101m (81m)	3.30 (4.20)	(3.00)
RCP1317NP-820M	82 $\pm$ 20%	110m (88m)	3.10 (3.80)	(2.80)
RCP1317NP-101M	100 $\pm$ 20%	125m (100m)	2.80 (3.45)	(2.70)
RCP1317NP-121L	120 $\pm$ 15%	139m (116m)	2.60 (3.20)	(2.50)
RCP1317NP-151L	150 $\pm$ 15%	195m (156m)	2.40 (2.80)	(2.20)
RCP1317NP-181L	180 $\pm$ 15%	213m (171m)	2.20 (2.60)	(2.10)
RCP1317NP-221L	220 $\pm$ 15%	278m (223m)	1.90 (2.30)	(1.80)
RCP1317NP-271L	270 $\pm$ 15%	330m (260m)	1.70 (2.10)	(1.70)
RCP1317NP-331L	330 $\pm$ 15%	360m (290m)	1.60 (1.90)	(1.60)
RCP1317NP-391L	390 $\pm$ 15%	440m (350m)	1.45 (1.70)	(1.50)
RCP1317NP-471L	470 $\pm$ 15%	530m (420m)	1.35 (1.50)	(1.30)
RCP1317NP-561L	560 $\pm$ 15%	590m (470m)	1.25 (1.40)	(1.25)
RCP1317NP-681L	680 $\pm$ 15%	780m (620m)	1.12 (1.30)	(1.10)
RCP1317NP-821L	820 $\pm$ 15%	950m(760m)	1.02 (1.20)	(1.00)
RCP1317NP-102L	1000 $\pm$ 15%	1.18 (940m)	900m (1.05)	(940m)
RCP1317NP-122L	1200 $\pm$ 15%	1.28 (1.07)	800m (950m)	(840m)
RCP1317NP-152L	1500 $\pm$ 15%	1.40 (1.16)	720m (850m)	(810m)
RCP1317NP-182L	1800 $\pm$ 15%	2.00 (1.70)	680m (800m)	(660m)
RCP1317NP-222L	2200 $\pm$ 15%	2.28 (1.90)	620m (730m)	(620m)
RCP1317NP-272L	2700 $\pm$ 15%	3.07 (2.56)	580m (660m)	(550m)
RCP1317NP-332L	3300 $\pm$ 15%	3.31 (2.74)	510m(600m)	(520m)
RCP1317NP-392L	3900 $\pm$ 15%	4.52 (3.77)	470m (550m)	(470m)
RCP1317NP-472L	4700 $\pm$ 15%	5.02 (4.18)	430m (500m)	(430m)

※1 Measuring frequency Inductance at 1kHz

※2 Saturation current: This indicates the value of D.C. current when the inductance becomes 35% lower than its initial value.

※3 Temperature rise current: The actual current when temperature of coil becomes $\Delta T=40^{\circ}\text{C}$ ($T_a=20^{\circ}\text{C}$)

Note: This specification is subject to change without notice. Please contact your nearest sales office for updated information when placing an order.

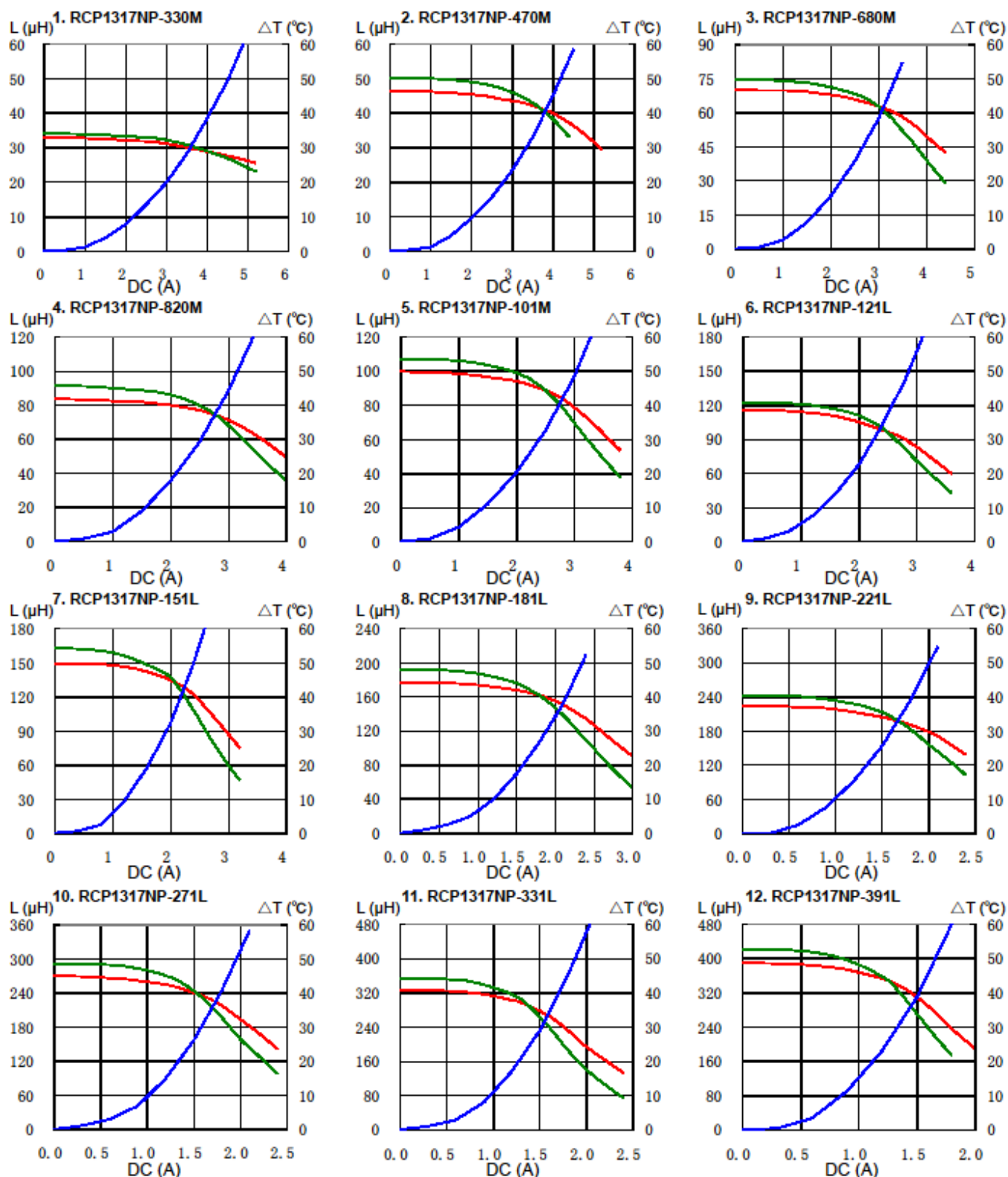
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Saturation Current & Temperature Rise Graph

— L (20°C) — L (100°C) — ΔT

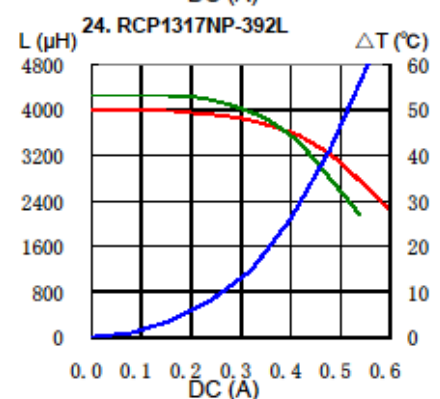
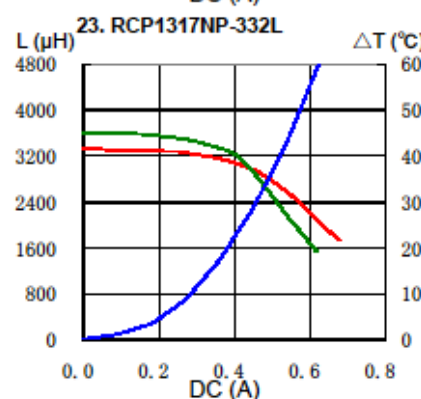
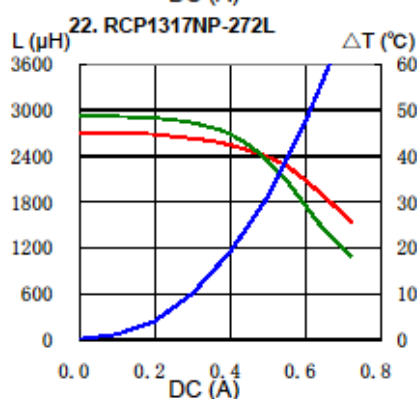
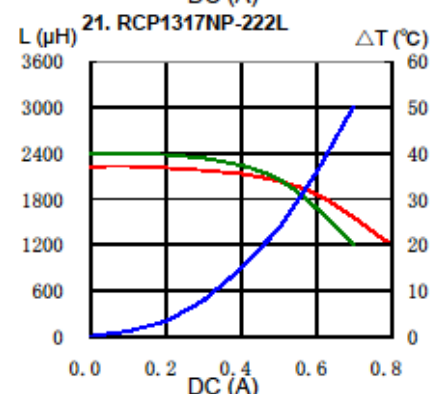
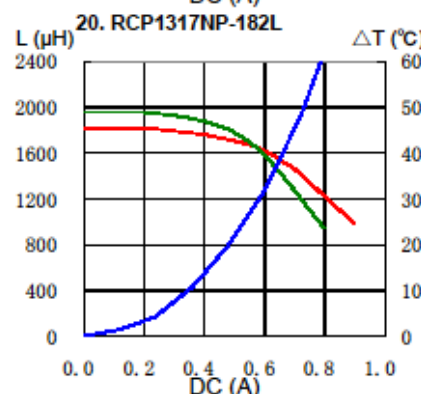
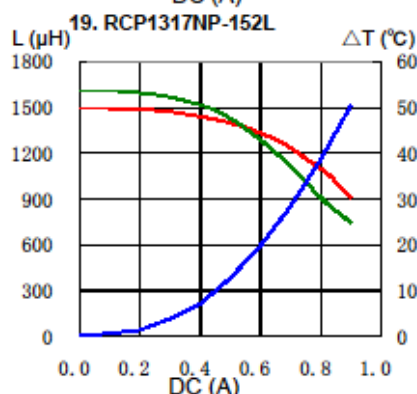
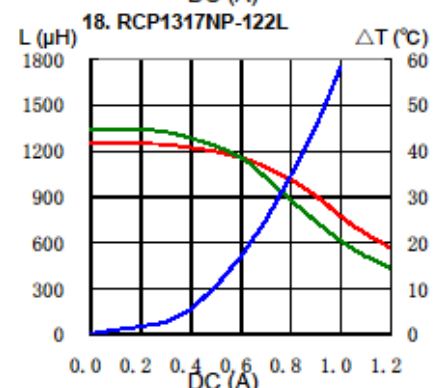
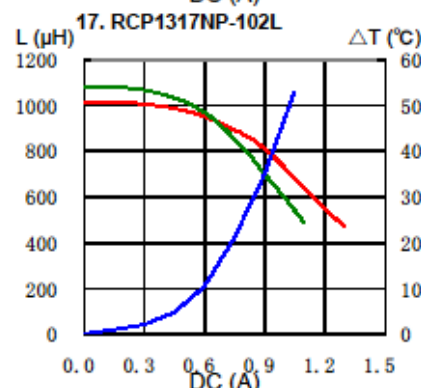
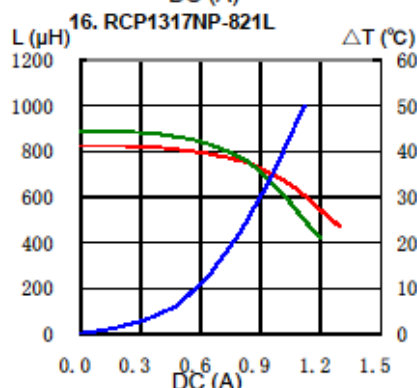
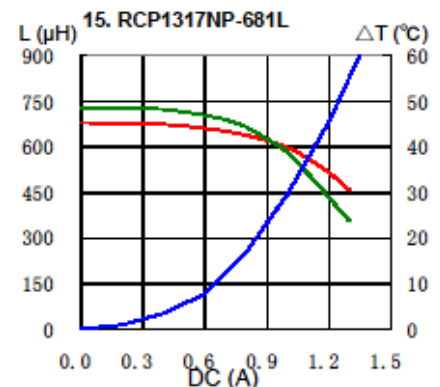
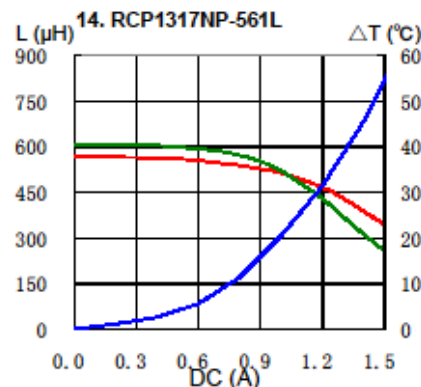
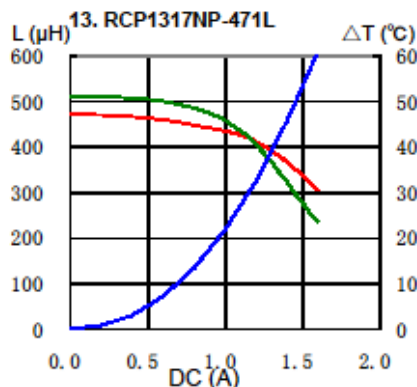


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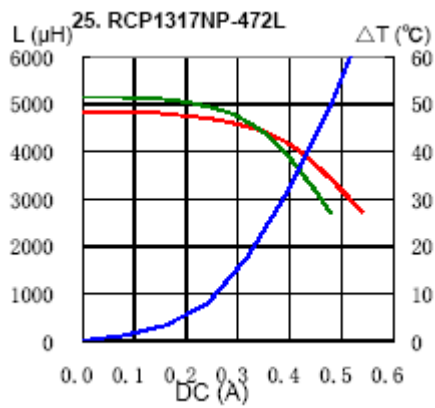




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