Electrical Characteristics

Part No.	Stamp	Inductance (μH) [within] ※1	D.C.R.(Ω) Max. (Typ.) (at 20℃)	Rated Current (A) ※2
CDRH4D18NP-1R0NC	1R0	1.0±30%	45m(35m)	1.72
CDRH4D18NP-2R2NC	2R2	2.2±30%	75m(58m)	1.32
CDRH4D18NP-2R7NC	2R7	2.7±30%	105m(80m)	1.28
CDRH4D18NP-3R3NC	3R3	3.3±30%	110m(85m)	1.04
CDRH4D18NP-3R9NC	3R9	3.9±30%	155m(120m)	0.88
CDRH4D18NP-4R7NC	4R7	4.7±30%	162m(125m)	0.84
CDRH4D18NP-5R6NC	5R6	5.6±30%	170m(130m)	0.80
CDRH4D18NP-6R8NC	6R8	6.8±30%	200m(155m)	0.76
CDRH4D18NP-8R2NC	8R2	8.2±30%	245m (190m)	0.68
CDRH4D18NP-100NC	100	10±30%	200m (148m)	0.61
CDRH4D18NP-120NC	120	12±30%	210m (156m)	0.56
CDRH4D18NP-150NC	150	15±30%	240m (178m)	0.50
CDRH4D18NP-180NC	180	18±30%	338m (250m)	0.48
CDRH4D18NP-220NC	220	22±30%	397m (294m)	0.41
CDRH4D18NP-270NC	270	27±30%	441m (327m)	0.35
CDRH4D18NP-330NC	330	33±30%	694m (514m)	0.32
CDRH4D18NP-390NC	390	39±30%	709m (525m)	0.30
CDRH4D18NP-470NC	470	47±30%	922m (683m)	0.28
CDRH4D18NP-560NC	560	56±30%	1.08 (800m)	0.26
CDRH4D18NP-680NC	680	68±30%	1.30 (1.00)	0.24
CDRH4D18NP-820NC	820	82±30%	1.56 (1.20)	0.22
CDRH4D18NP-101NC	101	100±30%	1.73 (1.33)	0.20
CDRH4D18NP-121NC	121	120±30%	2.39 (1.84)	0.18
CDRH4D18NP-151NC	151	150±30%	2.67 (2.05)	0.15
CDRH4D18NP-181NC	181	180±30%	4.00 (3.05)	0.14

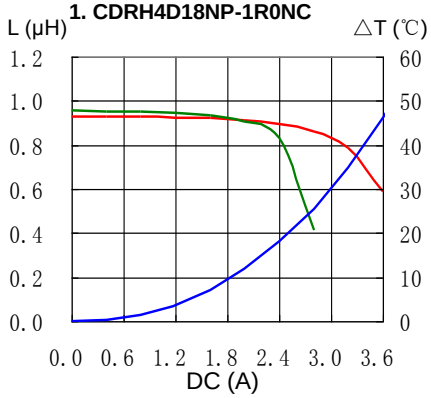
※1. Inductance measuring condition: 1.0μH ～ 8.2μH at 7.96 MHz
10μH ～ 180μH at 100 kHz

※2. Rated current: The DC current at which the inductance decreases to 65% of its nominal value or when △t=40℃, whichever is lower (Ta=20℃).

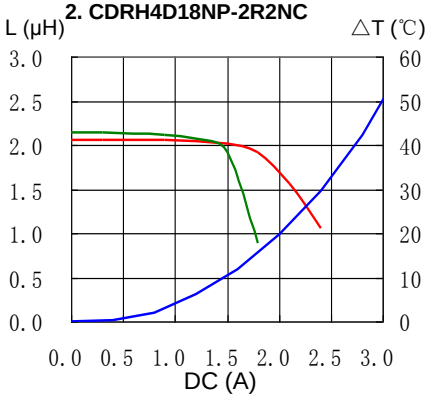
Saturation Current & Temperature Rise Graph

L (20℃) L (100℃) △T

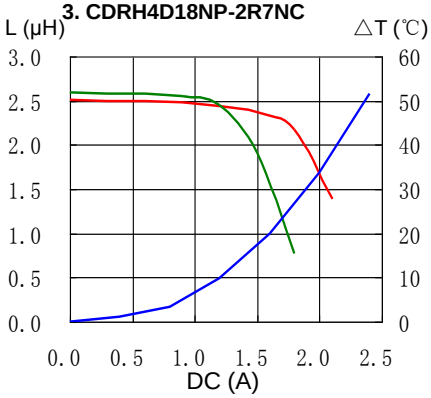
1. CDRH4D18NP-1R0NC



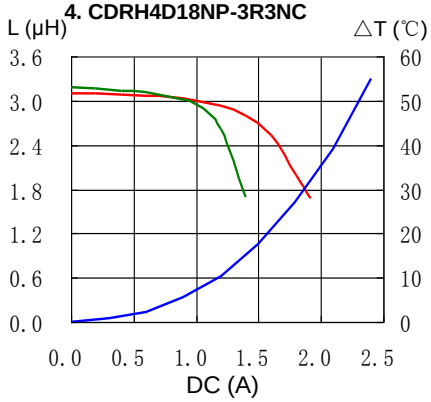
2. CDRH4D18NP-2R2NC



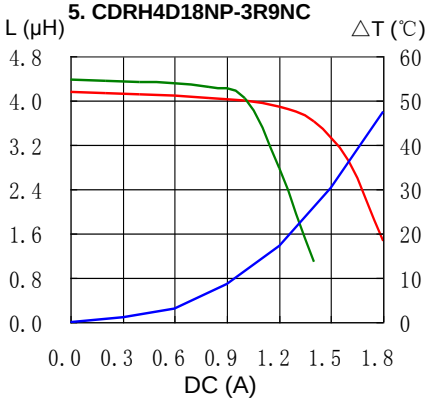
3. CDRH4D18NP-2R7NC



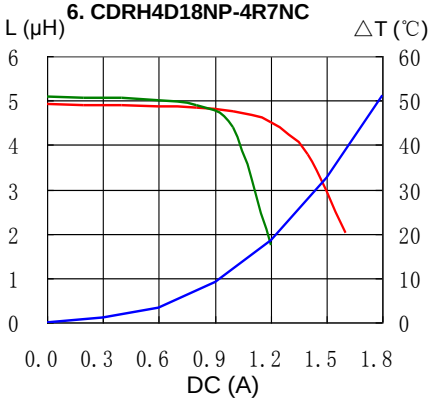
4. CDRH4D18NP-3R3NC



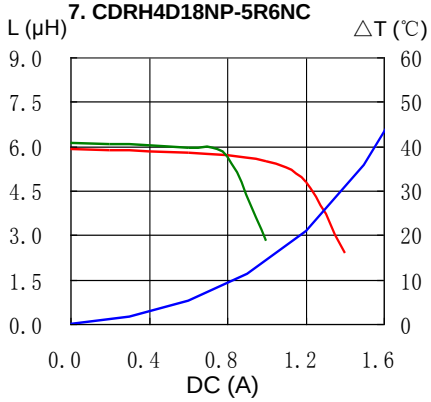
5. CDRH4D18NP-3R9NC



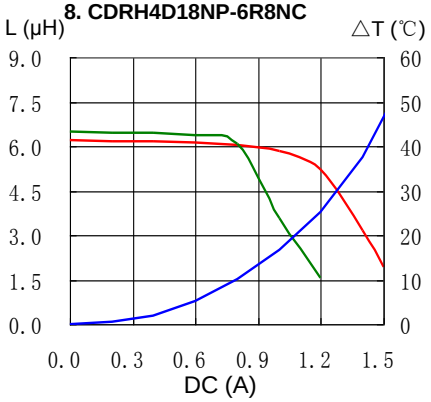
6. CDRH4D18NP-4R7NC



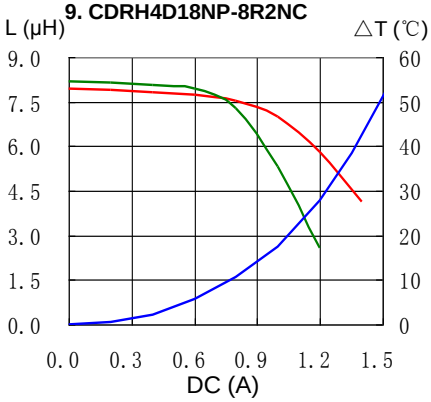
7. CDRH4D18NP-5R6NC



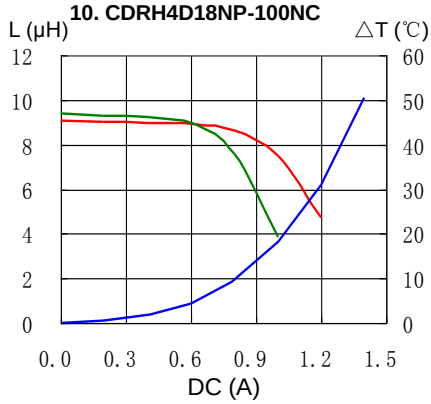
8. CDRH4D18NP-6R8NC



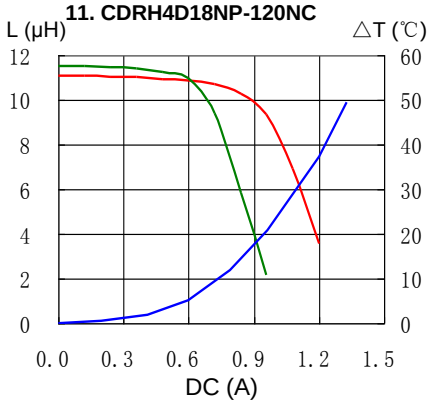
9. CDRH4D18NP-8R2NC



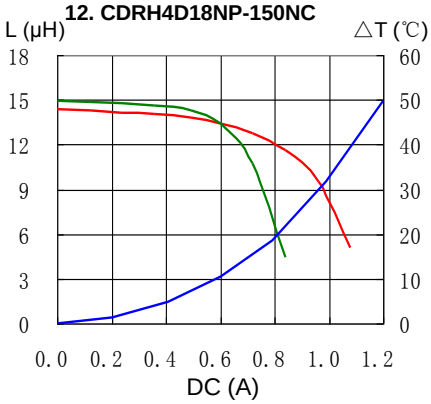
10. CDRH4D18NP-100NC



11. CDRH4D18NP-120NC



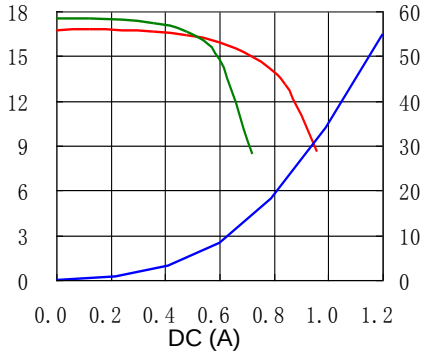
12. CDRH4D18NP-150NC



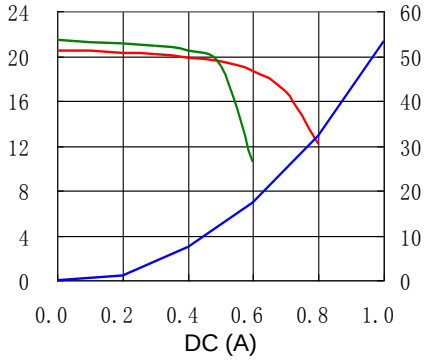
Saturation Current & Temperature Rise Graph

L (20℃) L (100℃) △T

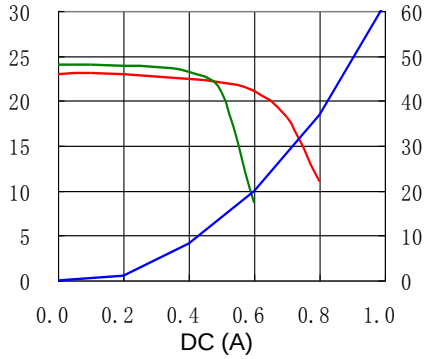
13. CDRH4D18NP-180NC



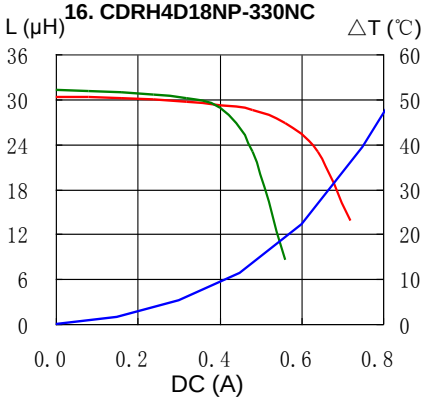
14. CDRH4D18NP-220NC



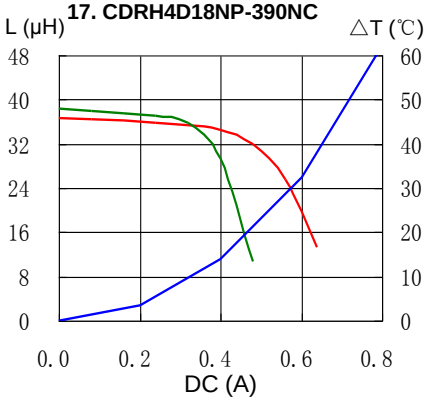
15. CDRH4D18NP-270NC



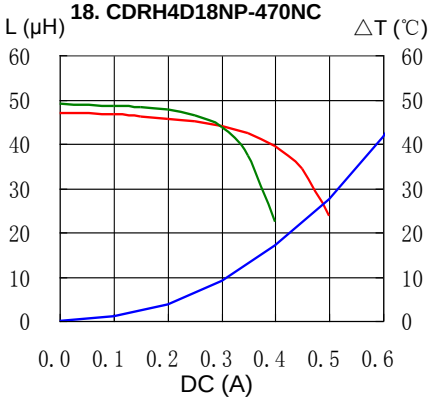
16. CDRH4D18NP-330NC



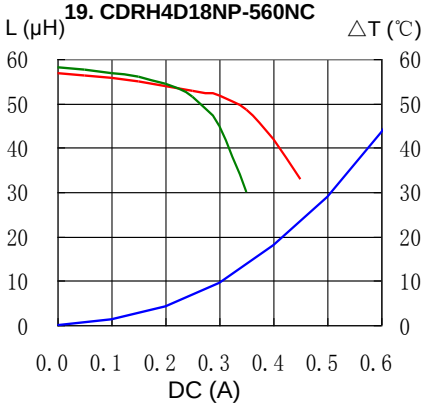
17. CDRH4D18NP-390NC



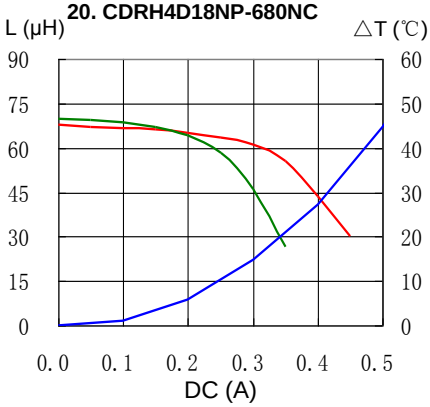
18. CDRH4D18NP-470NC



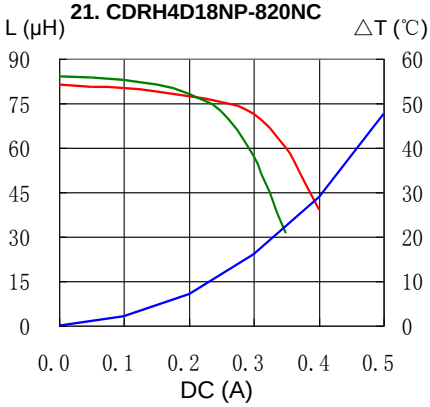
19. CDRH4D18NP-560NC



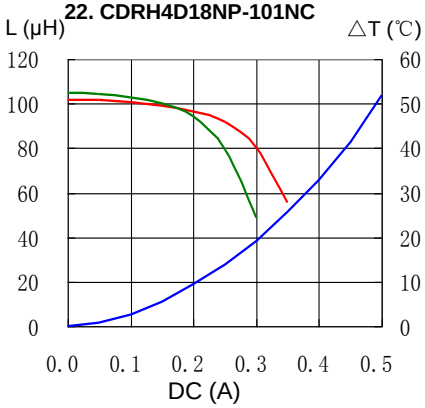
20. CDRH4D18NP-680NC



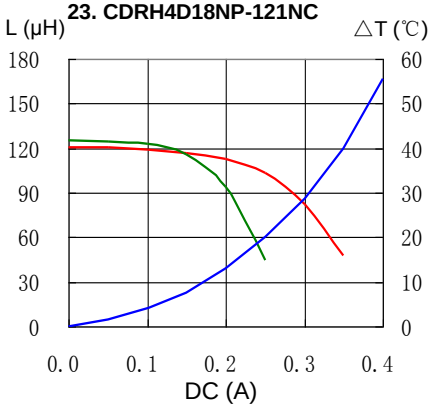
21. CDRH4D18NP-820NC



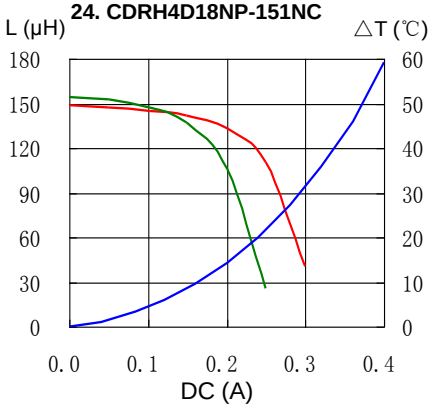
22. CDRH4D18NP-101NC



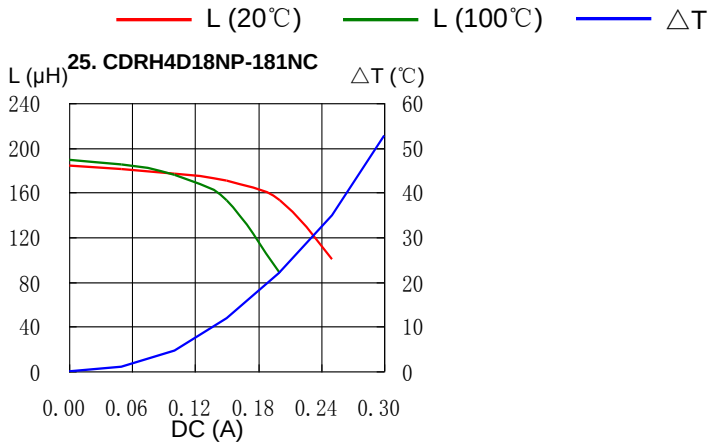
23. CDRH4D18NP-121NC



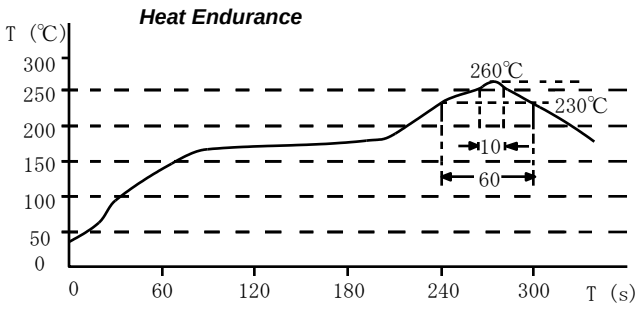
24. CDRH4D18NP-151NC

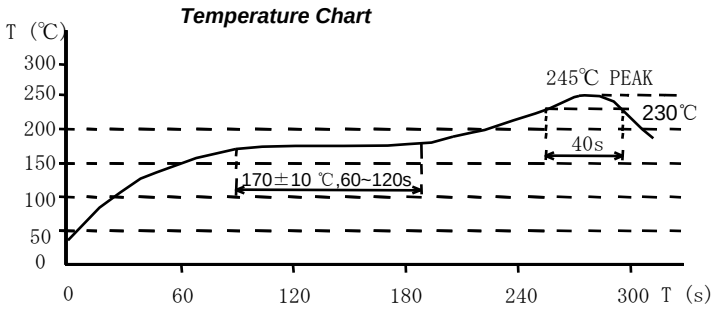


Saturation Current & Temperature Rise Graph



Solder Reflow Condition





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Hong Kong
Tel.+852-2880-6781
FAX.+852-2565-9600
sales@hk.sumida.com

Shanghai
Tel.+86-21-5836-3299
FAX.+86-21-5836-3266
shanghai.sales@cn.sumida.com

Shenzhen
Tel.+86-755-8291-0228
FAX.+86-755-8291-0338
shenzhen.sales@cn.sumida.com

Taipei
Tel.+886-2-8751-2737
FAX.+886-2-8751-2738
sales@tw.sumida.com

Saitama(Japan)
Tel.+81-48-691-7300
FAX.+81-48-691-7340
sales@jp.sumida.com

Seoul
Tel.+82-2-6237-0777
FAX.+82-2-6237-0778
sales@kr.sumida.com

Singapore
Tel.+65-6296-3388
FAX.+65-6841-4426
sales@sg.sumida.com

San Jose
Tel.+1-408-321-9660
FAX.+1-408-321-9308
sales@us.sumida.com

Chicago
Tel.+1-847-545-6700
FAX. +1-847-545-6720
sales@us.sumida.com

Obernzell
Tel.+49-8591-937-0
FAX. +49-8591-937-103
contact@eu.sumida.com

Neumarkt
Tel.+49-9181-4509-110
FAX. +49-9181-4509-310
infocomp@eu.sumida.com