

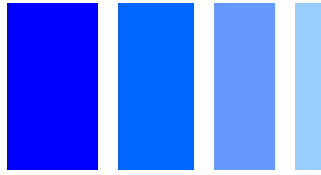
### Electrical Characteristics

Part Name	Stamp	Inductance ( $\mu\text{H}$ ) [ within ] ※1	D.C.R. ( $\text{m}\Omega$ ) Max. (Typ.) (at 20°C)	Rated Current (A) ※2
CDRH3D16NP-R26NC	R	$0.26 \pm 35\%$	27.5(21)	3.60
CDRH3D16NP-R47NC	S	$0.47 \pm 35\%$	35( 27)	2.75
CDRH3D16NP-0R7NC	T	$0.7 \pm 35\%$	43( 33)	2.25
CDRH3D16NP-1R1NC	U	$1.1 \pm 35\%$	50( 38)	1.90
CDRH3D16NP-1R5NC	A	$1.5 \pm 30\%$	52( 40)	1.55
CDRH3D16NP-2R2NC	C	$2.2 \pm 30\%$	72( 55)	1.20
CDRH3D16NP-3R3NC	E	$3.3 \pm 30\%$	85( 65)	1.10
CDRH3D16NP-4R7NC	G	$4.7 \pm 30\%$	105( 80)	0.90
CDRH3D16NP-6R8NC	I	$6.8 \pm 30\%$	170(130)	0.73
CDRH3D16NP-100NC	K	$10 \pm 30\%$	210(160)	0.55
CDRH3D16NP-150NC	M	$15 \pm 30\%$	295(225)	0.45
CDRH3D16NP-220NC	O	$22 \pm 30\%$	430(330)	0.40
CDRH3D16NP-330NC	Q	$33 \pm 30\%$	675(520)	0.32

※1. Inductance measuring condition: at 100kHz.

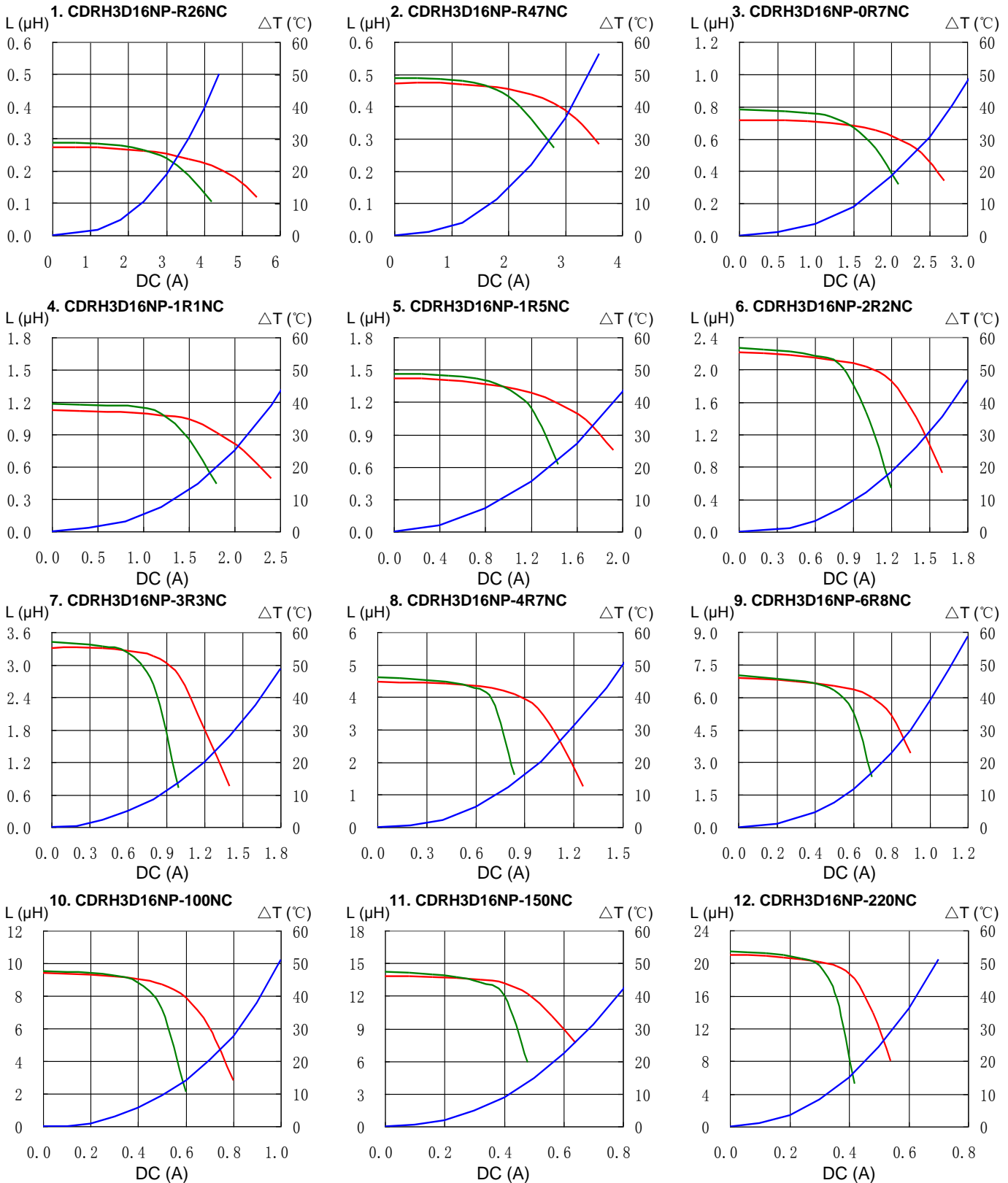
※2. Rated current: The DC current at which the inductance decreases to 65% of its nominal value or when  $\Delta t=30^\circ\text{C}$ , whichever is lower ( $T_a=20^\circ\text{C}$ ).

# SMD Power Inductor CDRH3D16

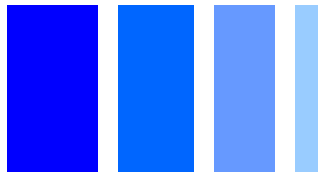


## Saturation Current & Temperature Rise Graph

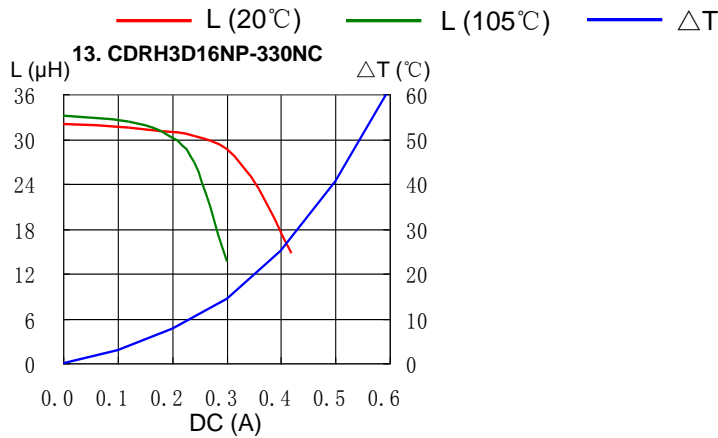
— L (20°C) — L (105°C) —  $\Delta T$



# SMD Power Inductor CDRH3D16

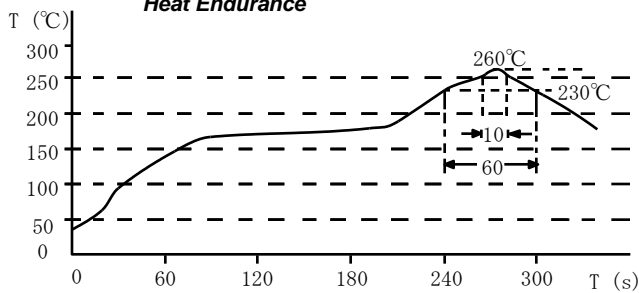


## Saturation Current & Temperature Rise Graph

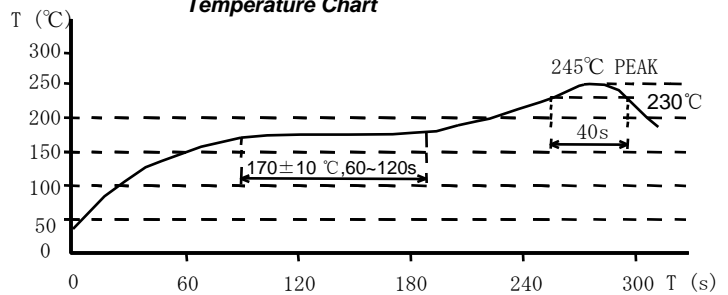


## Solder Reflow Condition

Heat Endurance



Temperature Chart



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### Hong Kong

Tel.+852-2880-6781  
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[sales@hk.sumida.com](mailto:sales@hk.sumida.com)

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Tel.+49-8591-937-0  
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[contact@eu.sumida.com](mailto:contact@eu.sumida.com)

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Tel.+86-755-8291-0228  
FAX.+86-755-8291-0338  
[shenzhen.sales@cn.sumida.com](mailto:shenzhen.sales@cn.sumida.com)

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[sales@sg.sumida.com](mailto:sales@sg.sumida.com)

### Neumarkt

Tel.+49-9181-4509-110  
FAX. +49-9181-4509-310  
[infocomp@eu.sumida.com](mailto:infocomp@eu.sumida.com)

### Taipei

Tel.+886-2-8751-2737  
FAX.+886-2-8751-2738  
[sales@tw.sumida.com](mailto:sales@tw.sumida.com)

### San Jose

Tel.+1-408-321-9660  
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