

SMD Inductors(Coils) For Power Line(Wound)

Conformity to RoHS Directive

NLC Series NLC565050

FEATURES

- The NLC series feature low DC resistance and high current handling capacities, making them ideal for power supply line applications.
- The product has good heat durability that withstands lead-free compatible reflow soldering conditions.
- Lead-free material is used for the plating on the terminal.
- The product uses metal terminals, which realize excellent connection reliability.
- From 1μH to 1000μH, all of the products in the E-12 series are K(±10%) tolerance products.
- It is a product conforming to RoHS directive.

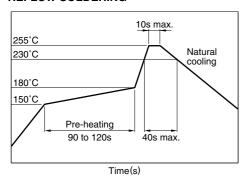
APPLICATIONS

- Electronic equipment used in communication infrastructures including xDSL and mobile base stations.
- · Audio-visual equipment including TVs and VCRs.
- Other electronic equipment including HDDs and ODDs.

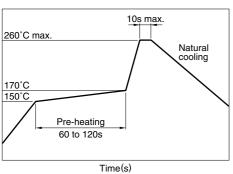
SPECIFICATIONS

Operating temperature range	-40 to +105°C		
Operating temperature range	[Including self-temperature rise]		
Storage temperature range	-40 to +105°C		

RECOMMENDED SOLDERING CONDITIONS REFLOW SOLDERING



FLOW SOLDERING



IRON SOLDERING

Tip temperature	300 to 350°C
Heating time	3 seconds/soldering
Soldering rod specifications	Output: 30W Tip diameter: 1mm

- Based on the above conditions, use a maximum product temperature of 260°C and a maximum accumulated heating time of 10 seconds as a guideline.
- · Please contact us for details.

PRODUCT IDENTIFICATION

NLC	565050	T-	2R2	K	- PF
(1)	(2)	(3)	(4)	(5)	(6)

- (1) Series name
- (2) Dimensions

565050	$5.6 \times 5.0 \times 5.0 \text{mm} (L \times W \times T)$

(3) Packaging style

,	•	-	•		
-	Τ			Taping(reel)	

(4) Inductance value

1R0	1μΗ	
100	10µH	
101	100μH	
102	1000uH	

(5) Inductance tolerance

,		
K	+10%	

(6) Lead-free compatible product

PF	Lead-free compatible product
1 1	Leau-iree companible product

PACKAGING STYLE AND QUANTITIES

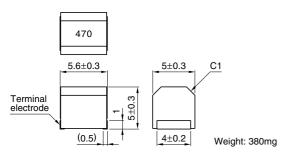
Packaging style	Quantity
Taping	400 pieces/reel

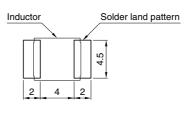
[•] Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.

[•] All specifications are subject to change without notice.



SHAPES AND DIMENSIONS/RECOMMENDED PC BOARD PATTERN







Dimensions in mm

ELECTRICAL CHARACTERISTICS

Inductance Inductance Q	ELECTRICA	ELECTRICAL CHARACTERISTICS						
±10% 10 7.96 95 0.03 1800 NLC565050T1RRX-PF 1.2 ±10% 10 7.96 70 0.035 1700 NLC565050T1RSK-PF 1.5 ±10% 10 7.96 55 0.04 1600 NLC565050T1RSK-PF 1.8 ±10% 10 7.96 47 0.05 1400 NLC565050T2RZK-PF 2.2 ±10% 10 7.96 42 0.06 1300 NLC565050T2RZK-PF 2.7 ±10% 10 7.96 37 0.07 1200 NLC565050T2RZK-PF 3.3 ±10% 10 7.96 34 0.08 1120 NLC565050T3RSK-PF 3.9 ±10% 10 7.96 29 0.11 950 NLC565050T3RSK-PF 4.7 ±10% 10 7.96 29 0.11 950 NLC565050T5RSK-PF 6.8 ±10% 10 7.96 22 0.18 750 NLC565050T5RSK-PF 8.2								Part No.
1.2 ±10% 10 7.96 70 0.035 1700 NLC565050T-1R2K-PF 1.5 ±10% 10 7.96 55 0.04 1600 NLC565050T-1R3K-PF 1.8 ±10% 10 7.96 47 0.05 1400 NLC565050T-1R3K-PF 2.7 ±10% 10 7.96 42 0.06 1300 NLC565050T-2R7K-PF 2.7 ±10% 10 7.96 37 0.07 1200 NLC565050T-2R7K-PF 3.3 ±10% 10 7.96 32 0.09 1050 NLC565050T-3R3K-PF 3.9 ±10% 10 7.96 32 0.09 1050 NLC565050T-3R3K-PF 4.7 ±10% 10 7.96 26 0.13 880 NLC565050T-4R7K-PF 5.6 ±10% 10 7.96 24 0.15 810 NLC565050T-4SRK-PF 6.8 ±10% 10 7.96 24 0.15 810 NLC565050T-5DK-PF <t< td=""><td>_</td><td></td><td></td><td>, , ,</td><td>1 7 7</td><td>\ /</td><td>, ,</td><td>NI C565050T-1P0K-PE</td></t<>	_ 			, , ,	1 7 7	\ /	, ,	NI C565050T-1P0K-PE
1.5 ±10% 10 7.96 55 0.04 1600 NLCS6S0S0T1RSK-PF 1.8 ±10% 10 7.96 47 0.05 1400 NLCS6S0S0T1PSK-PF 2.2 ±10% 10 7.96 42 0.06 1300 NLCS6S0S0T1PSK-PF 2.7 ±10% 10 7.96 37 0.07 1200 NLCS6S0S0T2RJK-PF 3.3 ±10% 10 7.96 34 0.08 1120 NLCS6S0S0T3RJK-PF 4.7 ±10% 10 7.96 32 0.09 1050 NLCS6S0S0T3RJK-PF 4.7 ±10% 10 7.96 29 0.11 950 NLCS6S0S0T-RK-PF 5.6 ±10% 10 7.96 26 0.13 880 NLCS6S0S0T-RK-PF 6.8 ±10% 10 7.96 22 0.18 750 NLCS6S0S0T-RK-PF 8.2 ±10% 10 7.96 22 0.18 750 NLCS6S0SOT-RCP 10								
1.8 ±10% 10 7.96 47 0.05 1400 NLC565090T-R8K-PF 2.2 ±10% 10 7.96 42 0.06 1300 NLC565090T-RRK-PF 2.7 ±10% 10 7.96 34 0.08 1120 NLC565090T-3RSK-PF 3.9 ±10% 10 7.96 32 0.09 1050 NLC565090T-3RSK-PF 3.9 ±10% 10 7.96 32 0.09 1050 NLC565090T-3RSK-PF 4.7 ±10% 10 7.96 29 0.11 950 NLC565090T-5R6K-PF 5.6 ±10% 10 7.96 26 0.13 880 NLC565090T-5R6K-PF 6.8 ±10% 10 7.96 22 0.18 750 NLC565090T-5R6K-PF 8.2 ±10% 10 7.96 22 0.18 750 NLC565090T-20K-PF 8.2 ±10% 10 2.52 19 0.21 690 NLC565090T-20K-PF								
2.2 ±10% 10 7.96 42 0.06 1300 NLC565050T-2R2K-PF 2.7 ±10% 10 7.96 37 0.07 1200 NLC565050T-2R7K-PF 3.3 ±10% 10 7.96 34 0.08 1120 NLC565050T-3R9K-PF 3.9 ±10% 10 7.96 32 0.09 1050 NLC565050T-3R9K-PF 4.7 ±10% 10 7.96 29 0.11 950 NLC565050T-6R9K-PF 5.6 ±10% 10 7.96 26 0.13 880 NLC565050T-6R9K-PF 6.8 ±10% 10 7.96 24 0.15 810 NLC565050T-6R9K-PF 8.2 ±10% 10 7.96 22 0.18 750 NLC565050T-0RPK-PF 8.2 ±10% 10 2.52 19 0.21 690 NLC565050T-100K-PF 10 ±10% 10 2.52 17 0.25 630 NLC565050T-120K-PF								
2.7 ±10% 10 7.96 37 0.07 1200 NLC565050T-2R7K-PF 3.3 ±10% 10 7.96 34 0.08 1120 NLC565050T-3R3K-PF 3.9 ±10% 10 7.96 32 0.09 1050 NLC565050T-3R3K-PF 4.7 ±10% 10 7.96 29 0.11 950 NLC565050T-8R6K-PF 5.6 ±10% 10 7.96 26 0.13 880 NLC565050T-8R6K-PF 6.8 ±10% 10 7.96 22 0.18 750 NLC565050T-8R6K-PF 8.2 ±10% 10 7.96 22 0.18 750 NLC565050T-100K-PF 8.2 ±10% 10 2.52 19 0.21 690 NLC565050T-100K-PF 10 ±10% 10 2.52 19 0.21 690 NLC565050T-130K-PF 12 ±10% 10 2.52 14 0.36 530 NLC565050T-180K-PF								
3.3 ±10% 10 7.96 34 0.08 1120 NLC565050T-3R3K-PF 3.9 ±10% 10 7.96 32 0.09 1050 NLC56505T-3R3K-PF 4.7 ±10% 10 7.96 29 0.11 950 NLC56505T-4R7K-PF 5.6 ±10% 10 7.96 26 0.13 880 NLC56505T-5R6K-PF 6.8 ±10% 10 7.96 22 0.18 750 NLC56505T-6R6K-PF 6.8 ±10% 10 2.52 19 0.21 690 NLC56505T-10K-PF 10 ±10% 10 2.52 17 0.25 630 NLC56505T-10K-PF 12 ±10% 10 2.52 17 0.25 630 NLC56505T-10K-PF 15 ±10% 10 2.52 14 0.36 530 NLC56505T-10K-PF 16 ±10% 10 2.52 14 0.36 530 NLC56505T-20K-PF 27								
3.9 ±10% 10 7.96 32 0.09 1050 NLC565050T-3R9K-PF 4.7 ±10% 10 7.96 29 0.11 950 NLC565050T-4RPK-PF 5.6 ±10% 10 7.96 26 0.13 880 NLC565050T-6RK-PF 6.8 ±10% 10 7.96 24 0.15 810 NLC565050T-6R8K-PF 8.2 ±10% 10 7.96 22 0.18 750 NLC565050T-8R2K-PF 10 ±10% 10 2.52 19 0.21 690 NLC565050T-10K-PF 12 ±10% 10 2.52 17 0.25 630 NLC565050T-120K-PF 15 ±10% 10 2.52 16 0.3 580 NLC565050T-130K-PF 15 ±10% 10 2.52 14 0.36 530 NLC565050T-130K-PF 18 ±10% 10 2.52 13 0.43 480 NLC565050T-130K-PF								
4.7 ±10% 10 7.96 29 0.11 950 NLC565050T-4R7K-PF 5.6 ±10% 10 7.96 26 0.13 880 NLC565050T-5R6K-PF 8.8 ±10% 10 7.96 22 0.18 750 NLC565050T-6R8K-PF 8.2 ±10% 10 7.96 22 0.18 750 NLC565050T-100K-PF 10 ±10% 10 2.52 19 0.21 690 NLC565050T-120K-PF 12 ±10% 10 2.52 16 0.3 580 NLC565050T-120K-PF 15 ±10% 10 2.52 16 0.3 580 NLC565050T-120K-PF 18 ±10% 10 2.52 14 0.36 530 NLC565050T-180K-PF 18 ±10% 10 2.52 14 0.36 530 NLC565050T-180K-PF 22 ±10% 10 2.52 13 0.43 480 NLC565050T-180K-PF 2								
5.6 ±10% 10 7.96 26 0.13 880 NLCS65050T-5R6K-PF 6.8 ±10% 10 7.96 24 0.15 810 NLCS65050T-6R6K-PF 8.2 ±10% 10 7.96 22 0.18 750 NLC565050T-8R2K-PF 10 ±10% 10 2.52 19 0.21 690 NLC565050T-100K-PF 12 ±10% 10 2.52 17 0.25 630 NLC565050T-120K-PF 15 ±10% 10 2.52 16 0.3 580 NLC565050T-120K-PF 18 ±10% 10 2.52 14 0.36 530 NLC565050T-120K-PF 18 ±10% 10 2.52 13 0.43 480 NLC565050T-120K-PF 22 ±10% 10 2.52 13 0.43 480 NLC565050T-220K-PF 27 ±10% 10 2.52 10.5 0.62 400 NLC565050T-220K-PF <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>								
6.8 ±10% 10 7.96 24 0.15 810 NLC565050T-6R8K-PF 8.2 ±10% 10 7.96 22 0.18 750 NLC565050T-8R2K-PF 10 ±10% 10 2.52 19 0.21 690 NLC565050T-100K-PF 12 ±10% 10 2.52 17 0.25 630 NLC565050T-120K-PF 15 ±10% 10 2.52 16 0.3 580 NLC565050T-120K-PF 18 ±10% 10 2.52 14 0.36 530 NLC565050T-120K-PF 18 ±10% 10 2.52 13 0.43 480 NLC566050T-180K-PF 27 ±10% 10 2.52 13 0.43 480 NLC566050T-180K-PF 27 ±10% 10 2.52 13 0.43 480 NLC566050T-180K-PF 27 ±10% 10 2.52 10.5 0.62 400 NLC566050T-330K-PF								
8.2 ±10% 10 7.96 22 0.18 750 NLC565050T-8P2K-PF 10 ±10% 10 2.52 19 0.21 690 NLC565050T-100K-PF 12 ±10% 10 2.52 17 0.25 630 NLC565050T-120K-PF 15 ±10% 10 2.52 16 0.3 580 NLC565050T-150K-PF 18 ±10% 10 2.52 14 0.36 530 NLC565050T-180K-PF 18 ±10% 10 2.52 13 0.43 480 NLC565050T-220K-PF 22 ±10% 10 2.52 13 0.43 480 NLC565050T-220K-PF 27 ±10% 10 2.52 10.5 0.62 440 NLC5665050T-220K-PF 33 ±10% 10 2.52 10.5 0.62 440 NLC5665050T-390K-PF 47 ±10% 10 2.52 8.5 0.85 340 NLC5665050T-390K-PF								
10								
12 ±10% 10 2.52 17 0.25 630 NLC565050T-120K-PF 15 ±10% 10 2.52 16 0.3 580 NLC565050T-150K-PF 18 ±10% 10 2.52 14 0.36 530 NLC565050T-20K-PF 22 ±10% 10 2.52 13 0.43 480 NLC565050T-270K-PF 27 ±10% 10 2.52 11.5 0.52 440 NLC565050T-270K-PF 33 ±10% 10 2.52 10.5 0.62 400 NLC565050T-300K-PF 39 ±10% 10 2.52 9.5 0.72 370 NLC565050T-300K-PF 47 ±10% 10 2.52 8.5 0.85 340 NLC565050T-300K-PF 47 ±10% 10 2.52 7.8 1 310 NLC565050T-40K-PF 68 ±10% 10 2.52 7.8 1 20 NLC565050T-60K-PF 82 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
15 ±10% 10 2.52 16 0.3 580 NLC565050T-150K-PF 18 ±10% 10 2.52 14 0.36 530 NLC565050T-180K-PF 22 ±10% 10 2.52 13 0.43 480 NLC565050T-220K-PF 27 ±10% 10 2.52 11.5 0.52 440 NLC565050T-230K-PF 33 ±10% 10 2.52 10.5 0.62 400 NLC565050T-330K-PF 39 ±10% 10 2.52 9.5 0.72 370 NLC565050T-390K-PF 47 ±10% 10 2.52 8.5 0.85 340 NLC565050T-390K-PF 47 ±10% 10 2.52 7.8 1 310 NLC565050T-470K-PF 56 ±10% 10 2.52 7.8 1 310 NLC565050T-560K-PF 68 ±10% 10 2.52 7 1.2 290 NLC565050T-520K-PF 100<							690	NLC565050T-100K-PF
18 ±10% 10 2.52 14 0.36 530 NLC565050T-180K-PF 22 ±10% 10 2.52 13 0.43 480 NLC565050T-220K-PF 27 ±10% 10 2.52 11.5 0.52 440 NLC565050T-270K-PF 33 ±10% 10 2.52 10.5 0.62 400 NLC565050T-390K-PF 39 ±10% 10 2.52 9.5 0.72 370 NLC565050T-390K-PF 47 ±10% 10 2.52 8.5 0.85 340 NLC565050T-390K-PF 47 ±10% 10 2.52 7.8 1 310 NLC565050T-470K-PF 68 ±10% 10 2.52 7.8 1 310 NLC565050T-560K-PF 82 ±10% 10 2.52 7 1.2 290 NLC565050T-680K-PF 100 ±10% 20 0.796 6 1.6 250 NLC565050T-680K-PF 120					17		630	NLC565050T-120K-PF
22 ±10% 10 2.52 13 0.43 480 NLC565050T-220K-PF 27 ±10% 10 2.52 11.5 0.52 440 NLC565050T-270K-PF 33 ±10% 10 2.52 10.5 0.62 400 NLC565050T-330K-PF 39 ±10% 10 2.52 9.5 0.72 370 NLC565050T-390K-PF 47 ±10% 10 2.52 8.5 0.85 340 NLC5665050T-470K-PF 56 ±10% 10 2.52 7.8 1 310 NLC5665050T-460K-PF 68 ±10% 10 2.52 7 1.2 290 NLC5665050T-680K-PF 82 ±10% 10 2.52 7 1.2 290 NLC565050T-80K-PF 100 ±10% 20 0.796 6 1.6 250 NLC565050T-101K-PF 120 ±10% 20 0.796 5.4 1.9 230 NLC565050T-151K-PF <td< td=""><td>15</td><td>±10%</td><td>10</td><td>2.52</td><td>16</td><td>0.3</td><td>580</td><td>NLC565050T-150K-PF</td></td<>	15	±10%	10	2.52	16	0.3	580	NLC565050T-150K-PF
27 ±10% 10 2.52 11.5 0.52 440 NLC565050T-270K-PF 33 ±10% 10 2.52 10.5 0.62 400 NLC565050T-330K-PF 39 ±10% 10 2.52 9.5 0.72 370 NLC565050T-390K-PF 47 ±10% 10 2.52 8.5 0.85 340 NLC565050T-60K-PF 66 ±10% 10 2.52 7.8 1 310 NLC565050T-680K-PF 68 ±10% 10 2.52 7 1.2 290 NLC565050T-680K-PF 82 ±10% 10 2.52 7 1.2 290 NLC565050T-680K-PF 82 ±10% 10 2.52 6.4 1.4 270 NLC565050T-820K-PF 100 ±10% 20 0.796 6 1.6 250 NLC565050T-101K-PF 120 ±10% 20 0.796 4.8 1.9 230 NLC565050T-121K-PF 15	18	±10%	10	2.52	14	0.36	530	NLC565050T-180K-PF
33 ±10% 10 2.52 10.5 0.62 400 NLC565050T-330K-PF 39 ±10% 10 2.52 9.5 0.72 370 NLC565050T-390K-PF 47 ±10% 10 2.52 8.5 0.85 340 NLC565050T-470K-PF 56 ±10% 10 2.52 7.8 1 310 NLC565050T-560K-PF 68 ±10% 10 2.52 7 1.2 290 NLC565050T-660K-PF 82 ±10% 10 2.52 6.4 1.4 270 NLC565050T-820K-PF 82 ±10% 10 2.52 6.4 1.4 270 NLC565050T-820K-PF 100 ±10% 20 0.796 6 1.6 250 NLC565050T-101K-PF 120 ±10% 20 0.796 5.4 1.9 230 NLC565050T-121K-PF 150 ±10% 20 0.796 4.8 2.2 210 NLC565050T-131K-PF <td< td=""><td>22</td><td>±10%</td><td>10</td><td>2.52</td><td>13</td><td>0.43</td><td>480</td><td>NLC565050T-220K-PF</td></td<>	22	±10%	10	2.52	13	0.43	480	NLC565050T-220K-PF
39 ±10% 10 2.52 9.5 0.72 370 NLC565050T-390K-PF 47 ±10% 10 2.52 8.5 0.85 340 NLC565050T-470K-PF 56 ±10% 10 2.52 7.8 1 310 NLC565050T-560K-PF 68 ±10% 10 2.52 7 1.2 290 NLC565050T-680K-PF 82 ±10% 10 2.52 6.4 1.4 270 NLC565050T-680K-PF 82 ±10% 10 2.52 6.4 1.4 270 NLC565050T-820K-PF 100 ±10% 20 0.796 6 1.6 250 NLC565050T-101K-PF 120 ±10% 20 0.796 5.4 1.9 230 NLC565050T-121K-PF 150 ±10% 20 0.796 4.8 2.2 210 NLC565050T-151K-PF 180 ±10% 20 0.796 3.9 3.4 170 NLC565050T-21K-PF	27	±10%	10	2.52	11.5	0.52	440	NLC565050T-270K-PF
47 ±10% 10 2.52 8.5 0.85 340 NLC565050T-470K-PF 56 ±10% 10 2.52 7.8 1 310 NLC565050T-560K-PF 68 ±10% 10 2.52 7 1.2 290 NLC565050T-680K-PF 82 ±10% 10 2.52 6.4 1.4 270 NLC565050T-820K-PF 100 ±10% 20 0.796 6 1.6 250 NLC565050T-101K-PF 120 ±10% 20 0.796 5.4 1.9 230 NLC565050T-121K-PF 150 ±10% 20 0.796 4.8 2.2 210 NLC565050T-151K-PF 180 ±10% 20 0.796 4.4 2.8 190 NLC565050T-151K-PF 180 ±10% 20 0.796 3.9 3.4 170 NLC565050T-21K-PF 270 ±10% 20 0.796 3.6 4.2 155 NLC565050T-21K-PF <t< td=""><td>33</td><td>±10%</td><td>10</td><td>2.52</td><td>10.5</td><td>0.62</td><td>400</td><td>NLC565050T-330K-PF</td></t<>	33	±10%	10	2.52	10.5	0.62	400	NLC565050T-330K-PF
56 ±10% 10 2.52 7.8 1 310 NLC565050T-560K-PF 68 ±10% 10 2.52 7 1.2 290 NLC565050T-680K-PF 82 ±10% 10 2.52 6.4 1.4 270 NLC565050T-820K-PF 100 ±10% 20 0.796 6 1.6 250 NLC565050T-101K-PF 120 ±10% 20 0.796 5.4 1.9 230 NLC565050T-121K-PF 150 ±10% 20 0.796 4.8 2.2 210 NLC565050T-121K-PF 180 ±10% 20 0.796 4.4 2.8 190 NLC565050T-181K-PF 20 ±10% 20 0.796 3.9 3.4 170 NLC565050T-21K-PF 270 ±10% 20 0.796 3.6 4.2 155 NLC565050T-271K-PF 330 ±10% 20 0.796 3.2 4.9 140 NLC565050T-331K-PF <	39	±10%	10	2.52	9.5	0.72	370	NLC565050T-390K-PF
68 ±10% 10 2.52 7 1.2 290 NLC565050T-680K-PF 82 ±10% 10 2.52 6.4 1.4 270 NLC565050T-820K-PF 100 ±10% 20 0.796 6 1.6 250 NLC565050T-101K-PF 120 ±10% 20 0.796 5.4 1.9 230 NLC565050T-121K-PF 150 ±10% 20 0.796 4.8 2.2 210 NLC565050T-151K-PF 180 ±10% 20 0.796 4.4 2.8 190 NLC565050T-181K-PF 220 ±10% 20 0.796 3.9 3.4 170 NLC565050T-221K-PF 270 ±10% 20 0.796 3.6 4.2 155 NLC565050T-271K-PF 330 ±10% 20 0.796 3.2 4.9 140 NLC565050T-331K-PF 470 ±10% 20 0.796 2.6 7 120 NLC565050T-471K-PF	47	±10%	10	2.52	8.5	0.85	340	NLC565050T-470K-PF
82 ±10% 10 2.52 6.4 1.4 270 NLC565050T-820K-PF 100 ±10% 20 0.796 6 1.6 250 NLC565050T-101K-PF 120 ±10% 20 0.796 5.4 1.9 230 NLC565050T-121K-PF 150 ±10% 20 0.796 4.8 2.2 210 NLC565050T-151K-PF 180 ±10% 20 0.796 4.4 2.8 190 NLC565050T-181K-PF 220 ±10% 20 0.796 3.9 3.4 170 NLC565050T-221K-PF 270 ±10% 20 0.796 3.6 4.2 155 NLC565050T-271K-PF 330 ±10% 20 0.796 3.2 4.9 140 NLC565050T-331K-PF 390 ±10% 20 0.796 2.9 5.8 130 NLC565050T-391K-PF 470 ±10% 20 0.796 2.6 7 120 NLC565050T-471K-PF	56	±10%	10	2.52	7.8	1	310	NLC565050T-560K-PF
100 ±10% 20 0.796 6 1.6 250 NLC565050T-101K-PF 120 ±10% 20 0.796 5.4 1.9 230 NLC565050T-121K-PF 150 ±10% 20 0.796 4.8 2.2 210 NLC565050T-151K-PF 180 ±10% 20 0.796 4.4 2.8 190 NLC565050T-181K-PF 220 ±10% 20 0.796 3.9 3.4 170 NLC565050T-221K-PF 270 ±10% 20 0.796 3.6 4.2 155 NLC565050T-271K-PF 330 ±10% 20 0.796 3.2 4.9 140 NLC565050T-331K-PF 390 ±10% 20 0.796 2.9 5.8 130 NLC565050T-391K-PF 470 ±10% 20 0.796 2.6 7 120 NLC565050T-471K-PF 560 ±10% 20 0.796 2.4 8.5 110 NLC565050T-561K-PF	68	±10%	10	2.52	7	1.2	290	NLC565050T-680K-PF
120 ±10% 20 0.796 5.4 1.9 230 NLC565050T-121K-PF 150 ±10% 20 0.796 4.8 2.2 210 NLC565050T-151K-PF 180 ±10% 20 0.796 4.4 2.8 190 NLC565050T-181K-PF 220 ±10% 20 0.796 3.9 3.4 170 NLC565050T-221K-PF 270 ±10% 20 0.796 3.6 4.2 155 NLC565050T-271K-PF 330 ±10% 20 0.796 3.2 4.9 140 NLC565050T-331K-PF 390 ±10% 20 0.796 2.9 5.8 130 NLC565050T-391K-PF 470 ±10% 20 0.796 2.6 7 120 NLC565050T-471K-PF 560 ±10% 20 0.796 2.4 8.5 110 NLC565050T-561K-PF 680 ±10% 20 0.796 2.2 10 100 NLC565050T-681K-PF <tr< td=""><td>82</td><td>±10%</td><td>10</td><td>2.52</td><td>6.4</td><td>1.4</td><td>270</td><td>NLC565050T-820K-PF</td></tr<>	82	±10%	10	2.52	6.4	1.4	270	NLC565050T-820K-PF
150 ±10% 20 0.796 4.8 2.2 210 NLC565050T-151K-PF 180 ±10% 20 0.796 4.4 2.8 190 NLC565050T-181K-PF 220 ±10% 20 0.796 3.9 3.4 170 NLC565050T-221K-PF 270 ±10% 20 0.796 3.6 4.2 155 NLC565050T-271K-PF 330 ±10% 20 0.796 3.2 4.9 140 NLC565050T-331K-PF 390 ±10% 20 0.796 2.9 5.8 130 NLC565050T-391K-PF 470 ±10% 20 0.796 2.6 7 120 NLC565050T-471K-PF 560 ±10% 20 0.796 2.4 8.5 110 NLC565050T-561K-PF 680 ±10% 20 0.796 2.2 10 100 NLC565050T-681K-PF 820 ±10% 20 0.796 2 13 90 NLC565050T-821K-PF	100	±10%	20	0.796	6	1.6	250	NLC565050T-101K-PF
180 ±10% 20 0.796 4.4 2.8 190 NLC565050T-181K-PF 220 ±10% 20 0.796 3.9 3.4 170 NLC565050T-221K-PF 270 ±10% 20 0.796 3.6 4.2 155 NLC565050T-271K-PF 330 ±10% 20 0.796 3.2 4.9 140 NLC565050T-331K-PF 390 ±10% 20 0.796 2.9 5.8 130 NLC565050T-391K-PF 470 ±10% 20 0.796 2.6 7 120 NLC565050T-471K-PF 560 ±10% 20 0.796 2.4 8.5 110 NLC565050T-561K-PF 680 ±10% 20 0.796 2.2 10 100 NLC565050T-681K-PF 820 ±10% 20 0.796 2 13 90 NLC565050T-821K-PF	120	±10%	20	0.796	5.4	1.9	230	NLC565050T-121K-PF
220 ±10% 20 0.796 3.9 3.4 170 NLC565050T-221K-PF 270 ±10% 20 0.796 3.6 4.2 155 NLC565050T-271K-PF 330 ±10% 20 0.796 3.2 4.9 140 NLC565050T-331K-PF 390 ±10% 20 0.796 2.9 5.8 130 NLC565050T-391K-PF 470 ±10% 20 0.796 2.6 7 120 NLC565050T-471K-PF 560 ±10% 20 0.796 2.4 8.5 110 NLC565050T-561K-PF 680 ±10% 20 0.796 2.2 10 100 NLC565050T-681K-PF 820 ±10% 20 0.796 2 13 90 NLC565050T-821K-PF	150	±10%	20	0.796	4.8	2.2	210	NLC565050T-151K-PF
270 ±10% 20 0.796 3.6 4.2 155 NLC565050T-271K-PF 330 ±10% 20 0.796 3.2 4.9 140 NLC565050T-331K-PF 390 ±10% 20 0.796 2.9 5.8 130 NLC565050T-391K-PF 470 ±10% 20 0.796 2.6 7 120 NLC565050T-471K-PF 560 ±10% 20 0.796 2.4 8.5 110 NLC565050T-561K-PF 680 ±10% 20 0.796 2.2 10 100 NLC565050T-681K-PF 820 ±10% 20 0.796 2 13 90 NLC565050T-821K-PF	180	±10%	20	0.796	4.4	2.8	190	NLC565050T-181K-PF
330 ±10% 20 0.796 3.2 4.9 140 NLC565050T-331K-PF 390 ±10% 20 0.796 2.9 5.8 130 NLC565050T-391K-PF 470 ±10% 20 0.796 2.6 7 120 NLC565050T-471K-PF 560 ±10% 20 0.796 2.4 8.5 110 NLC565050T-561K-PF 680 ±10% 20 0.796 2.2 10 100 NLC565050T-681K-PF 820 ±10% 20 0.796 2 13 90 NLC565050T-821K-PF	220	±10%	20	0.796	3.9	3.4	170	NLC565050T-221K-PF
390 ±10% 20 0.796 2.9 5.8 130 NLC565050T-391K-PF 470 ±10% 20 0.796 2.6 7 120 NLC565050T-471K-PF 560 ±10% 20 0.796 2.4 8.5 110 NLC565050T-561K-PF 680 ±10% 20 0.796 2.2 10 100 NLC565050T-681K-PF 820 ±10% 20 0.796 2 13 90 NLC565050T-821K-PF	270	±10%	20	0.796	3.6	4.2	155	NLC565050T-271K-PF
470 ±10% 20 0.796 2.6 7 120 NLC565050T-471K-PF 560 ±10% 20 0.796 2.4 8.5 110 NLC565050T-561K-PF 680 ±10% 20 0.796 2.2 10 100 NLC565050T-681K-PF 820 ±10% 20 0.796 2 13 90 NLC565050T-821K-PF	330	±10%	20	0.796	3.2	4.9	140	NLC565050T-331K-PF
560 ±10% 20 0.796 2.4 8.5 110 NLC565050T-561K-PF 680 ±10% 20 0.796 2.2 10 100 NLC565050T-681K-PF 820 ±10% 20 0.796 2 13 90 NLC565050T-821K-PF	390	±10%	20	0.796	2.9	5.8	130	NLC565050T-391K-PF
680 ±10% 20 0.796 2.2 10 100 NLC565050T-681K-PF 820 ±10% 20 0.796 2 13 90 NLC565050T-821K-PF	470	±10%	20	0.796	2.6	7	120	NLC565050T-471K-PF
680 ±10% 20 0.796 2.2 10 100 NLC565050T-681K-PF 820 ±10% 20 0.796 2 13 90 NLC565050T-821K-PF	560				2.4	8.5	110	NLC565050T-561K-PF
820 ±10% 20 0.796 2 13 90 NLC565050T-821K-PF	680		20	0.796	2.2	10	100	
1000 ±10% 20 0.252 1.8 15 85 NLC565050T-102K-PF	1000	±10%	20	0.252	1.8	15	85	NLC565050T-102K-PF

^{*} Rated current: Value obtained when current flows and the temperature has risen to 20°C or when DC current flows and the initial value of inductance has fallen by 10%, whichever is smaller.

SRF: HP8753C NETWORK ANALYZER (Zin=Zout= 50Ω), or equivalent Rdc: MATSUSHITA VP-2941A DIGITAL MILLIOHM METER, or equivalent

[•] Test equipment L, Q: YHP4194A IMPEDANCE ANALYZER+YHP16085A+YHP16093B+TF-1, or equivalent



TYPICAL ELECTRICAL CHARACTERISTICS INDUCTANCE CHANGE vs. DC SUPERPOSITION CHARACTERISTICS

