

NL322522Type  
 NL453232Type  
 NLC322522Type  
 NLC453232Type

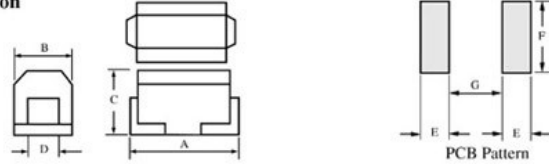
**Features**

- \* Encapsulated with novolac epoxy offering accurate dimensions and resistant to shock or pressure
- \* Excellent environmental protect
- \* CC type offer low DC resistance and high current handling

**Applications**

- \* Microtelevisiona, liquid crystal televisions, video cameras.

**Construction**



Unit : ( m/m)

Type	A(MAX)	B(MAX)	C(MAX)	D	E	F	G	H	I
NL322522	3.2±0.3	2.5±0.3	2.2±0.3	1.0±0.2	1.00	1.40	1.80		
NL453232	4.5±0.3	3.2±0.3	3.2±0.3	1.2±0.3	1.50	1.60	2.20		
NLC322522	3.2±0.3	2.5±0.3	2.2±0.3	1.0±0.2	1.00	1.40	1.80		
NLC453232	4.5±0.3	3.2±0.3	3.2±0.3	1.2±0.3	1.50	1.60	2.20		

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**Electrical Specification**

Unit:(m/m)

Parts No.	L ( $\mu$ H)	Q min.	Test Freq. (MHz)	SRF (MHz) min.	RDC ( ) max.	IDC (mA) max.
NL322522-R10M	0.10 $\pm$ 20%	28	100	700	0.44	450
NL322522-R12M	0.12 $\pm$ 20%	30	25.2	500	0.22	450
NL322522-R15M	0.15 $\pm$ 20%	30	25.2	450	0.25	450
NL322522-R18M	0.18 $\pm$ 20%	30	25.2	400	0.28	450
NL322522-R22M	0.22 $\pm$ 20%	30	25.2	350	0.32	450
NL322522-R27M	0.27 $\pm$ 20%	30	25.2	320	0.36	450
NL322522-R33M	0.33 $\pm$ 20%	30	25.2	300	0.40	450
NL322522-R39M	0.39 $\pm$ 20%	30	25.2	250	0.45	450
NL322522-R47M	0.47 $\pm$ 20%	30	25.2	220	0.50	450
NL322522-R56M	0.56 $\pm$ 20%	30	25.2	180	0.55	450
NL322522-R68M	0.68 $\pm$ 20%	30	25.2	160	0.60	450
NL322522-R82M	0.82 $\pm$ 20%	30	25.2	140	0.65	450
NL322522-1R0K	1.0 $\pm$ 10%	30	7.96	120	0.70	400
NL322522-1R2K	1.2 $\pm$ 10%	30	7.96	100	0.75	390
NL322522-1R5K	1.5 $\pm$ 10%	30	7.96	85	0.85	370
NL322522-1R8K	1.8 $\pm$ 10%	30	7.96	80	0.90	350
NL322522-2R2K	2.2 $\pm$ 10%	30	7.96	75	1.00	320
NL322522-2R7K	2.7 $\pm$ 10%	30	7.96	70	1.10	290
NL322522-3R3K	3.3 $\pm$ 10%	30	7.96	60	1.20	260
NL322522-3R9K	3.9 $\pm$ 10%	30	7.96	55	1.30	250
NL322522-4R7K	4.7 $\pm$ 10%	30	7.96	50	1.50	220
NL322522-5R6K	5.6 $\pm$ 10%	30	7.96	45	1.60	200
NL322522-6R8K	6.8 $\pm$ 10%	30	7.96	40	1.80	180
NL322522-8R2K	8.2 $\pm$ 10%	30	7.96	35	2.00	170
NL322522-100K	10 $\pm$ 10%	30	2.52	30	2.10	150
NL322522-120K	12 $\pm$ 10%	30	2.52	25	2.50	140
NL322522-150K	15 $\pm$ 10%	30	2.52	20	2.80	130
NL322522-180K	18 $\pm$ 10%	30	2.52	20	3.30	120
NL322522-220K	22 $\pm$ 10%	30	2.52	20	3.70	110
NL322522-270K	27 $\pm$ 10%	30	2.52	18	5.00	80
NL322522-330K	33 $\pm$ 10%	30	2.52	17	5.60	70
NL322522-390K	39 $\pm$ 10%	30	2.52	16	6.40	65
NL322522-470K	47 $\pm$ 10%	30	2.52	15	7.00	60
NL322522-560K	56 $\pm$ 10%	30	2.52	13	8.00	55
NL322522-680K	68 $\pm$ 10%	30	2.52	12	9.00	50
NL322522-820K	82 $\pm$ 10%	30	2.52	11	10.0	45
NL322522-101K	100 $\pm$ 10%	20	2.52	10	11.0	40
NL322522-121K	120 $\pm$ 10%	20	0.796	10	11.0	70
NL322522-151K	150 $\pm$ 10%	20	0.796	8	15.0	65
NL322522-181K	180 $\pm$ 10%	20	0.796	7	17.0	60
NL322522-221K	220 $\pm$ 10%	20	0.796	7	21.0	50

1. Tolerance :K  $\pm$  10% M  $\pm$  20%

## Electrical Specification

Unit:(m/m)

Parts No.	L ( $\mu$ H)	Q min.	Test Freq. (MHz)	SRF (MHz) min.	RDC ( ) max.	IDC (mA) max.
NL453232-R10M	0.10 $\pm$ 20%	35	100	300	0.18	800
NL453232-R12M	0.12 $\pm$ 20%	35	25.2	280	0.20	770
NL453232-R15M	0.15 $\pm$ 20%	35	25.2	250	0.22	730
NL453232-R18M	0.18 $\pm$ 20%	35	25.2	220	0.24	700
NL453232-R22M	0.22 $\pm$ 20%	40	25.2	200	0.25	665
NL453232-R27M	0.27 $\pm$ 20%	40	25.2	180	0.26	635
NL453232-R33M	0.33 $\pm$ 20%	40	25.2	165	0.28	605
NL453232-R39M	0.39 $\pm$ 20%	40	25.2	150	0.30	575
NL453232-R47M	0.47 $\pm$ 20%	40	25.2	145	0.32	545
NL453232-R56M	0.56 $\pm$ 20%	40	25.2	140	0.36	520
NL453232-R68M	0.68 $\pm$ 20%	40	25.2	135	0.40	500
NL453232-R82M	0.82 $\pm$ 20%	40	25.2	130	0.45	475
NL453232-1R0K	1.0 $\pm$ 10%	50	7.96	100	0.50	450
NL453232-1R2K	1.2 $\pm$ 10%	50	7.96	80	0.55	430
NL453232-1R5K	1.5 $\pm$ 10%	50	7.96	70	0.60	410
NL453232-1R8K	1.8 $\pm$ 10%	50	7.96	60	0.65	390
NL453232-2R2K	2.2 $\pm$ 10%	50	7.96	55	0.70	380
NL453232-2R7K	2.7 $\pm$ 10%	50	7.96	50	0.75	370
NL453232-3R3K	3.3 $\pm$ 10%	50	7.96	45	0.80	355
NL453232-3R9K	3.9 $\pm$ 10%	50	7.96	40	0.90	330
NL453232-4R7K	4.7 $\pm$ 10%	50	7.96	35	1.00	315
NL453232-5R6K	5.6 $\pm$ 10%	50	7.96	33	1.10	300
NL453232-6R8K	6.8 $\pm$ 10%	50	7.96	27	1.20	285
NL453232-8R2K	8.2 $\pm$ 10%	50	7.96	25	1.40	270
NL453232-100K	10 $\pm$ 10%	50	2.52	20	1.60	250
NL453232-120K	12 $\pm$ 10%	50	2.52	18	2.00	225
NL453232-150K	15 $\pm$ 10%	50	2.52	17	2.50	200
NL453232-180K	18 $\pm$ 10%	50	2.52	15	2.80	190
NL453232-220K	22 $\pm$ 10%	50	2.52	13	3.20	180
NL453232-270K	27 $\pm$ 10%	50	2.52	12	3.60	170
NL453232-330K	33 $\pm$ 10%	50	2.52	11	4.00	160
NL453232-390K	39 $\pm$ 10%	50	2.52	10	4.50	150
NL453232-470K	47 $\pm$ 10%	50	2.52	10	5.00	140
NL453232-560K	56 $\pm$ 10%	50	2.52	9	5.50	135
NL453232-680K	68 $\pm$ 10%	50	2.52	9	6.00	130
NL453232-820K	82 $\pm$ 10%	50	2.52	8	7.00	120
NL453232-101K	100 $\pm$ 10%	40	0.796	8	8.00	110
NL453232-121K	120 $\pm$ 10%	40	0.796	6	8.00	110
NL453232-151K	150 $\pm$ 10%	40	0.796	5	9.00	105
NL453232-181K	180 $\pm$ 10%	40	0.796	5	9.50	102
NL453232-221K	220 $\pm$ 10%	40	0.796	4	10.0	100
NL453232-271K	270 $\pm$ 10%	40	0.796	4	12.0	92
NL453232-331K	330 $\pm$ 10%	40	0.796	3.5	14.0	85
NL453232-391K	390 $\pm$ 10%	40	0.796	3	18.0	80
NL453232-471K	470 $\pm$ 10%	40	0.796	3	26.0	62
NL453232-561K	560 $\pm$ 10%	30	0.796	3	30.0	50
NL453232-681K	680 $\pm$ 10%	30	0.796	3	30.0	50
NL453232-821K	820 $\pm$ 10%	30	0.796	2.5	35.0	30
NL453232-102K	1000 $\pm$ 10%	20	0.252	2.5	40.0	30

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Parts No.	L ( $\mu$ H)	Q min.	Test Freq. (MHz)	SRF (MHz) min.	RDC ( ) max.	IDC (mA) max.
NLC322522-1R0K	1.0 $\pm$ 10%	10	7.96	100	0.156	770
NLC322522-1R5K	1.5 $\pm$ 10%	10	7.96	80	0.195	580
NLC322522-2R2K	2.2 $\pm$ 10%	10	7.96	65	0.260	480
NLC322522-3R3K	3.3 $\pm$ 10%	10	7.96	55	0.325	400
NLC322522-4R7K	4.7 $\pm$ 10%	10	7.96	45	0.520	320
NLC322522-6R8K	6.8 $\pm$ 10%	15	25.2	35	0.650	280
NLC322522-100K	10 $\pm$ 10%	15	25.2	28	1.105	220
NLC322522-120K	15 $\pm$ 10%	15	25.2	25	1.690	180
NLC322522-220K	22 $\pm$ 10%	15	25.2	20	2.60	145
NLC322522-270K	27 $\pm$ 10%	15	25.2	17	3.00	125
NLC322522-330K	33 $\pm$ 10%	20	25.2	15	3.64	115
NLC322522-470K	47 $\pm$ 10%	20	2.52	13	5.46	105
NLC322522-680K	68 $\pm$ 10%	20	2.52	10	8.45	85
NLC322522-820K	82 $\pm$ 10%	20	0.796	9	8.71	80
NLC322522-101K	100 $\pm$ 10%	50	7.96	8	10.14	75



**Electrical Specification**

Unit:(m/m)

Parts No.	L ( $\mu$ H)	Q min.	Test Freq. (MHz)	SRF (MHz) min.	RDC ( ) max.	IDC (mA) max.
NLC453232-1R0K	1.0 $\pm$ 10%	10	7.96	180	0.11	1050
NLC453232-1R2K	1.2 $\pm$ 10%	10	7.96	160	0.12	1000
NLC453232-1R5K	1.5 $\pm$ 10%	10	7.96	130	0.15	950
NLC453232-1R8K	1.8 $\pm$ 10%	10	7.96	100	0.16	900
NLC453232-2R2K	2.2 $\pm$ 10%	10	7.96	80	0.18	850
NLC453232-2R7K	2.7 $\pm$ 10%	10	7.96	60	0.20	800
NLC453232-3R3K	3.3 $\pm$ 10%	10	7.96	45	0.22	750
NLC453232-3R9K	3.9 $\pm$ 10%	10	7.96	40	0.24	700
NLC453232-4R7K	4.7 $\pm$ 10%	10	7.96	35	0.27	650
NLC453232-5R6K	5.6 $\pm$ 10%	10	7.96	30	0.30	650
NLC453232-6R8K	6.8 $\pm$ 10%	10	7.96	28	0.35	600
NLC453232-8R2K	8.2 $\pm$ 10%	10	7.96	25	0.40	600
NLC453232-100K	10 $\pm$ 10%	10	2.52	22	0.50	550
NLC453232-120K	12 $\pm$ 10%	10	2.52	21	0.60	500
NLC453232-150K	15 $\pm$ 10%	10	2.52	20	0.70	450
NLC453232-180K	18 $\pm$ 10%	10	2.52	19	0.80	400
NLC453232-220K	22 $\pm$ 10%	10	2.52	18	0.90	370
NLC453232-270K	27 $\pm$ 10%	10	2.52	16	1.20	330
NLC453232-330K	33 $\pm$ 10%	10	2.52	14	1.40	300
NLC453232-390K	39 $\pm$ 10%	10	2.52	12	1.60	280
NLC453232-470K	47 $\pm$ 10%	10	2.52	11.5	1.90	260
NLC453232-560K	56 $\pm$ 10%	10	2.52	11.0	2.20	240
NLC453232-680K	68 $\pm$ 10%	10	2.52	10.0	2.60	220
NLC453232-820K	82 $\pm$ 10%	10	2.52	9.0	3.50	200
NLC453232-101K	100 $\pm$ 10%	20	0.796	8.0	4.00	180
NLC453232-121K	120 $\pm$ 10%	20	0.796	7.5	4.50	160
NLC453232-151K	150 $\pm$ 10%	20	0.796	7.0	6.50	140
NLC453232-181K	180 $\pm$ 10%	20	0.796	6.5	7.50	120
NLC453232-221K	220 $\pm$ 10%	20	0.796	5.5	9.00	120
NLC453232-271K	270 $\pm$ 10%	20	0.796	5.0	11.0	100
NLC453232-331K	330 $\pm$ 10%	20	0.796	4.0	13.0	90
NLC453232-391K	390 $\pm$ 10%	30	0.796	3.0	13.5	85
NLC453232-471K	470 $\pm$ 10%	30	0.796	3.0	15.0	75
NLC453232-561K	560 $\pm$ 10%	30	0.796	3.0	17.0	70
NLC453232-681K	680 $\pm$ 10%	30	0.796	2.5	22.8	65