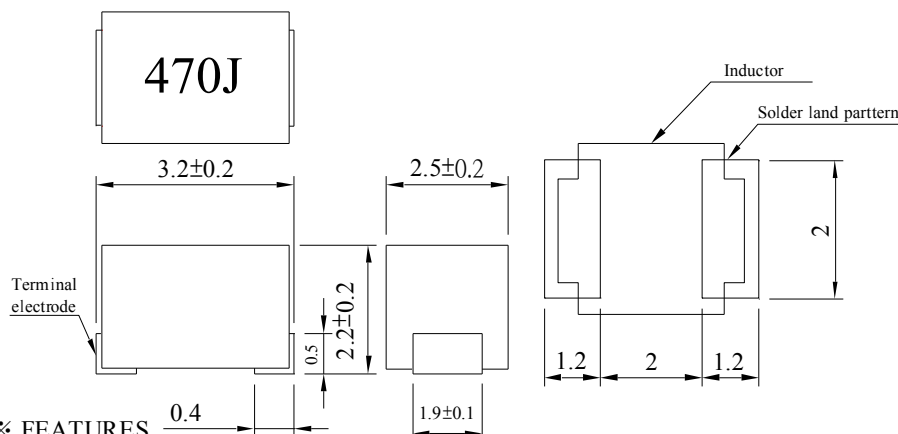


**【NL322522-SERIES】**

**DIMENSIONS & RECOMMENDED PATTERN**



※ FEATURES

- Applications : audio-visual equipment including TVs, VCR and digital cameras, electronic equipment used in communication infrastructures including xDSL and mobil base stations, electronic equipment used in onboard automobile equipment including car audio and ECU systems, and other electronic equipment including HDDs and ODDs

**SELECTION GUIDE FOR STANDARD COILS**

GENERIC Part Number	Inductance	Tolerance	Q	SRF	DC Resistance	Inductance Decrease Current
	( $\mu$ H)	(%)	Min	(MHz) Min	( $\Omega$ ) Max	(A) Max
NL322522 - 10J	0.010	$\pm 5\%$	15	2500	0.13	0.450
NL322522 - 12J	0.012	$\pm 5\%$	17	2300	0.14	0.450
NL322522 - 15J	0.015	$\pm 5\%$	19	2100	0.16	0.450
NL322522 - 18J	0.018	$\pm 5\%$	21	1900	0.18	0.450
NL322522 - 22J	0.022	$\pm 5\%$	23	1700	0.20	0.450
NL322522 - 27J	0.027	$\pm 5\%$	23	1500	0.22	0.450
NL322522 - 33J	0.033	$\pm 5\%$	25	1400	0.24	0.450
NL322522 - 39J	0.039	$\pm 5\%$	25	1300	0.27	0.450
NL322522 - 47J	0.047	$\pm 5\%$	26	1200	0.30	0.450
NL322522 - 56J	0.056	$\pm 5\%$	26	1100	0.33	0.450
NL322522 - 68J	0.068	$\pm 5\%$	27	1000	0.36	0.450
NL322522 - 82J	0.082	$\pm 5\%$	27	900	0.40	0.450
NL322522 - R10J	0.100	$\pm 5\%$	28	700	0.44	0.450
NL322522 - R12J	0.120	$\pm 5\%$	30	500	0.22	0.450
NL322522 - R15J	0.150	$\pm 5\%$	30	450	0.25	0.450
NL322522 - R18J	0.180	$\pm 5\%$	30	400	0.28	0.450
NL322522 - R22J	0.220	$\pm 5\%$	30	350	0.32	0.450
NL322522 - R27J	0.270	$\pm 5\%$	30	320	0.36	0.450

**【NL322522-SERIES】**

**SELECTION GUIDE FOR STANDARD COILS**

GENERIC Part Number	Inductance	Tolerance	Q	SRF	DC Resistance	Inductance Decrease Current
	( $\mu$ H)	(%)	Min	(MHz) Min	( $\Omega$ ) Max	(A) Max
NL322522 - R33J	0.330	$\pm 5\%$	30	300	0.40	0.450
NL322522 - R39J	0.390	$\pm 5\%$	30	250	0.45	0.450
NL322522 - R47J	0.470	$\pm 5\%$	30	220	0.50	0.450
NL322522 - R56J	0.560	$\pm 5\%$	30	180	0.55	0.450
NL322522 - R68J	0.680	$\pm 5\%$	30	160	0.60	0.450
NL322522 - R82J	0.820	$\pm 5\%$	30	140	0.65	0.450
NL322522 - 1R0J	1.000	$\pm 5\%$	30	120	0.70	0.400
NL322522 - 1R2J	1.200	$\pm 5\%$	30	100	0.75	0.390
NL322522 - 1R5J	1.500	$\pm 5\%$	30	85	0.85	0.370
NL322522 - 1R8J	1.800	$\pm 5\%$	30	80	0.90	0.350
NL322522 - 2R2J	2.200	$\pm 5\%$	30	75	1.00	0.320
NL322522 - 2R7J	2.700	$\pm 5\%$	30	70	1.10	0.290
NL322522 - 3R3J	3.300	$\pm 5\%$	30	60	1.20	0.260
NL322522 - 3R9J	3.900	$\pm 5\%$	30	55	1.30	0.250
NL322522 - 4R7J	4.700	$\pm 5\%$	30	50	1.50	0.220
NL322522 - 5R6J	5.600	$\pm 5\%$	30	45	1.60	0.200
NL322522 - 6R8J	6.800	$\pm 5\%$	30	40	1.80	0.180
NL322522 - 8R2J	8.200	$\pm 5\%$	30	35	2.00	0.170
NL322522 - 100J	10.000	$\pm 5\%$	30	30	2.10	0.150
NL322522 - 120J	12.000	$\pm 5\%$	30	20	2.50	0.140
NL322522 - 150J	15.000	$\pm 5\%$	30	20	2.80	0.130
NL322522 - 180J	18.000	$\pm 5\%$	30	20	3.30	0.120
NL322522 - 220J	22.000	$\pm 5\%$	30	20	3.70	0.110
NL322522 - 270J	27.000	$\pm 5\%$	30	20	5.00	0.080
NL322522 - 330J	33.000	$\pm 5\%$	30	17	5.60	0.070
NL322522 - 390J	39.000	$\pm 5\%$	30	16	6.40	0.065
NL322522 - 470J	47.000	$\pm 5\%$	30	15	7.00	0.060
NL322522 - 560J	56.000	$\pm 5\%$	30	13	8.00	0.055
NL322522 - 680J	68.000	$\pm 5\%$	30	12	9.00	0.050
NL322522 - 820J	82.000	$\pm 5\%$	30	11	10.00	0.045

**【NL322522-SERIES】**

**SELECTION GUIDE FOR STANDARD COILS**

GENERIC Part Number	Inductance	Tolerance	Q	SRF	DC Resistance	Inductance Decrease Current
	( $\mu$ H)	(%)	Min	(MHz) Min	( $\Omega$ ) Max	(A) Max
NL322522 - 101J	100.000	$\pm 5\%$	20	10	10.00	0.040
NL322522 - 121J	120.000	$\pm 5\%$	20	10	11.00	0.070
NL322522 - 151J	150.000	$\pm 5\%$	20	8	15.00	0.065
NL322522 - 181J	180.000	$\pm 5\%$	20	7	17.00	0.060
NL322522 - 221J	220.000	$\pm 5\%$	20	7	21.00	0.050
NL322522 - 271J	270.000	$\pm 5\%$	20	6	28.00	0.045
NL322522 - 331J	330.000	$\pm 5\%$	20	5	34.00	0.040
NL322522 - 391J	390.000	$\pm 5\%$	20	5	36.00	0.035
NL322522 - 471J	470.000	$\pm 5\%$	20	4	40.00	0.025

※ GENERAL SPECIFICATION:

- a. Operating tepperature :  $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
- b. Resistance to solder heat :  $260^{\circ}\text{C} . 10 \text{ SEC.}$
- c. Test Freq. :  $0.01\mu\text{H}\sim 0.10\mu\text{H} - 100\text{MHz}$  ;  $0.12\mu\text{H}\sim 0.82\mu\text{H} - 25.2\text{MHz}$  ;  $1.0\mu\text{H}\sim 8.2\mu\text{H} - 7.96\text{MHz}$  ;  
 $10\mu\text{H}\sim 82\mu\text{H} - 2.52\text{MHz}$  ;  $100\mu\text{H}\sim 470\mu\text{H} - 0.796\text{MHz}$