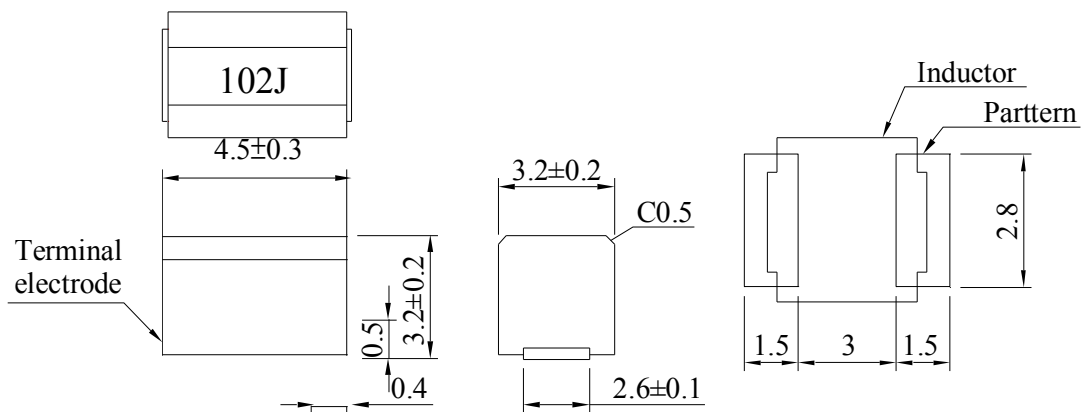


【NL4532-SERIES】

DIMENSIONS & RECOMMENDED PATTERN



Unit: mm

※ 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
	(μ H)	(%)	Min	(MHz) Min	(Ω) Max	(A) Max
NL4532 - 1R0J	1.0	$\pm 5\%$	50	100.0	0.50	0.450
NL4532 - 1R2J	1.2	$\pm 5\%$	50	80.0	0.55	0.430
NL4532 - 1R5J	1.5	$\pm 5\%$	50	70.0	0.60	0.410
NL4532 - 1R8J	1.8	$\pm 5\%$	50	60.0	0.65	0.390
NL4532 - 2R2J	2.2	$\pm 5\%$	50	55.0	0.70	0.380
NL4532 - 2R7J	2.7	$\pm 5\%$	50	50.0	0.75	0.370
NL4532 - 3R3J	3.3	$\pm 5\%$	50	45.0	0.80	0.355
NL4532 - 3R9J	3.9	$\pm 5\%$	50	40.0	0.90	0.330
NL4532 - 4R7J	4.7	$\pm 5\%$	50	35.0	1.00	0.315
NL4532 - 5R6J	5.6	$\pm 5\%$	50	33.0	1.10	0.300
NL4532 - 6R8J	6.8	$\pm 5\%$	50	27.0	1.20	0.285
NL4532 - 8R2J	8.2	$\pm 5\%$	50	25.0	1.40	0.270
NL4532 - 100J	10.0	$\pm 5\%$	50	20.0	1.60	0.250
NL4532 - 120J	12.0	$\pm 5\%$	50	18.0	2.00	0.225
NL4532 - 150J	15.0	$\pm 5\%$	50	17.0	2.50	0.200
NL4532 - 180J	18.0	$\pm 5\%$	50	15.0	2.80	0.190
NL4532 - 220J	22.0	$\pm 5\%$	50	13.0	3.20	0.180
NL4532 - 270J	27.0	$\pm 5\%$	50	12.0	3.60	0.170

【NL4532-SERIES】

SELECTION GUIDE FOR STANDARD COILS

GENERIC Part Number	Inductance	Tolerance	Q	SRF	DC Resistance	Inductance Decrease Current
	(μ H)	(%)	Min	(MHz) Min	(Ω) Max	(A) Max
NL4532 - 330J	33.0	$\pm 5\%$	50	11.0	4.00	0.160
NL4532 - 390J	39.0	$\pm 5\%$	50	10.0	4.50	0.150
NL4532 - 470J	47.0	$\pm 5\%$	50	10.0	5.00	0.140
NL4532 - 560J	56.0	$\pm 5\%$	50	9.0	5.50	0.135
NL4532 - 680J	68.0	$\pm 5\%$	50	9.0	6.00	0.130
NL4532 - 820J	82.0	$\pm 5\%$	50	8.0	7.00	0.120
NL4532 - 101J	100.0	$\pm 5\%$	40	8.0	8.00	0.110
NL4532 - 121J	120.0	$\pm 5\%$	40	6.0	8.00	0.110
NL4532 - 151J	150.0	$\pm 5\%$	40	5.0	9.00	0.105
NL4532 - 181J	180.0	$\pm 5\%$	40	5.0	9.50	0.102
NL4532 - 221J	220.0	$\pm 5\%$	40	4.0	10.00	0.100
NL4532 - 271J	270.0	$\pm 5\%$	40	4.0	12.00	0.092
NL4532 - 331J	330.0	$\pm 5\%$	40	3.5	14.00	0.085
NL4532 - 391J	390.0	$\pm 5\%$	40	3.0	16.00	0.080
NL4532 - 471J	470.0	$\pm 5\%$	40	3.0	26.00	0.062
NL4532 - 561J	560.0	$\pm 5\%$	30	3.0	30.00	0.050
NL4532 - 681J	680.0	$\pm 5\%$	30	3.0	30.00	0.050
NL4532 - 821J	820.0	$\pm 5\%$	30	2.5	35.00	0.030
NL4532 - 102J	1000.0	$\pm 5\%$	30	2.5	40.00	0.030

※ GENERAL SPECIFICATION:

- a. Operating teperature : $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
- b. Resistance to solder heat : $260^{\circ}\text{C} \cdot 10 \text{ SEC.}$
- c. Test Freq. : $1.0\mu\text{H} \sim 8.2\mu\text{H} - 7.96\text{MHz}$; $10\mu\text{H} \sim 82\mu\text{H} - 2.52\text{MHz}$; $100\mu\text{H} \sim 820\mu\text{H} - 0.796\text{MHz}$; $1000\mu\text{H} - 0.252\text{MHz}$