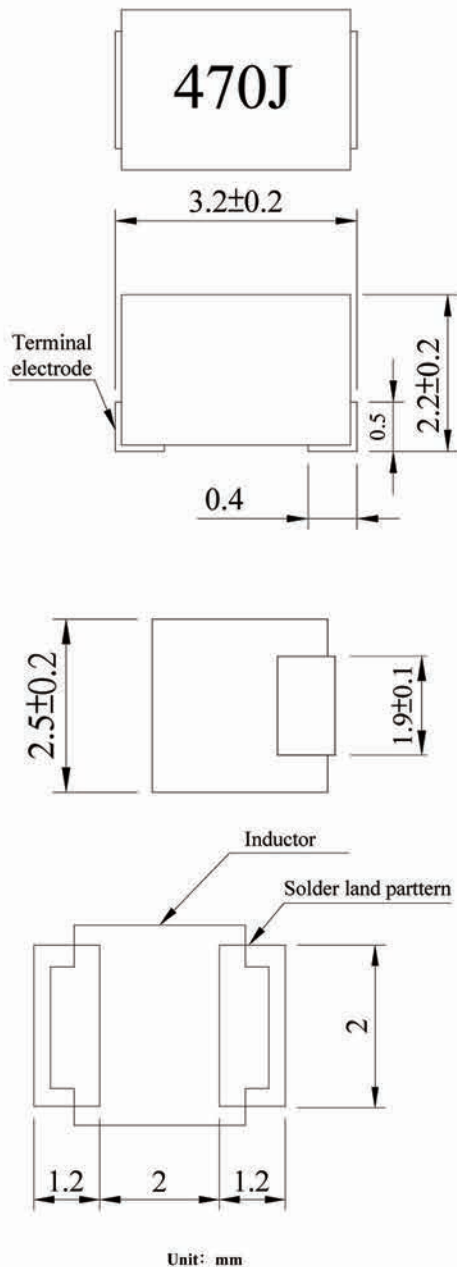




【 YCNL322522-SERIES 】

DIMENSIONS & RECOMMENDED



SELECTION GUIDE FOR STANDARD COILS

SDE Part Number	Inductance	Tolerance	Q	SRF	DC Resistance	Inductance Decrease Current
	(μ H)	(%)	Min	(MHz) Min	(Ω) Max	(A) Max
YCNL322522 - 10J	0.010	$\pm 5\%$	15	2500	0.13	0.450
YCNL322522 - 12J	0.012	$\pm 5\%$	17	2300	0.14	0.450
YCNL322522 - 15J	0.015	$\pm 5\%$	19	2100	0.16	0.450
YCNL322522 - 18J	0.018	$\pm 5\%$	21	1900	0.18	0.450
YCNL322522 - 22J	0.022	$\pm 5\%$	23	1700	0.20	0.450
YCNL322522 - 27J	0.027	$\pm 5\%$	23	1500	0.22	0.450
YCNL322522 - 33J	0.033	$\pm 5\%$	25	1400	0.24	0.450
YCNL322522 - 39J	0.039	$\pm 5\%$	25	1300	0.27	0.450
YCNL322522 - 47J	0.047	$\pm 5\%$	26	1200	0.30	0.450
YCNL322522 - 56J	0.056	$\pm 5\%$	26	1100	0.33	0.450
YCNL322522 - 68J	0.068	$\pm 5\%$	27	1000	0.36	0.450
YCNL322522 - 82J	0.082	$\pm 5\%$	27	900	0.40	0.450
YCNL322522 - R10J	0.100	$\pm 5\%$	28	700	0.44	0.450
YCNL322522 - R12J	0.120	$\pm 5\%$	30	500	0.22	0.450
YCNL322522 - R15J	0.150	$\pm 5\%$	30	450	0.25	0.450
YCNL322522 - R18J	0.180	$\pm 5\%$	30	400	0.28	0.450
YCNL322522 - R22J	0.220	$\pm 5\%$	30	350	0.32	0.450
YCNL322522 - R27J	0.270	$\pm 5\%$	30	320	0.36	0.450

※ 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

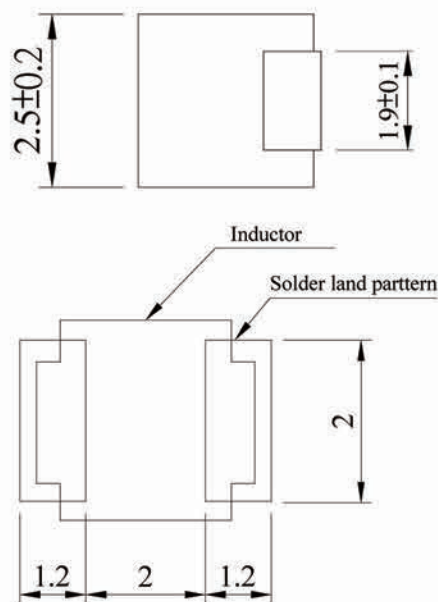
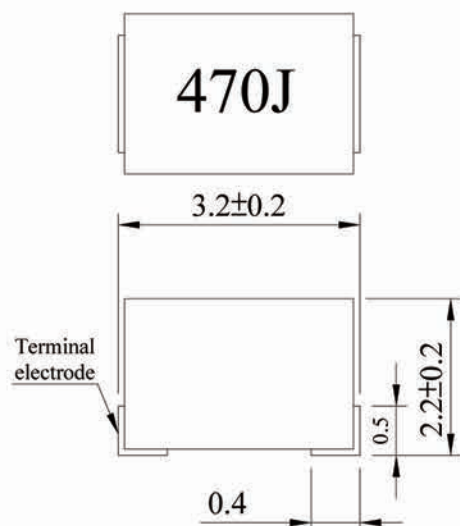
※ GENERAL SPECIFICATION:

- Operating temperature : $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
- Resistance to solder heat : $260^{\circ}\text{C} \cdot 10 \text{ SEC.}$
- Test Freq. : $0.01\mu\text{H} \sim 0.1\mu\text{H} - 100\text{MHz}$; $0.12\mu\text{H} \sim 0.82\mu\text{H} - 25.2\text{MHz}$; $1.0\mu\text{H} \sim 8.2\mu\text{H} - 7.96\text{MHz}$; $10\mu\text{H} \sim 82\mu\text{H} - 2.52\text{MHz}$; $100\mu\text{H} - 0.796\text{MHz}$



【 YCNL322522-SERIES 】

DIMENSIONS & RECOMMENDED



Unit: mm

SELECTION GUIDE FOR STANDARD COILS

YCNL322522 - R33J	0.330	± 5%	30	300	0.40	0.450
YCNL322522 - R39J	0.390	± 5%	30	250	0.45	0.450
YCNL322522 - R47J	0.470	± 5%	30	220	0.50	0.450
YCNL322522 - R56J	0.560	± 5%	30	180	0.55	0.450
YCNL322522 - R68J	0.680	± 5%	30	160	0.60	0.450
YCNL322522 - R82J	0.820	± 5%	30	140	0.65	0.450
YCNL322522 - 1R0J	1.000	± 5%	30	120	0.70	0.400
YCNL322522 - 1R2J	1.200	± 5%	30	100	0.75	0.390
YCNL322522 - 1R5J	1.500	± 5%	30	85	0.85	0.370
YCNL322522 - 1R8J	1.800	± 5%	30	80	0.90	0.350
YCNL322522 - 2R2J	2.200	± 5%	30	75	1.00	0.320
YCNL322522 - 2R7J	2.700	± 5%	30	70	1.10	0.290
YCNL322522 - 3R3J	3.300	± 5%	30	60	1.20	0.260
YCNL322522 - 3R9J	3.900	± 5%	30	55	1.30	0.250
YCNL322522 - 4R7J	4.700	± 5%	30	50	1.50	0.220
YCNL322522 - 5R6J	5.600	± 5%	30	45	1.60	0.200
YCNL322522 - 6R8J	6.800	± 5%	30	40	1.80	0.180
YCNL322522 - 8R2J	8.200	± 5%	30	35	2.00	0.170
YCNL322522 - 100J	10.000	± 5%	30	30	2.10	0.150
YCNL322522 - 120J	12.000	± 5%	30	20	2.50	0.140
YCNL322522 - 150J	15.000	± 5%	30	20	2.80	0.130
YCNL322522 - 180J	18.000	± 5%	30	20	3.30	0.120
YCNL322522 - 220J	22.000	± 5%	30	20	3.70	0.110
YCNL322522 - 270J	27.000	± 5%	30	20	5.00	0.080
YCNL322522 - 330J	33.000	± 5%	30	17	5.60	0.070
YCNL322522 - 390J	39.000	± 5%	30	16	6.40	0.065
YCNL322522 - 470J	47.000	± 5%	30	15	7.00	0.060
YCNL322522 - 560J	56.000	± 5%	30	13	8.00	0.055
YCNL322522 - 680J	68.000	± 5%	30	12	9.00	0.050
YCNL322522 - 820J	82.000	± 5%	30	11	10.00	0.045
YCNL322522 - 101J	100.000	± 5%	20	10	10.00	0.040
YCNL322522 - 121J	120.000	± 5%	20	10	11.00	0.070
YCNL322522 - 151J	150.000	± 5%	20	8	15.00	0.065
YCNL322522 - 181J	180.000	± 5%	20	7	17.00	0.060
YCNL322522 - 221J	220.000	± 5%	20	7	21.00	0.050
YCNL322522 - 271J	270.000	± 5%	20	6	28.00	0.045
YCNL322522 - 331J	330.000	± 5%	20	5	34.00	0.040
YCNL322522 - 391J	390.000	± 5%	20	5	36.00	0.035
YCNL322522 - 471J	470.000	± 5%	20	4	40.00	0.025

※ 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

※ GENERAL SPECIFICATION:

- Operating temperature : -40℃ ~ + 105℃
- Resistance to solder heat : 260℃ . 10 SEC.
- Test Freq. : 0.01μH-0.1μH - 100MHz ; 0.12μH-0.82μH - 25.2MHz ; 1.0μH-8.2μH - 7.96MHz ; 10μH-82μH - 2.52MHz ; 100μH - 0.796MHz