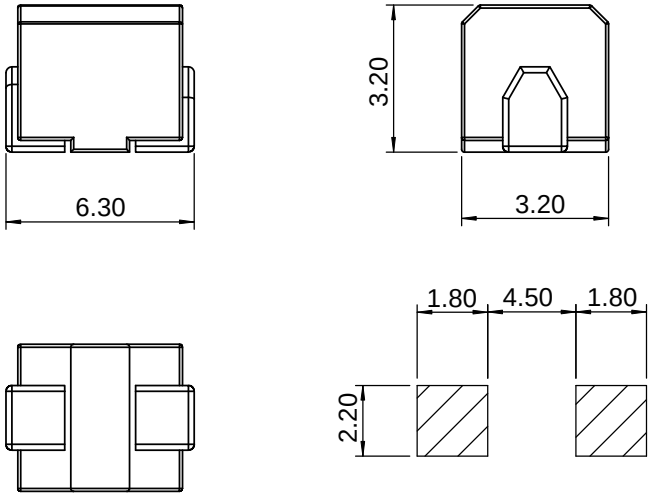
Part	L	Tol	Q Min.	SRF	RDC	IDC
	(μH)	%	(**MHz)	Min.	MAX	IN
				(MHz)	(Ω)	(mA)
NL2512T-R33	0.33 @25.2 MHz	M	40	350	0.08	1110
NL2512T-R39	0.39 @25.2 MHz	M	40	320	0.09	1000
NL2512T-R47	0.47 @25.2 MHz	M	40	300	0.1	1000
NL2512T-R56	0.56 @25.2 MHz	M	40	280	0.11	950
NL2512T-R68	0.68 @25.2 MHz	M	40	250	0.12	900
NL2512T-R82	0.82 @25.2 MHz	M	40	200	0.13	875
NL2512T-1R0	1.0 @25.2 MHz	K	40	180	0.15	815
NL2512T-1R2	1.2 @7.96 MHz	K	40	165	0.18	740
NL2512T-1R5	1.5 @7.96 MHz	K	45	150	0.2	700
NL2512T-1R8	1.8 @7.96 MHz	K	50	125	0.23	655
NL2512T-2R2	2.2 @7.96 MHz	K	50	85	0.25	630
NL2512T-2R7	2.7 @7.96 MHz	K	50	80	0.28	595
NL2512T-3R3	3.3 @7.96 MHz	K	50	75	0.3	575
NL2512T-3R9	3.9 @7.96 MHz	K	45	65	0.32	555
NL2512T-4R7	4.7 @7.96 MHz	K	45	45	0.35	530
NL2512T-5R6	5.6 @7.96 MHz	K	45	36	0.4	500
NL2512T-6R8	6.8 @7.96 MHz	K	40	30	0.45	470
NL2512T-8R2	8.2 @7.96 MHz	K	40	28	0.55	425
NL2512T-100	10 @7.96 MHz	K	40	22	0.72	370
NL2512T-120	12 @2.52 MHz	K	45	20	0.8	350
NL2512T-150	15 @2.52 MHz	K	50	16	0.88	335
NL2512T-180	18 @2.52 MHz	K	50	15	1	315
NL2512T-220	22 @2.52 MHz	K	50	13	1.2	285
NL2512T-270	27 @2.52 MHz	K	50	11	1.35	270
NL2512T-330	33 @2.52 MHz	K	50	10	1.5	255
NL2512T-390	39 @2.52 MHz	K	50	9.5	1.7	240
NL2512T-470	47 @2.52 MHz	K	60	8.5	2.3	205
NL2512T-560	56 @2.52 MHz	K	60	7.5	2.6	195
NL2512T-680	68 @2.52 MHz	K	60	6.5	3.2	185
NL2512T-820	82 @2.52 MHz	K	60	6	3.5	175
NL2512T-101	100 @2.52 MHz	K	60	5.5	3.8	165
NL2512T-121	120 @ 0.796 MHz	K	60	5.4	3.8	160
NL2512T-151	150 @ 0.796 MHz	K	60	4.75	4.4	150
NL2512T-181	180 @ 0.796 MHz	K	60	4.35	5	140
NL2512T-221	220 @ 0.796 MHz	K	60	4	5.7	130
NL2512T-271	270 @ 0.796 MHz	K	60	3.7	6.5	120
NL2512T-331	330 @ 0.796 MHz	K	60	3.4	9.5	100
NL2512T-391	390 @ 0.796 MHz	K	60	2.8	10.5	95
NL2512T-471	470 @ 0.796 MHz	K	60	2.55	11.6	90
NL2512T-561	560 @ 0.796 MHz	K	60	2.35	13	85
NL2512T-681	680 @ 0.796 MHz	K	60	2	18	75
NL2512T-821	820 @ 0.796 MHz	K	60	1.5	23	65
NL2512T-102	1000 @ 0.796 MHz	K	60	1.2	26	60

SPECIFICATION

TYPE = NL2512
CONSTRUCTION = MOULDED RESIN CHIP
TERIMAL COATING = SILVER/NICKEL PLATE
OPERATING TEMP. = -40 TO +85˚C
STORAGE TEMP = -55 TO +125˚C
INSULATION RESISTANCE = 100MOhm. 100V TERMINAL-CORE
DIELECTRIC STREGTH = 250Vac TERMINAL-CORE
HUMIDITY EFFECTS = L ±5 @ 95%RH, 40˚C, 1HR
Q ±5 @ 95%RH, 40˚C, 1HR
PACKAGING = 1500PCS/REEL
MARKING = 3CHARACTERS, VALUE

NOTE

TOLERANCES J=5%; K=10%.
** = TEST FREQUENCY AS SPECIFIED IN 'L' COLUMN



	NAME	DATE
DRAWN		
CHECKED		
ENG APPR.		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS
TOLERANCES:
ONE PLACE DECIMAL +/-0.3
TWO PLACE DECIMAL +/-0.13
ANGLE +/-1 DEGREE

MATERIAL --

FINISH --

DO NOT SCALE DRAWING

AIT COMPONENTS LTD
www.aitcomponents.com

TITLE:
NL2512 SERIES CHIP COIL

SIZE A | DWG. NO. NL2512 SERIES CHIP COIL | REV. 00
SCALE:1:1 | SHEET 1 OF 1