

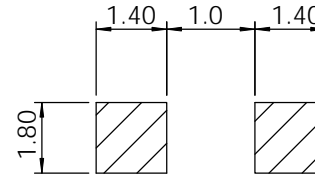
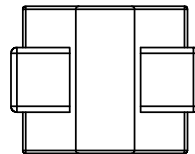
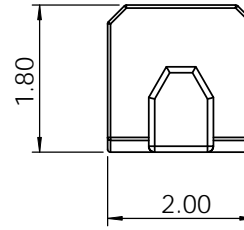
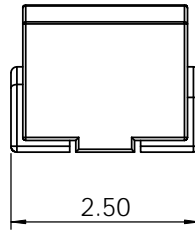
Part	L (μH)	Tol %	Q Min. (**MHz)	SRF Min. (MHz)	RDC MAX (Ω)	IDC IN (mA)
NL1008T-010	0.010 @100MHz	J,K	15	2150	0.26	530
NL1008T-012	0.012 @100MHz	J,K	15	2050	0.27	500
NL1008T-015	0.015 @100MHz	J,K	15	1850	0.29	480
NL1008T-018	0.018 @100MHz	J,K	15	1650	0.31	450
NL1008T-022	0.022 @100MHz	J,K	15	1550	0.37	420
NL1008T-027	0.027 @100MHz	J,K	15	1400	0.4	410
NL1008T-033	0.033 @100MHz	J,K	20	1250	0.42	400
NL1008T-039	0.039 @100MHz	J,K	20	1100	0.45	380
NL1008T-047	0.047 @100MHz	J,K	20	1050	0.5	360
NL1008T-056	0.056 @100MHz	J,K	20	950	0.6	340
NL1008T-068	0.068 @100MHz	J,K	20	900	0.65	320
NL1008T-082	0.082 @100MHz	J,K	25	850	0.75	300
NL1008T-R10	0.10 @100MHz	J,K	25	750	0.8	280
NL1008T-R12	0.12 @25.2MHz	J,K	30	700	0.3	550
NL1008T-R15	0.15 @25.2MHz	J,K	30	550	0.35	500
NL1008T-R18	0.18 @25.2MHz	J,K	30	500	0.4	460
NL1008T-R22	0.22 @25.2MHz	J,K	30	450	0.5	430
NL1008T-R27	0.27 @25.2MHz	J,K	30	420	0.55	420
NL1008T-R33	0.33 @25.2MHz	J,K	30	400	0.6	400
NL1008T-R39	0.39 @25.2MHz	J,K	30	370	0.65	375
NL1008T-R47	0.47 @25.2MHz	J,K	30	350	0.68	350
NL1008T-R56	0.56 @25.2MHz	J,K	30	320	0.75	325
NL1008T-R68	0.68 @25.2MHz	J,K	30	300	0.85	300
NL1008T-R82	0.82 @25.2MHz	J,K	30	260	1	260
NL1008T-1R0	1.0 @7.96MHz	J,K	30	240	1.1	245
NL1008T-1R2	1.2 @7.96MHz	J,K	30	230	1.2	230
NL1008T-1R5	1.5 @7.96MHz	J,K	30	180	1.3	220
NL1008T-1R8	1.8 @7.96MHz	J,K	30	130	1.45	210
NL1008T-2R2	2.2 @7.96MHz	J,K	30	100	1.55	200
NL1008T-2R7	2.7 @7.96MHz	J,K	30	70	1.7	195
NL1008T-3R3	3.3 @7.96MHz	J,K	30	55	1.9	185
NL1008T-3R9	3.9 @7.96MHz	J,K	30	48	2.1	180
NL1008T-4R7	4.7 @7.96MHz	J,K	30	43	2.3	175
NL1008T-5R6	5.6 @7.96MHz	J,K	25	42	2.5	170
NL1008T-6R8	6.8 @7.96MHz	J,K	25	39	2.7	165
NL1008T-8R2	8.2 @7.96MHz	J,K	25	36	3	160
NL1008T-100	10 @2.52MHz	J,K	25	33	3.5	155
NL1008T-120	12 @2.52MHz	J,K	25	30	3.8	150
NL1008T-150	15 @2.52MHz	J,K	25	26	4.4	140
NL1008T-180	18 @2.52MHz	J,K	25	24	4.8	130
NL1008T-220	22 @2.52MHz	J,K	25	22	5.5	125
NL1008T-270	27 @2.52MHz	J,K	25	21	6.3	115
NL1008T-330	33 @2.52MHz	J,K	25	20	7.1	110
NL1008T-390	39 @2.52MHz	J,K	20	18	9.5	90
NL1008T-470	47 @2.52MHz	J,K	20	17	11	80
NL1008T-560	56 @2.52MHz	J,K	20	16	12	75
NL1008T-680	68 @2.52MHz	J,K	20	15	17	70
NL1008T-820	82 @2.52MHz	J,K	20	13	19	65
NL1008T-101	100 @0.796MHz	J,K	15	12	21	60

SPECIFICATION

TYPE = NL1008
 CONSTRUCTION = MOULDED RESIN CHIP
 TERMINAL COATING = SILVER/NICKEL PLATE
 OPERATING TEMP. = -40 TO +85 °C
 STORAGE TEMP = -55 TO +125 °C
 INSULATION RESISTANCE = 100MΩm. 100V TERMINAL-CORE
 DIELECTRIC STRENGTH = 250Vac TERMINAL-CORE
 HUMIDITY EFFECTS = L±5 @ 95%RH, 40°C, 1HR
 Q±5 @ 95%RH, 40°C, 1HR
 PACKAGING = 2000PCS/REEL
 MARKING = 3CHARACTERS, VALUE

NOTE

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



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	DRAWN		
	CHECKED		
	ENG APPR		
MATERIAL	--	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES: ONE PLACE DECIMAL +/-0.3 TWO PLACE DECIMAL +/-0.13 ANGLE +/-1 DEGREE	
FINISH	--	DO NOT SCALE DRAWING	SIZE A DWG. NO. NL1008 SERIES CHIP COIL REV. 00
SCALE:1:1			SHEET 1 OF 1