

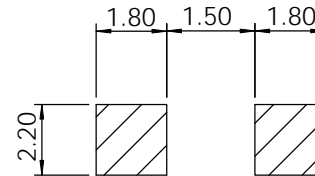
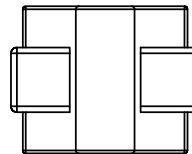
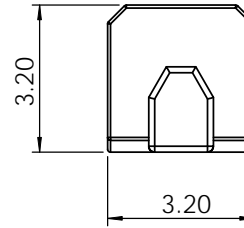
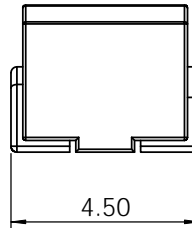
Part	L (μH)	Tol %	Q Min. (**MHz)	SRF Min. (MHz)	RDC MAX (Ω)	IDC IN (mA)
NL1812T-R10	0.10 @100MHz	K	30	700	0.44	450
NL1812T-R12	0.12 @25.2MHz	K	30	500	0.22	450
NL1812T-R15	0.15 @25.2MHz	K	30	450	0.25	450
NL1812T-R18	0.18 @25.2MHz	K	30	400	0.28	450
NL1812T-R22	0.22 @25.2MHz	K	30	350	0.32	450
NL1812T-R27	0.27 @25.2MHz	K	30	350	0.36	450
NL1812T-R33	0.33 @25.2MHz	K	30	300	0.4	450
NL1812T-R39	0.39 @25.2MHz	K	30	350	0.45	450
NL1812T-R47	0.47 @25.2MHz	K	30	250	0.5	450
NL1812T-R56	0.56 @25.2MHz	K	30	180	0.55	450
NL1812T-R68	0.68 @25.2MHz	K	30	160	0.6	450
NL1812T-R82	0.82 @25.2MHz	K	30	140	0.67	450
NL1812T-1R0	1.0 @7.96MHz	K	50	100	0.5	450
NL1812T-1R2	1.2 @7.96MHz	K	50	80	0.55	430
NL1812T-1R5	1.5 @7.96MHz	K	50	70	0.6	410
NL1812T-1R8	1.8 @7.96MHz	K	50	60	0.65	390
NL1812T-2R2	2.2 @7.96MHz	K	50	55	0.7	380
NL1812T-2R7	2.7 @7.96MHz	K	50	50	0.75	310
NL1812T-3R3	3.3 @7.96MHz	K	50	45	0.8	355
NL1812T-3R9	3.9 @7.96MHz	K	50	40	0.9	330
NL1812T-4R7	4.7 @7.96MHz	K	50	35	1	315
NL1812T-5R6	5.6 @7.96MHz	K	50	33	1.1	300
NL1812T-6R8	6.8 @7.96MHz	K	50	27	1.2	285
NL1812T-8R2	8.2 @7.96MHz	K	50	25	1.4	270
NL1812T-100	10 @2.52MHz	K	50	50	1.6	250
NL1812T-120	12 @2.52MHz	K	50	18	2	225
NL1812T-150	15 @2.52MHz	K	50	17	2.5	500
NL1812T-180	18 @2.52MHz	K	50	15	2.8	190
NL1812T-220	22 @2.52MHz	K	50	13	3.2	180
NL1812T-270	27 @2.52MHz	K	50	12	3.6	170
NL1812T-330	33 @2.52MHz	K	50	11	4	160
NL1812T-390	39 @2.52MHz	K	50	10	4.5	150
NL1812T-470	47 @2.52MHz	K	50	10	5	140
NL1812T-560	56 @2.52MHz	K	50	9	5.5	135
NL1812T-680	68 @2.52MHz	K	50	9	6	130
NL1812T-820	82 @2.52MHz	K	50	8	7.5	150
NL1812T-101	100 @0.796MHz	K	40	7	8	110
NL1812T-121	150 @0.796MHz	K	40	6	8	110
NL1812T-151	150 @0.796MHz	K	40	5	9.5	105
NL1812T-181	180 @0.796MHz	K	40	5	9.5	102
NL1812T-221	250 @0.796MHz	K	40	4	10	100
NL1812T-271	270 @0.796MHz	K	30	4	12	92
NL1812T-331	330 @0.796MHz	K	30	3.5	14	85
NL1812T-391	390 @0.796MHz	K	30	3	16	80
NL1812T-471	470 @0.796MHz	K	30	3	26	62
NL1812T-561	560 @0.796MHz	K	30	3	30	50
NL1812T-681	680 @0.796MHz	K	30	3	40	50
NL1812T-821	820 @0.796MHz	K	30	2	45	30
NL1812T-102	1000 @0.796MHz	K	30	2	50	30

SPECIFICATION

TYPE = NL1812  
 CONSTRUCTION = MOULDED RESIN CHIP  
 TERMINAL COATING = SILVER/NICKEL PLATE  
 OPERATING TEMP. = -40 TO +85 °C  
 STORAGE TEMP = -55 TO +125 °C  
 INSULATION RESISTANCE = 100MOhm. 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 = 500PCS/REEL  
 MARKING = 3CHARACTERS, VALUE

NOTE

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



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	DRAWN		
	CHECKED		
	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 <b>A</b> DWG. NO. NL1812 SERIES CHIP COIL REV. <b>00</b>
SCALE:1:1			SHEET 1 OF 1