

# LCNI008T Series

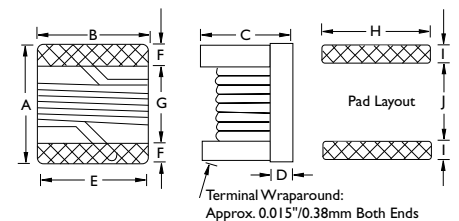
## High Frequency Chip Inductor

PART NO.	Inductance nH	Test Freq. MHz	Q Min.	Test Freq. MHz	SRF Min. MHz	RDC Max.Ω	IDC Max.mA
LCN0805T-3N3□-S	3.3±20%, 10%	100	50	1000	6000	0.06	600
LCN0805T-6N8□-S	6.8±20%, 10%	100	50	1000	5500	0.06	600
LCN0805T-8N2□-S	8.2±20%, 10%	100	50	1000	5500	0.06	600
LCNI008T-10N□-S	10±20%, 10%	50	50	500	4100	0.08	1000
LCNI008T-12N□-S	12±20%, 10%	50	50	500	3300	0.09	1000
LCNI008T-15N□-S	15±20%, 10%	50	50	500	2500	0.10	1000
LCNI008T-18N□-S	18±20%, 10%	50	50	350	2500	0.11	1000
LCNI008T-22N□-S	22±20%, 10%	50	55	350	2400	0.12	1000
LCNI008T-27N□-S	27±20%, 10%	50	55	350	1600	0.13	1000
LCNI008T-33N□-S	33±20%, 10%	50	60	350	1600	0.14	1000
LCNI008T-39N□-S	39±20%, 10%	50	60	350	1500	0.15	1000
LCNI008T-47N□-S	47±20%, 10%	50	65	350	1500	0.16	1000
LCNI008T-56N□-S	56±10%, 5%	50	65	350	1300	0.18	1000
LCNI008T-68N□-S	68±10%, 5%	50	65	350	1300	0.20	1000
LCNI008T-82N□-S	82±10%, 5%	50	60	350	1000	0.22	1000
LCNI008T-R10N□-S	100±10%, 5%	25	60	350	1000	0.56	650
LCNI008T-R12N□-S	120±10%, 5%	25	60	350	950	0.63	650
LCNI008T-R15N□-S	150±10%, 5%	25	45	100	850	0.70	580
LCNI008T-R18N□-S	180±10%, 5%	25	45	100	750	0.77	620
LCNI008T-R22N□-S	220±10%, 5%	25	45	100	700	0.84	500
LCNI008T-R27N□-S	270±10%, 5%	25	45	100	600	0.91	500
LCNI008T-R33N□-S	330±10%, 5%	25	45	100	570	1.05	450
LCNI008T-R39N□-S	390±10%, 5%	25	45	100	500	1.12	470
LCNI008T-R47N□-S	470±10%, 5%	25	45	100	450	1.19	470
LCNI008T-R56N□-S	560±10%, 5%	25	45	100	410	1.33	400
LCNI008T-R62N□-S	620±10%, 5%	25	45	100	375	1.40	300
LCNI008T-R68N□-S	680±10%, 5%	25	45	100	375	1.40	400
LCNI008T-R75N□-S	750±10%, 5%	25	45	100	360	1.54	360
LCNI008T-R82N□-S	820±10%, 5%	25	45	100	350	1.61	400
LCNI008T-IR0□-S	1000±10%, 5%	25	35	50	320	1.65	370
LCNI008T-IR2□-S	1200±10%, 5%	7.9	35	50	280	1.90	310
LCNI008T-IR5□-S	1500±10%, 5%	7.9	35	50	250	2.20	300
LCNI008T-IR8□-S	1800±10%, 5%	7.9	35	50	200	2.45	300
LCNI008T-2R2□-S	2200±10%, 5%	7.9	35	50	160	2.70	280
LCNI008T-2R7□-S	2700±10%, 5%	7.9	25	25	130	3.10	280
LCNI008T-3R3□-S	3300±10%, 5%	7.9	25	25	110	3.30	280

## SHAPES AND DIMENSIONS

UNIT	A	B	C	D	E	F	G	H	I	J
	Max.	Max.	Max.	Ref.						
in	0.115	0.11	0.08	0.02	0.08	0.02	0.06	0.10	0.04	0.05
mm	2.92	2.79	2.10	0.51	2.03	0.51	1.52	2.54	1.02	1.27

Dimensions : mm



"LCN" series chip inductors have been designed especially for the needs of today's high frequency designer.

Their ceramic construction delivers the highest possible SRFs as well as excellent Q values.

The non-magnetic coil form also assures the utmost in thermal stability, predictability and batch consistency.