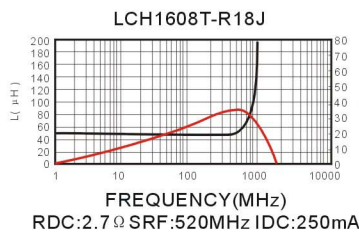
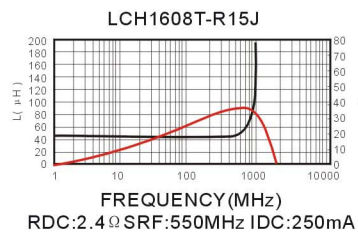
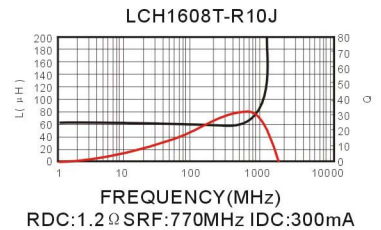
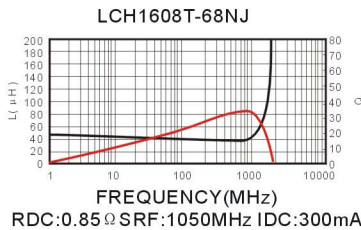
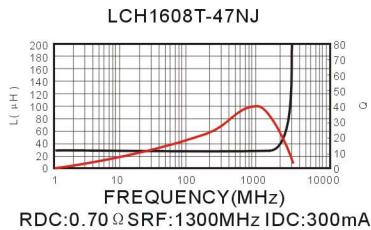
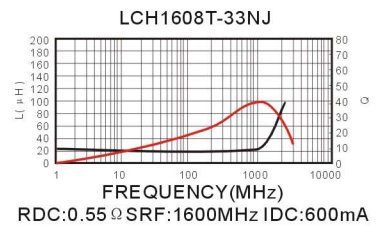
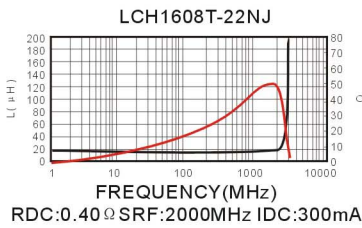
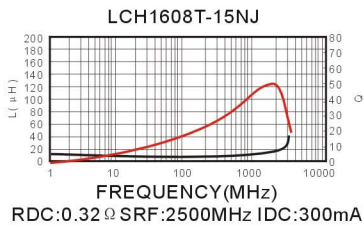


Multilayer Chip Inductors-LCH Series



Electrical Characteristics

Part Number	Inductance (nH) at 100MHz	Tolerance	Q min.		Q Typical			SRF (MHz) Typical	DC Resistance (Ω)Max.	IDC (mA) Max.
			AT 50MHz	100MHz	50 MHz	100 MHz	800 MHz			
LCH2012T-1N0S	1.0	S	10		13	40		>6000	0.10	300
LCH2012T-1N2S	1.2	S	10		13	40		>6000	0.10	300
LCH2012T-1N5S	1.5	S	10		13	40		>6000	0.10	300
LCH2012T-1N8S	1.8	S	10		13	45		>6000	0.10	300
LCH2012T-2N2S	2.2	S	10		13	48		>6000	0.10	300
LCH2012T-2N7S	2.7	S	12		13	48		>6000	0.10	300
LCH2012T-3N3□	3.3	S/K	12		15	56		>6000	0.13	300
LCH2012T-3N9□	3.9	S/K	12		15	54		5400	0.15	300
LCH2012T-4N7□	4.7	S/K	12		15	50		4500	0.20	300
LCH2012T-5N6□	5.6	S/K	12		15	53		4000	0.23	300
LCH2012T-6N8□	6.8	J/K	15		15	51		3650	0.25	300
LCH2012T-8N2□	8.2	J/K	15		15	53		3000	0.28	300
LCH2012T-10N□	10	J/K	15		16	45		2500	0.30	300
LCH2012T-12N□	12	J/K	15		16	48		2450	0.35	300
LCH2012T-15N□	15	J/K	15		17	48		2000	0.40	300
LCH2012T-18N□	18	J/K	15		17	43		1750	0.45	300
LCH2012T-22N□	22	J/K	15		17	40		1700	0.50	300
LCH2012T-27N□	27	J/K	15		18	38		1550	0.55	300
LCH2012T-33N□	33	J/K	15		19	35		1350	0.60	300
LCH2012T-39N□	39	J/K	15		21	37		1300	0.65	300
LCH2012T-47N□	47	J/K	18		21	38		1200	0.70	300
LCH2012T-56N□	56	J/K	18		21	31		1150	0.75	300
LCH2012T-68N□	68	J/K	18		21	28		1000	0.80	300
LCH2012T-82N□	82	J/K	18		22	16		850	9.00	300
LCH2012T-R10□	100	J/K	18		23			730	1.00	300
LCH2012T-R12□	* 120	J/K	13		16	22		650	1.20	300
LCH2012T-R15□	* 150	J/K	13		16	22		550	1.40	300
LCH2012T-R18□	* 180	J/K	13		16	23		500	1.80	300
LCH2012T-R22□	* 220	J/K	12		14	20		450	2.00	300
LCH2012T-R27□	* 270	J/K	12		14	20		400	2.50	200
LCH2012T-R33□	* 330	J/K	12		14	22		380	3.00	200

- * at 50MHz
- Tolerance: □: S=±0.3nH J=±5% K=±10%

- Test Conditions: Agilent E4991A Agilent 16197A
SRF: HP8753D
RDC: HP4338B/CH502BC