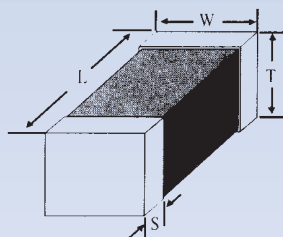


Multilayer Chip

Surface Mount

ADLL2012 Series

ADLL2012


SPECIFICATIONS

SIZE		LENGTH (L) (inch) mm	WIDTH (W) (inch) mm	THICKNESS (T) (inch) mm	TERMINAL (S) (inch) mm
ADLL2012	0805	(2.00 ± 0.20) .079 ± .008	(1.20 ± 0.20) .047 ± .008	(0.85 ± 0.20) .033 ± .008	(0.50 ± 0.30) .020 ± .012

STANDARD SPECIFICATIONS

PACKAGE TYPE	INDUCTANCE (nH)	Q min.	L/Q FREQ. (MHz)	RDC max. (Ω)	S.R.F. Typ. (MHz)	IDC max. (mA)	QTY/REEL (pcs)
ADLL2012 1N2 □	1.2 ± 0.3	10	100	0.10	>6000	300	4,000
ADLL2012 1N5 □	1.5 ± 0.3	10	100	0.10	>6000	300	4,000
ADLL2012 1N8 □	1.8 ± 0.3	10	100	0.10	>6000	300	4,000
ADLL2012 2N2 □	2.2 ± 0.3	10	100	0.10	>6000	300	4,000
ADLL2012 2N7 □	2.7 ± 0.3	12	100	0.12	>6000	300	4,000
ADLL2012 3N3 □	3.3 ± 0.3 or ±10%	12	100	0.13	>6000	300	4,000
ADLL2012 3N9 □	3.9 ± 0.3 or ±10%	12	100	0.15	5600	300	4,000
ADLL2012 4N7 □	4.7 ± 0.3 or ±10%	12	100	0.20	5500	300	4,000
ADLL2012 5N6 □	5.6 ± 0.3 or ±10%	12	100	0.23	4700	300	4,000
ADLL2012 6N8 □	5.8 ± 5% or ±10%	15	100	0.25	3900	300	4,000
ADLL2012 8N2 □	8.2 ± 5% or ±10%	15	100	0.28	3200	300	4,000
ADLL2012 10N □	10 ± 5% or ±10%	15	100	0.30	3100	300	4,000
ADLL2012 12N □	12 ± 5% or ±10%	15	100	0.35	2800	300	4,000
ADLL2012 15N □	15 ± 5% or ±10%	15	100	0.40	2400	300	4,000
ADLL2012 18N □	18 ± 5% or ±10%	15	100	0.45	2100	300	4,000
ADLL2012 22N □	22 ± 5% or ±10%	15	100	0.50	2000	300	4,000
ADLL2012 27N □	27 ± 5% or ±10%	15	100	0.55	1800	300	4,000
ADLL2012 33N □	33 ± 5% or ±10%	15	100	0.60	1700	300	4,000
ADLL2012 39N □	39 ± 5% or ±10%	18	100	0.65	1400	300	4,000
ADLL2012 47N □	47 ± 5% or ±10%	18	100	0.70	1200	300	4,000
ADLL2012 56N □	56 ± 5% or ±10%	18	100	0.75	1000	300	4,000
ADLL2012 68N □	68 ± 5% or ±10%	18	100	0.80	900	300	4,000
ADLL2012 82N □	82 ± 5% or ±10%	18	100	0.85	900	300	4,000
ADLL2012 R10 □	100 ± 5% or ±10%	18	100	0.90	700	300	4,000
ADLL2012 R12 □	120 ± 5% or ±10%	13	50	0.95	600	300	4,000
ADLL2012 R15 □	150 ± 5% or ±10%	13	50	1.00	500	300	4,000
ADLL2012 R18 □	180 ± 5% or ±10%	13	50	1.10	430	300	4,000
ADLL2012 R22 □	220 ± 5% or ±10%	12	50	1.20	400	300	4,000
ADLL2012 R27 □	270 ± 5% or ±10%	12	50	1.30	340	300	4,000
ADLL2012 R33 □	330 ± 5% or ±10%	12	50	1.50	320	300	4,000
ADLL2012 R39 □	390 ± 5% or ±10%	10	50	1.60	270	300	4,000
ADLL2012 R47 □	470 ± 5% or ±10%	10	50	1.80	250	300	4,000
ADLL2012 R56 □	560 ± 5% or ±10%	10	50	2.50	230	300	4,000
ADLL2012 R68 □	680 ± 5% or ±10%	10	50	3.00	180	300	4,000

Operating Temperature Range: -40°C to +100°C.

Storage Temperature Range: -55°C to +100°C.

Testing Method: L and Q: HP 4291B (+16192A), S.R.F. (Self Resonant Frequency): HP 8722D, RDC (DC Resistance): HP 4338B, IDC (Rated Current): HP 4284A.

OSC

VCXO
VCOTCXO
VCTCXO

FLTR

RES

IND

INDUCTORS

113