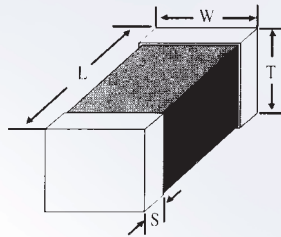


Multilayer Chip

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	(0.079 ± .008) 2.00 ± 0.20	(0.047 ± .008) 1.20 ± 0.20	(0.033 ± .008) 0.85 ± 0.20	(0.020 ± .012) 0.50 ± 0.30

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

XTAL

OSC

VCXO
VCO

TCXO
VCTCXO

FLTR

RES

IND

INDUCTORS

