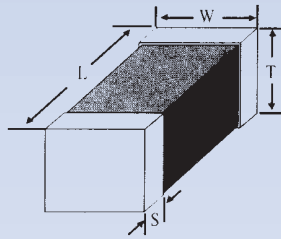


# Multilayer Chip

Surface Mount

ADLL1005 Series

**ADLL1005**



## SPECIFICATIONS

SIZE		LENGTH (L) (inch) mm	WIDTH (W) (inch) mm	THICKNESS (T) (inch) mm	TERMINAL (S) (inch) mm
ADLL1005	0402	(1.0 ± 0.10) .040 ± 0.004	(0.50 ± 0.10) .020 ± .004	(0.50 ± 0.10) .020 ± .004	(0.23 ± 0.10) .0092 ± .004

## 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)
ADLL1005 1N0 □	1.0 ±0.3	8	100	0.12	>15000	300	10,000
ADLL1005 1N2 □	1.2 ±0.3	8	100	0.12	>15000	300	10,000
ADLL1005 1N5 □	1.5 ±0.3	8	100	0.13	>15000	300	10,000
ADLL1005 1N8 □	1.8 ±0.3	8	100	0.14	14000	300	10,000
ADLL1005 2N2 □	2.2 ±0.3	8	100	0.16	12000	300	10,000
ADLL1005 2N7 □	2.7 ±0.3	8	100	0.17	9500	300	10,000
ADLL1005 3N3 □	3.3 ±0.3 or ±10%	8	100	0.19	8500	300	10,000
ADLL1005 3N9 □	3.9 ±0.3 or ±10%	8	100	0.22	7000	300	10,000
ADLL1005 4N7 □	4.7 ±0.3 or ±10%	8	100	0.24	6000	300	10,000
ADLL1005 5N6 □	5.6 ±0.3 or ±10%	8	100	0.27	5400	300	10,000
ADLL1005 6N8 □	6.8 ±5% or ±10%	8	100	0.32	5000	250	10,000
ADLL1005 8N2 □	8.2 ±5% or ±10%	8	100	0.40	4600	250	10,000
ADLL1005 10N □	10 ±5% or ±10%	8	100	0.45	3700	250	10,000
ADLL1005 12N □	12 ±5% or ±10%	8	100	0.50	3200	250	10,000
ADLL1005 15N □	15 ±5% or ±10%	8	100	0.60	3100	250	10,000
ADLL1005 18N □	18 ±5% or ±10%	8	100	0.65	2900	200	10,000
ADLL1005 22N □	22 ±5% or ±10%	8	100	0.80	2100	200	10,000
ADLL1005 27N □	27 ±5% or ±10%	8	100	0.90	1900	200	10,000
ADLL1005 33N □	33 ±5% or ±10%	8	100	1.00	1600	200	10,000
ADLL1005 39N □	39 ±5% or ±10%	8	100	1.20	1400	150	10,000
ADLL1005 47N □	47 ±5% or ±10%	8	100	1.30	1200	150	10,000
ADLL1005 56N □	56 ±5% or ±10%	8	100	2.00	1100	150	10,000
ADLL1005 68N □	68 ±5% or ±10%	8	100	2.20	1000	100	10,000
ADLL1005 82N □	82 ±5% or ±10%	8	100	2.50	900	100	10,000
ADLL1005 R10 □	100 ±5% or ±10%	8	100	2.50	850	100	10,000

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