

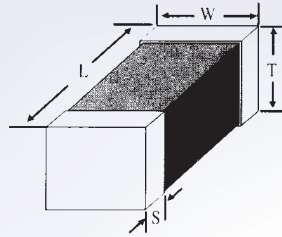
# Multilayer Chip

Surface Mount

ADLL1608 Series



**ADLL1608**



## SPECIFICATIONS

SIZE		LENGTH (L) (inch) mm	WIDTH (W) (inch) mm	THICKNESS (T) (inch) mm	TERMINAL (S) (inch) mm
ADLL1608	0603	(0.063 ± .006) 1.60 ± 0.15	(0.031 ± .006) 0.80 ± 0.15	(0.031 ± .006) 0.80 ± 0.15	(0.012 ± .008) 0.30 ± 0.20

## 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)
ADLL1608 1N0 □ - T	1.0 ±0.3	8	100	0.10	>17000	300	4,000
ADLL1608 1N2 □ - T	1.2 ±0.3	8	100	0.10	>17000	300	4,000
ADLL1608 1N5 □ - T	1.5 ±0.3	8	100	0.10	>17000	300	4,000
ADLL1608 1N8 □ - T	1.8 ±0.3	8	100	0.15	13000	300	4,000
ADLL1608 2N2 □ - T	2.2 ±0.3	8	100	0.15	12000	300	4,000
ADLL1608 2N7 □ - T	2.7 ±0.3	8	100	0.20	8600	300	4,000
ADLL1608 3N3 □ - T	3.3 ±0.3 or ±10%	8	100	0.25	6500	300	4,000
ADLL1608 3N9 □ - T	3.9 ±0.3 or ±10%	8	100	0.25	6300	300	4,000
ADLL1608 4N7 □ - T	4.7 ±0.3 or ±10%	8	100	0.30	5400	300	4,000
ADLL1608 5N6 □ - T	5.6 ±0.3 or ±10%	8	100	0.30	4600	300	4,000
ADLL1608 6N8 □ - T	6.8 ±5% or ±10%	8	100	0.35	4500	300	4,000
ADLL1608 8N2 □ - T	8.2 ±5% or ±10%	8	100	0.40	3800	300	4,000
ADLL1608 10N □ - T	10 ±5% or ±10%	8	100	0.45	3700	300	4,000
ADLL1608 12N □ - T	12 ±5% or ±10%	8	100	0.50	3200	300	4,000
ADLL1608 15N □ - T	15 ±5% or ±10%	8	100	0.55	2900	300	4,000
ADLL1608 18N □ - T	18 ±5% or ±10%	10	100	0.60	2100	300	4,000
ADLL1608 22N □ - T	22 ±5% or ±10%	10	100	0.65	2100	300	4,000
ADLL1608 27N □ - T	27 ±5% or ±10%	10	100	0.70	2000	300	4,000
ADLL1608 33N □ - T	33 ±5% or ±10%	10	100	0.80	1600	300	4,000
ADLL1608 39N □ - T	39 ±5% or ±10%	10	100	0.85	1500	300	4,000
ADLL1608 47N □ - T	47 ±5% or ±10%	12	100	1.00	1200	300	4,000
ADLL1608 56N □ - T	56 ±5% or ±10%	12	100	1.10	1100	300	4,000
ADLL1608 68N □ - T	68 ±5% or ±10%	12	100	1.20	1000	300	4,000
ADLL1608 82N □ - T	82 ±5% or ±10%	12	100	1.80	850	300	4,000
ADLL1608 R10 □ - T	100 ±5% or ±10%	12	100	2.00	750	300	4,000
ADLL1608 R12 □ - T	120 ±5% or ±10%	8	50	2.30	700	300	4,000
ADLL1608 R15 □ - T	150 ±5% or ±10%	8	50	2.40	650	300	4,000
ADLL1608 R18 □ - T	180 ±5% or ±10%	8	50	2.70	550	300	4,000
ADLL1608 R22 □ - T	220 ±5% or ±10%	8	50	2.80	450	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.