

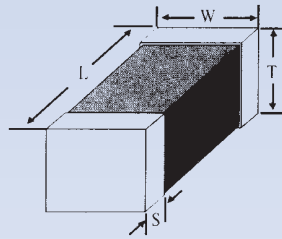
Multilayer Chip

Surface Mount

ADLLI608 Series



ADLLI608



SPECIFICATIONS

| SIZE | | LENGTH (L) (inch) mm | WIDTH (W) (inch) mm | THICKNESS (T) (inch) mm | TERMINAL (S) (inch) mm |
|----------|------|------------------------------|------------------------------|-------------------------------|------------------------------|
| ADLLI608 | 0603 | (1.60 ± 0.15) .063 ± .006 | (0.80 ± 0.15) .031 ± .006 | (0.80 ± 0.15) .031 ± .006 | (0.30 ± 0.20) .012 ± .008 |

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) |
|----------------|--------------------|-----------|--------------------|-----------------|----------------------|------------------|-------------------|
| ADLLI608 1N0 □ | 1.0 ±0.3 | 8 | 100 | 0.10 | >17000 | 300 | 4,000 |
| ADLLI608 1N2 □ | 1.2 ±0.3 | 8 | 100 | 0.10 | >17000 | 300 | 4,000 |
| ADLLI608 1N5 □ | 1.5 ±0.3 | 8 | 100 | 0.10 | >17000 | 300 | 4,000 |
| ADLLI608 1N8 □ | 1.8 ±0.3 | 8 | 100 | 0.15 | 13000 | 300 | 4,000 |
| ADLLI608 2N2 □ | 2.2 ±0.3 | 8 | 100 | 0.15 | 12000 | 300 | 4,000 |
| ADLLI608 2N7 □ | 2.7 ±0.3 | 8 | 100 | 0.20 | 8600 | 300 | 4,000 |
| ADLLI608 3N3 □ | 3.3 ±0.3 or ±10% | 8 | 100 | 0.25 | 6500 | 300 | 4,000 |
| ADLLI608 3N9 □ | 3.9 ±0.3 or ±10% | 8 | 100 | 0.25 | 6300 | 300 | 4,000 |
| ADLLI608 4N7 □ | 4.7 ±0.3 or ±10% | 8 | 100 | 0.30 | 5400 | 300 | 4,000 |
| ADLLI608 5N6 □ | 5.6 ±0.3 or ±10% | 8 | 100 | 0.30 | 4600 | 300 | 4,000 |
| ADLLI608 6N8 □ | 6.8 ±5% or ±10% | 8 | 100 | 0.35 | 4500 | 300 | 4,000 |
| ADLLI608 8N2 □ | 8.2 ±5% or ±10% | 8 | 100 | 0.40 | 3800 | 300 | 4,000 |
| ADLLI608 10N □ | 10 ±5% or ±10% | 8 | 100 | 0.45 | 3700 | 300 | 4,000 |
| ADLLI608 12N □ | 12 ±5% or ±10% | 8 | 100 | 0.50 | 3200 | 300 | 4,000 |
| ADLLI608 15N □ | 15 ±5% or ±10% | 8 | 100 | 0.55 | 2900 | 300 | 4,000 |
| ADLLI608 18N □ | 18 ±5% or ±10% | 10 | 100 | 0.60 | 2100 | 300 | 4,000 |
| ADLLI608 22N □ | 22 ±5% or ±10% | 10 | 100 | 0.65 | 2100 | 300 | 4,000 |
| ADLLI608 27N □ | 27 ±5% or ±10% | 10 | 100 | 0.70 | 2000 | 300 | 4,000 |
| ADLLI608 33N □ | 33 ±5% or ±10% | 10 | 100 | 0.80 | 1600 | 300 | 4,000 |
| ADLLI608 39N □ | 39 ±5% or ±10% | 10 | 100 | 0.85 | 1500 | 300 | 4,000 |
| ADLLI608 47N □ | 47 ±5% or ±10% | 12 | 100 | 1.00 | 1200 | 300 | 4,000 |
| ADLLI608 56N □ | 56 ±5% or ±10% | 12 | 100 | 1.10 | 1100 | 300 | 4,000 |
| ADLLI608 68N □ | 68 ±5% or ±10% | 12 | 100 | 1.20 | 1000 | 300 | 4,000 |
| ADLLI608 82N □ | 82 ±5% or ±10% | 12 | 100 | 1.80 | 850 | 300 | 4,000 |
| ADLLI608 R10 □ | 100 ±5% or ±10% | 12 | 100 | 2.00 | 750 | 300 | 4,000 |
| ADLLI608 R12 □ | 120 ±5% or ±10% | 8 | 50 | 2.30 | 700 | 300 | 4,000 |
| ADLLI608 R15 □ | 150 ±5% or ±10% | 8 | 50 | 2.40 | 650 | 300 | 4,000 |
| ADLLI608 R18 □ | 180 ±5% or ±10% | 8 | 50 | 2.70 | 550 | 300 | 4,000 |
| ADLLI608 R22 □ | 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.