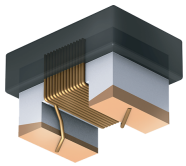
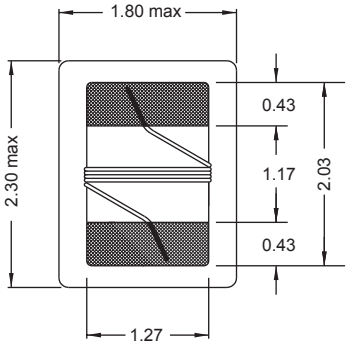
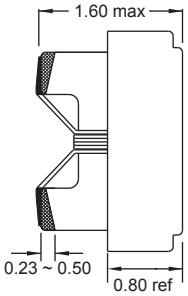
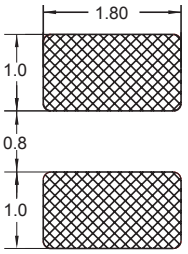
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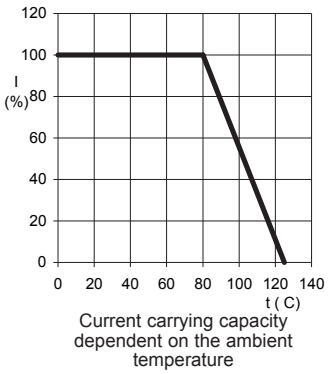
**Engineer's Kit : EK-0805AQ-X**

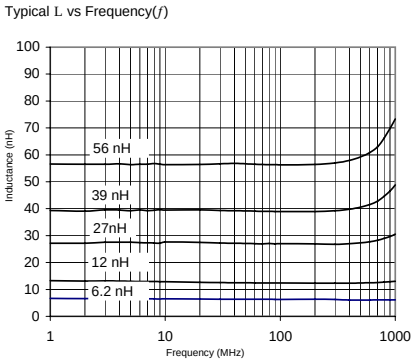


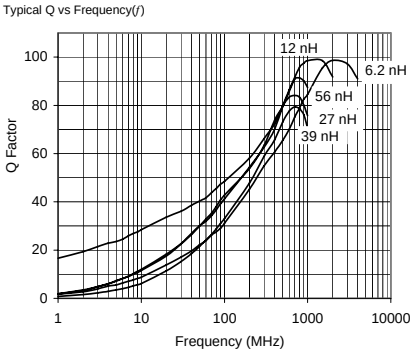



| Part No | Inductance L (nH) | $f_L$ (MHz) | Tol ± (%) | Q min | $f_Q$ (MHz) | SRF min (MHz) | DCR max (Ω) | Rated DC Current (mA) |
|---|---|---|---|---|---|---|---|---|
| 0805AQ-2N5K-01 | 2.5 | 250 | 10 | 80 | 1500 | >6000 | 0.020 | 1600 |
| 0805AQ-2N7K-01 | 2.7 | 250 | 10 | 67 | 1500 | >6000 | 0.020 | 1600 |
| 0805AQ-5N6K-01 | 5.6 | 250 | 10 | 98 | 1500 | >6000 | 0.035 | 1600 |
| 0805AQ-6N2K-01 | 6.2 | 250 | 10 | 88 | 1000 | 4750 | 0.035 | 1600 |
| 0805AQ-8N7K-01 | 8.7 | 250 | 10 | 50 | 1000 | 5300 | 0.045 | 1600 |
| 0805AQ-011J-01 | 11 | 250 | 5 | 83 | 1000 | 3000 | 0.060 | 1600 |
| 0805AQ-012J-01 | 12 | 250 | 5 | 80 | 1000 | 3000 | 0.045 | 1600 |
| 0805AQ-016J-01 | 16 | 250 | 5 | 78 | 500 | 2950 | 0.060 | 1500 |
| 0805AQ-018J-01 | 18 | 250 | 5 | 76 | 500 | 2550 | 0.060 | 1400 |
| 0805AQ-020J-01 | 20 | 250 | 5 | 74 | 500 | 2050 | 0.055 | 1400 |
| 0805AQ-022J-01 | 22 | 250 | 5 | 60 | 500 | 2050 | 0.070 | 1400 |
| 0805AQ-027J-01 | 27 | 250 | 5 | 75 | 500 | 2000 | 0.070 | 1300 |
| 0805AQ-030J-01 | 30 | 250 | 5 | 69 | 500 | 1950 | 0.095 | 1200 |
| 0805AQ-039J-01 | 39 | 250 | 5 | 74 | 500 | 1600 | 0.110 | 1100 |
| 0805AQ-047J-01 | 47 | 200 | 5 | 85 | 500 | 1400 | 0.095 | 1200 |
| 0805AQ-048J-01 | 48 | 200 | 5 | 71 | 500 | 1400 | 0.095 | 1200 |
| 0805AQ-051J-01 | 51 | 200 | 5 | 65 | 500 | 1400 | 0.120 | 1000 |
| 0805AQ-056J-01 | 56 | 200 | 5 | 75 | 500 | 1400 | 0.120 | 1000 |

**Material :** Ceramic

**SPQ :** Reel 2500 [-01]
7500 [-04]

**Remark:** - For not listed inductance values please check availability with us.
- 2% and 5% available on request.

● All dimensions in mm