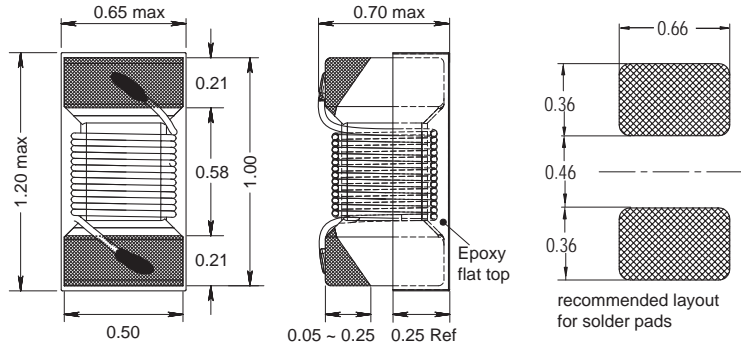
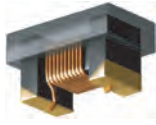


0402F

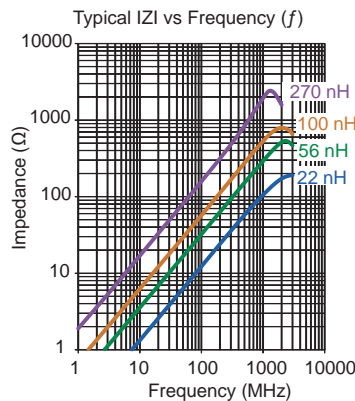
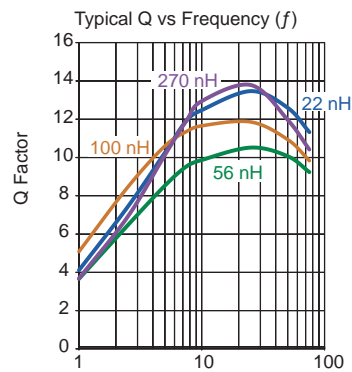
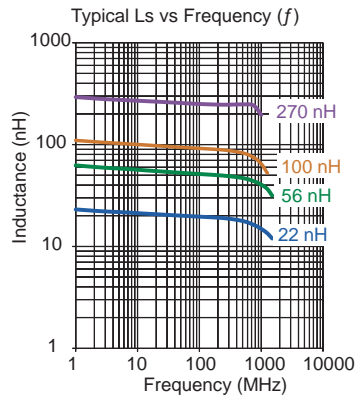
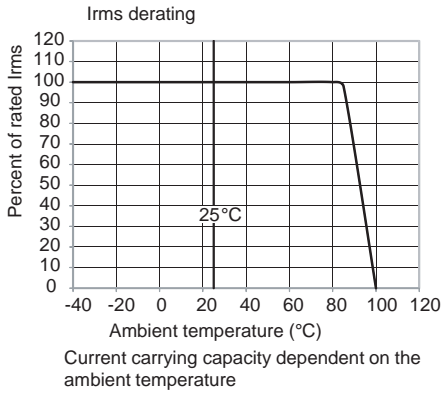


Engineer's Kit : EK-0402F-X



Wire wound - open

Chip Inductors for RF Applications



Single layer (typ)

| Part No | Inductance L (nH) | f _L (MHz) | Tol ± (%) | Z _{typ} (Ω) | f _z (MHz) | SRF typ (MHz) | DCR max (Ω) | Rated DC Current (A) |
|---------------|----------------------|-------------------------|--------------|-------------------------|-------------------------|---------------------|-------------------|----------------------------|
| 0402F-020K-YY | 20 | 7.9 | 10 | 75 | 900 | 2580 | 0.040 | 1.600 |
| 0402F-022K-YY | 22 | 7.9 | 10 | 85 | 900 | 2500 | 0.060 | 1.600 |
| 0402F-033K-YY | 33 | 7.9 | 10 | 130 | 900 | 2300 | 0.065 | 1.400 |
| 0402F-036K-YY | 36 | 7.9 | 10 | 140 | 900 | 2300 | 0.075 | 1.400 |
| 0402F-051K-YY | 51 | 7.9 | 10 | 200 | 900 | 1930 | 0.075 | 1.300 |
| 0402F-056K-YY | 56 | 7.9 | 10 | 230 | 900 | 1900 | 0.095 | 1.200 |
| 0402F-078K-YY | 78 | 7.9 | 10 | 330 | 900 | 1600 | 0.120 | 1.000 |
| 0402F-R10K-YY | 100 | 7.9 | 10 | 425 | 900 | 1400 | 0.150 | 1.000 |
| 0402F-R14K-YY | 140 | 7.9 | 10 | 640 | 900 | 1220 | 0.260 | 0.640 |
| 0402F-R18K-YY | 180 | 7.9 | 10 | 850 | 900 | 1090 | 0.280 | 0.600 |
| 0402F-R22K-YY | 220 | 7.9 | 10 | 1030 | 900 | 990 | 0.520 | 0.400 |
| 0402F-R27K-YY | 270 | 7.9 | 10 | 1400 | 900 | 880 | 0.550 | 0.380 |

Core Material : Ferrite

Revision date : 03 Sep 2020

SPQ : Taped / Reel 1000 [-08]
5000 [-01]

Remarks: - Unlisted inductance values available upon request.
- 5% tolerance available upon request.