Fastron Group
Fine Inductors

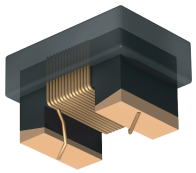
www.fastrongroup.com

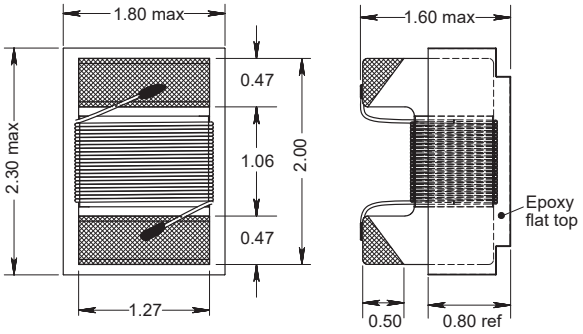
# 0805 F

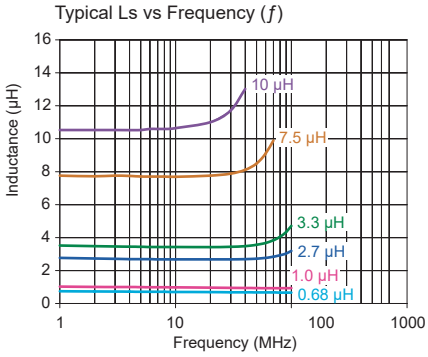
**Engineer's Kit: EK-0805F-X**

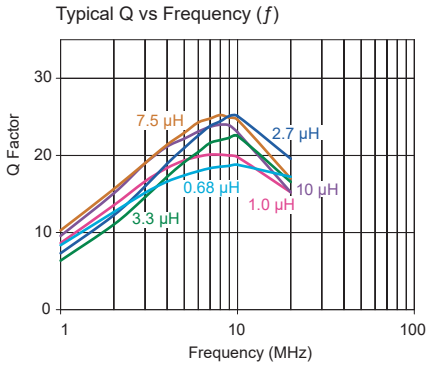
(Wire wound - open)

Chip Inductors for RF Applications






| Part No | Inductance L (µH) | $f_L$ (MHz) | Tol ± (%) | Q min | $f_Q$ (MHz) | SRF (MHz) | DCR max (Ω) | Rated DC Current (mA) |
|---|---|---|---|---|---|---|---|---|
| 0805F-R68K-YY | 0.68 | 25.2 | 10 | 18 | 7.9 | 350 min | 0.50 | 450 |
| 0805F-R82K-YY | 0.82 | 25.2 | 10 | 18 | 7.9 | 350 min | 0.55 | 400 |
| 0805F-1R0K-YY | 1.0 | 7.9 | 10 | 20 | 7.9 | 350 min | 0.50 | 250 |
| 0805F-1R2K-YY | 1.2 | 7.9 | 10 | 20 | 7.9 | 300 typ | 0.65 | 220 |
| 0805F-1R5K-YY | 1.5 | 7.9 | 10 | 20 | 7.9 | 250 typ | 0.75 | 200 |
| 0805F-1R8K-YY | 1.8 | 7.9 | 10 | 20 | 7.9 | 200 typ | 0.85 | 190 |
| 0805F-2R2K-YY | 2.2 | 7.9 | 10 | 20 | 7.9 | 200 typ | 1.70 | 130 |
| 0805F-2R7K-YY | 2.7 | 7.9 | 10 | 20 | 7.9 | 200 typ | 2.0 | 120 |
| 0805F-3R3K-YY | 3.3 | 7.9 | 10 | 20 | 7.9 | 200 typ | 3.3 | 100 |
| 0805F-3R9K-YY | 3.9 | 7.9 | 10 | 20 | 7.9 | 150 typ | 3.6 | 95 |
| 0805F-4R7K-YY | 4.7 | 7.9 | 10 | 20 | 7.9 | 150 typ | 3.8 | 90 |
| 0805F-5R6K-YY | 5.6 | 7.9 | 10 | 20 | 7.9 | 80 typ | 2.8 | 175 |
| 0805F-6R2K-YY | 6.2 | 7.9 | 10 | 20 | 7.9 | 70 typ | 3.0 | 165 |
| 0805F-6R8K-YY | 6.8 | 7.9 | 10 | 20 | 7.9 | 65 typ | 3.1 | 160 |
| 0805F-7R5K-YY | 7.5 | 7.9 | 10 | 20 | 7.9 | 60 typ | 3.4 | 160 |
| 0805F-8R2K-YY | 8.2 | 7.9 | 10 | 20 | 7.9 | 55 typ | 3.7 | 160 |
| 0805F-9R1K-YY | 9.1 | 7.9 | 10 | 20 | 7.9 | 50 typ | 3.7 | 150 |
| 0805F-100K-YY | 10 | 7.9 | 10 | 20 | 7.9 | 45 typ | 3.8 | 150 |
| 0805F-120K-YY | 12 | 7.9 | 10 | 18 | 7.9 | 25 typ | 4.2 | 150 |
| 0805F-150K-YY | 15 | 7.9 | 10 | 18 | 7.9 | 25 typ | 5.0 | 150 |
| 0805F-220K-YY | 22 | 7.9 | 10 | 15 | 7.9 | 30 typ | 6.0 | 97 |

**Core Material:** Ferrite

Revision date: 11 Jan 2022

**SPQ:** Taped / Reel 1000 [-08]
2500 [-01]
7500 [-04]

**Remarks:** - Unlisted inductance values available upon request.
- 2% and 5% tolerance available upon request.

● All dimensions in mm