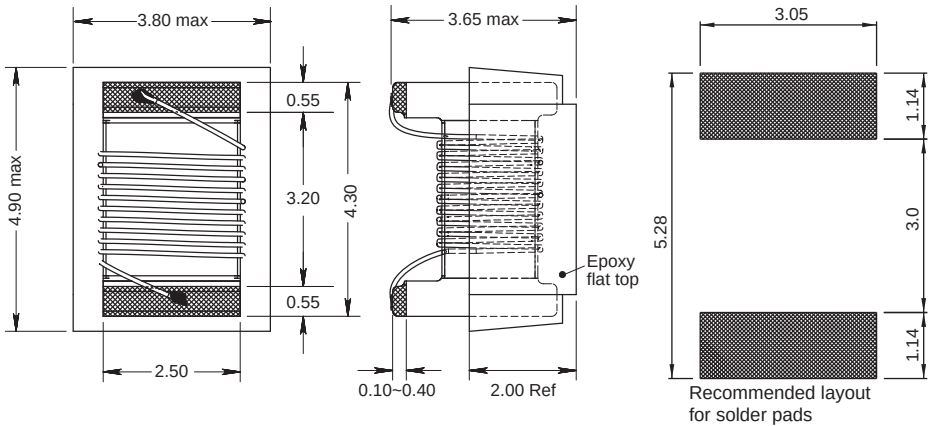
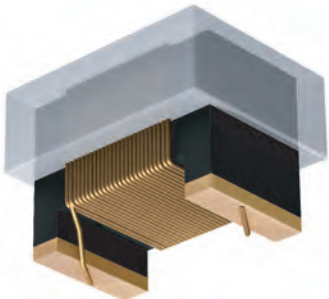
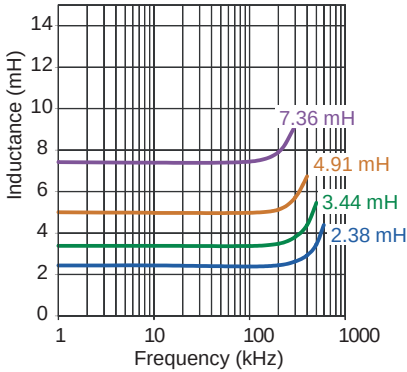


1812 AFTC  
Transponder Coil



Typical Ls vs Frequency (f)



| Part No          | Inductance | f <sub>L</sub> | Tol   | Q   | f <sub>Q</sub> | SRF       | DCR     | Sensitivity |
|------------------|------------|----------------|-------|-----|----------------|-----------|---------|-------------|
|                  | L (mH)     | (kHz)          | ± (%) | typ | (kHz)          | min (kHz) | max (Ω) | mV/μT       |
| 1812AFTC-401K-YY | 0.40       | 125            | 10    | 18  | 125            | 1800      | 12.4    | 7           |
| 1812AFTC-102K-YY | 1.00       | 125            | 10    | 13  | 125            | 1300      | 48      | 18          |
| 1812AFTC-242K-YY | 2.38       | 125            | 10    | 19  | 125            | 650       | 75      | 40          |
| 1812AFTC-292K-YY | 2.89       | 125            | 10    | 19  | 125            | 620       | 80      | 40          |
| 1812AFTC-342K-YY | 3.44       | 125            | 10    | 19  | 125            | 600       | 90      | 45          |
| 1812AFTC-412K-YY | 4.15       | 125            | 10    | 19  | 125            | 600       | 120     | 54          |
| 1812AFTC-492K-YY | 4.91       | 125            | 10    | 18  | 125            | 560       | 155     | 65          |
| 1812AFTC-602K-YY | 6.00       | 125            | 10    | 18  | 125            | 530       | 170     | 81          |
| 1812AFTC-722K-YY | 7.20       | 125            | 10    | 16  | 125            | 470       | 250     | 103         |
| 1812AFTC-742K-YY | 7.36       | 125            | 10    | 16  | 125            | 470       | 250     | 103         |

Core Material : Ceramic & Ferrite

Revision date : 03 Sep 2020

SPQ : Taped / Reel 600 [-01]  
2200 [-04]

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

Typical Q vs Frequency (f)

