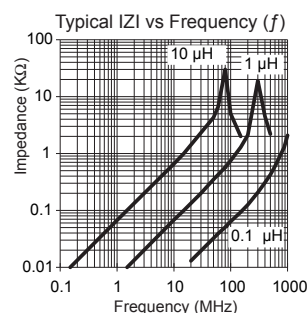
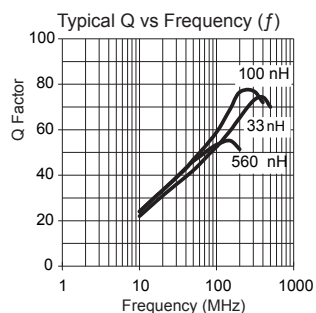
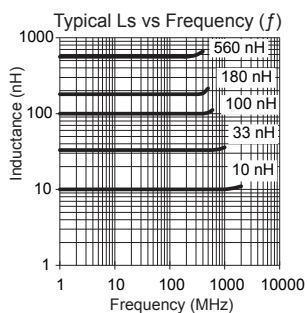
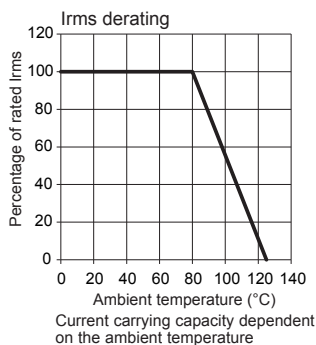
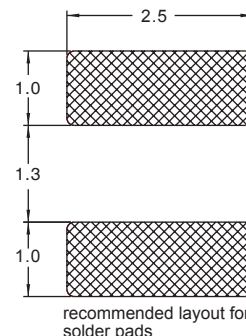
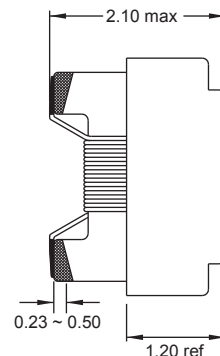
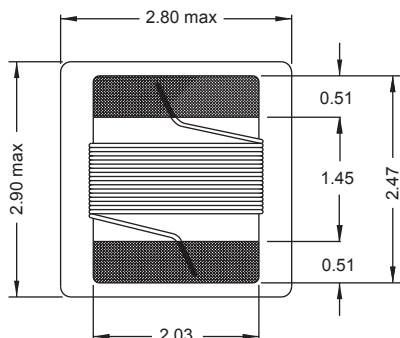
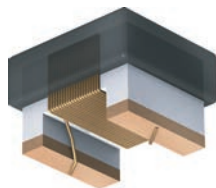


# 1008 AS

Engineer's Kit : EK-1008AS-X

**Core Material** : Ceramic**SPQ** : Taped / Reel 2000 [-01]  
7500 [-04]**Remarks:**

- For not listed inductance values please check availability with us.
- 2% and 5% tolerance available on request.
- This series is also available as non-magnetic, part numbering ASM.

Single layer (typ)

| Part No        | Inductance | fL    | Tol   | Q   | fa    | SRF      | DCR     | Rated DC     |
|----------------|------------|-------|-------|-----|-------|----------|---------|--------------|
|                | L (nH)     | (MHz) | ± (%) | min | (MHz) | (MHz)    | max (Ω) | Current (mA) |
| 1008AS-4N7J-YY | 4.7        | 50    | 5     | 17  | 500   | 6000 min | 0.15    | 600          |
| 1008AS-8N2J-YY | 8.2        | 50    | 5     | 70  | 1000  | 5000 min | 0.08    | 600          |
| 1008AS-010J-YY | 10         | 50    | 5     | 50  | 500   | 4100 min | 0.08    | 1000         |
| 1008AS-012J-YY | 12         | 50    | 5     | 53  | 500   | 3300 min | 0.09    | 1000         |
| 1008AS-015J-YY | 15         | 50    | 5     | 70  | 500   | 2500 min | 0.10    | 1000         |
| 1008AS-018J-YY | 18         | 50    | 5     | 50  | 350   | 2500 min | 0.11    | 1000         |
| 1008AS-022J-YY | 22         | 50    | 5     | 55  | 350   | 2400 min | 0.12    | 1000         |
| 1008AS-027J-YY | 27         | 50    | 5     | 58  | 350   | 1600 min | 0.13    | 1000         |
| 1008AS-030J-YY | 30         | 50    | 5     | 65  | 350   | 1600 min | 0.14    | 1000         |
| 1008AS-033J-YY | 33         | 50    | 5     | 65  | 350   | 1600 min | 0.14    | 1000         |
| 1008AS-039J-YY | 39         | 50    | 5     | 60  | 350   | 1500 min | 0.15    | 1000         |
| 1008AS-047J-YY | 47         | 50    | 5     | 65  | 350   | 1500 min | 0.16    | 1000         |
| 1008AS-056J-YY | 56         | 50    | 5     | 65  | 350   | 1300 min | 0.18    | 1000         |
| 1008AS-068J-YY | 68         | 50    | 5     | 67  | 350   | 1300 min | 0.20    | 1000         |
| 1008AS-082J-YY | 82         | 50    | 5     | 63  | 350   | 1000 min | 0.22    | 1000         |
| 1008AS-090J-YY | 90         | 50    | 5     | 60  | 350   | 1000 min | 0.56    | 650          |
| 1008AS-R10J-YY | 100        | 25    | 5     | 63  | 350   | 1000 min | 0.56    | 650          |
| 1008AS-R12J-YY | 120        | 25    | 5     | 60  | 350   | 950 min  | 0.63    | 650          |
| 1008AS-R15J-YY | 150        | 25    | 5     | 50  | 100   | 850 min  | 0.70    | 620          |
| 1008AS-R18J-YY | 180        | 25    | 5     | 45  | 100   | 750 min  | 0.77    | 620          |
| 1008AS-R22J-YY | 220        | 25    | 5     | 46  | 100   | 700 min  | 0.84    | 620          |
| 1008AS-R24J-YY | 240        | 25    | 5     | 46  | 100   | 600 min  | 0.84    | 600          |
| 1008AS-R27J-YY | 270        | 25    | 5     | 48  | 100   | 600 min  | 0.91    | 500          |
| 1008AS-R30J-YY | 300        | 25    | 5     | 45  | 100   | 600 min  | 0.91    | 500          |
| 1008AS-R33J-YY | 330        | 25    | 5     | 51  | 100   | 570 min  | 1.05    | 470          |
| 1008AS-R39J-YY | 390        | 25    | 5     | 47  | 100   | 500 min  | 1.12    | 470          |
| 1008AS-R47J-YY | 470        | 25    | 5     | 54  | 100   | 450 min  | 1.19    | 470          |
| 1008AS-R51J-YY | 510        | 25    | 5     | 51  | 100   | 415 min  | 1.33    | 400          |
| 1008AS-R56J-YY | 560        | 25    | 5     | 56  | 100   | 415 min  | 1.33    | 400          |
| 1008AS-R62J-YY | 620        | 25    | 5     | 49  | 100   | 375 min  | 1.40    | 400          |
| 1008AS-R68J-YY | 680        | 25    | 5     | 46  | 100   | 375 min  | 1.47    | 400          |
| 1008AS-R75J-YY | 750        | 25    | 5     | 46  | 100   | 360 min  | 1.54    | 400          |
| 1008AS-R82J-YY | 820        | 25    | 5     | 52  | 100   | 350 min  | 1.61    | 600          |
| 1008AS-R91K-YY | 910        | 25    | 10    | 37  | 50    | 320 typ  | 1.68    | 380          |
| 1008AS-1R0K-YY | 1000       | 25    | 10    | 36  | 50    | 290 typ  | 1.75    | 370          |
| 1008AS-1R1K-YY | 1100       | 25    | 10    | 35  | 50    | 250 typ  | 1.85    | 350          |
| 1008AS-1R2K-YY | 1200       | 7.9   | 10    | 35  | 50    | 250 typ  | 2.00    | 310          |
| 1008AS-1R4K-YY | 1400       | 7.9   | 10    | 33  | 50    | 200 typ  | 2.30    | 330          |
| 1008AS-1R5K-YY | 1500       | 7.9   | 10    | 35  | 50    | 200 typ  | 2.30    | 330          |
| 1008AS-1R8K-YY | 1800       | 7.9   | 10    | 34  | 50    | 160 typ  | 2.60    | 300          |
| 1008AS-2R2K-YY | 2200       | 7.9   | 10    | 28  | 50    | 160 typ  | 2.80    | 280          |
| 1008AS-2R7K-YY | 2700       | 7.9   | 10    | 23  | 25    | 140 typ  | 4.80    | 120          |
| 1008AS-3R3K-YY | 3300       | 7.9   | 10    | 22  | 25    | 110 typ  | 5.10    | 120          |
| 1008AS-3R9K-YY | 3900       | 7.9   | 10    | 27  | 25    | 100 typ  | 5.40    | 110          |
| 1008AS-4R7K-YY | 4700       | 7.9   | 10    | 20  | 25    | 65 typ   | 6.00    | 110          |
| 1008AS-5R0K-YY | 5000       | 7.9   | 10    | 20  | 25    | 60 typ   | 6.60    | 110          |
| 1008AS-5R6K-YY | 5600       | 7.9   | 10    | 22  | 7.9   | 55 typ   | 6.50    | 110          |
| 1008AS-6R8K-YY | 6800       | 7.9   | 10    | 22  | 7.9   | 48 typ   | 7.50    | 110          |
| 1008AS-8R2K-YY | 8200       | 7.9   | 10    | 24  | 7.9   | 44 typ   | 8.40    | 110          |
| 1008AS-100K-YY | 10000      | 7.9   | 10    | 20  | 7.9   | 40 typ   | 8.40    | 110          |
| 1008AS-120K-YY | 12000      | 7.9   | 10    | 20  | 7.9   | 30 typ   | 11.5    | 136          |