

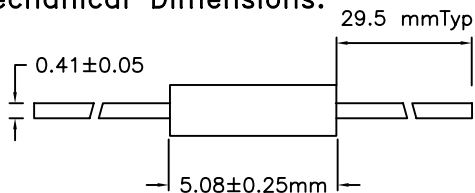
ALXF0200-xxxx SERIES INDUCTORS

- * DESIGN TO BE COMPACT, SMALL AND LIGHT-WEIGHT
- * CONTRIBUTE TO BE HIGH Q AND SELF-RESONANT FREQUENCIES
- * COATING EPOXY RESIN THAT ENSURES THE HUMIDITY RESISTANCE TO BE LONG LIFE
- * TAPING TYPE THAT IS CONVENIENT FOR AUTOMATIC INSERTER
- * Operating Temp: -40 to +105°C

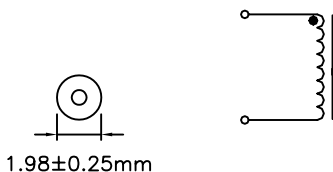
ALXF 02 00 -xxx K
 1 2 3 4 5

1. AXIAL LEAD TYPE
2. OUTSIDE DIAMETER
3. BODY LENGTH
4. INDUCTANCE
5. TOLERANCE
(J=5%,K=10%,M=20%)

Mechanical Dimensions:



Schematic:



| Part Number | INDUCTANCE (uH) | Q Min | Test Freq. (KHz) | Self-Resonant Frequency (MHz)Min | RDC Max (Ohms) | IDC Max (mA) |
|---------------|-----------------|-------|------------------|----------------------------------|----------------|--------------|
| ALXF0200-R10K | 0.10 | 35 | 25 | 680 | 0.13 | 895 |
| ALXF0200-R12K | 0.12 | 35 | 25 | 650 | 0.15 | 835 |
| ALXF0200-R15K | 0.15 | 35 | 25 | 560 | 0.18 | 760 |
| ALXF0200-R18K | 0.18 | 35 | 25 | 540 | 0.21 | 705 |
| ALXF0200-R22K | 0.22 | 30 | 25 | 500 | 0.25 | 645 |
| ALXF0200-R27K | 0.27 | 30 | 25 | 440 | 0.38 | 525 |
| ALXF0200-R33K | 0.33 | 25 | 25 | 410 | 0.49 | 460 |
| ALXF0200-R39K | 0.39 | 25 | 25 | 380 | 0.59 | 420 |
| ALXF0200-R47K | 0.47 | 25 | 25 | 340 | 0.62 | 410 |
| ALXF0200-R56K | 0.56 | 40 | 25 | 250 | 0.18 | 510 |
| ALXF0200-R68K | 0.68 | 40 | 25 | 215 | 0.20 | 485 |
| ALXF0200-R82K | 0.82 | 40 | 25 | 200 | 0.22 | 465 |
| ALXF0200-1R0K | 1.00 | 40 | 25 | 190 | 0.25 | 435 |
| ALXF0200-1R2K | 1.20 | 35 | 7.9 | 170 | 0.28 | 410 |
| ALXF0200-1R5K | 1.50 | 40 | 7.9 | 150 | 0.49 | 310 |
| ALXF0200-1R8K | 1.80 | 40 | 7.9 | 135 | 0.56 | 290 |
| ALXF0200-2R2K | 2.20 | 45 | 7.9 | 130 | 0.72 | 257 |
| ALXF0200-2R7K | 2.70 | 45 | 7.9 | 110 | 0.85 | 236 |
| ALXF0200-3R3K | 3.30 | 45 | 7.9 | 100 | 1.20 | 198 |
| ALXF0200-3R9K | 3.90 | 50 | 7.9 | 95 | 1.50 | 178 |
| ALXF0200-4R7K | 4.70 | 55 | 7.9 | 88 | 2.10 | 150 |
| ALXF0200-5R6K | 5.60 | 55 | 7.9 | 78 | 2.80 | 130 |
| ALXF0200-6R8K | 6.80 | 55 | 7.9 | 69 | 3.20 | 122 |
| ALXF0200-8R2K | 8.20 | 45 | 7.9 | 52 | 4.40 | 104 |
| ALXF0200-100K | 10.00 | 45 | 7.9 | 47 | 5.20 | 95 |
| ALXF0200-120K | 12.00 | 40 | 2.5 | 31 | 3.00 | 126 |
| ALXF0200-150K | 15.00 | 40 | 2.5 | 26 | 3.40 | 118 |
| ALXF0200-180K | 18.00 | 40 | 2.5 | 23 | 3.80 | 112 |
| ALXF0200-220K | 22.00 | 45 | 2.5 | 20 | 4.30 | 105 |
| ALXF0200-270K | 27.00 | 45 | 2.5 | 17 | 4.70 | 100 |
| ALXF0200-330K | 33.00 | 45 | 2.5 | 15 | 5.20 | 95 |
| ALXF0200-390K | 39.00 | 45 | 2.5 | 13.5 | 6.80 | 83.5 |
| ALXF0200-470K | 47.00 | 45 | 2.5 | 12.5 | 8.20 | 76 |
| ALXF0200-560K | 56.00 | 45 | 2.5 | 11.5 | 10.00 | 69 |
| ALXF0200-680K | 68.00 | 45 | 2.5 | 10.5 | 11.50 | 64 |
| ALXF0200-820K | 82.00 | 45 | 2.5 | 10.0 | 16.00 | 54.5 |
| ALXF0200-101K | 100.00 | 45 | 2.5 | 9.5 | 17.5 | 52 |
| ALXF0200-121K | 120.00 | 35 | 0.79 | 8.9 | 16.00 | 54.5 |
| ALXF0200-151K | 150.00 | 35 | 0.79 | 7.9 | 18.00 | 51 |
| ALXF0200-181K | 180.00 | 35 | 0.79 | 7.5 | 20.00 | 49 |
| ALXF0200-221K | 220.00 | 35 | 0.79 | 7.1 | 26.50 | 42.5 |
| ALXF0200-271K | 270.00 | 35 | 0.79 | 6.6 | 30.50 | 39 |