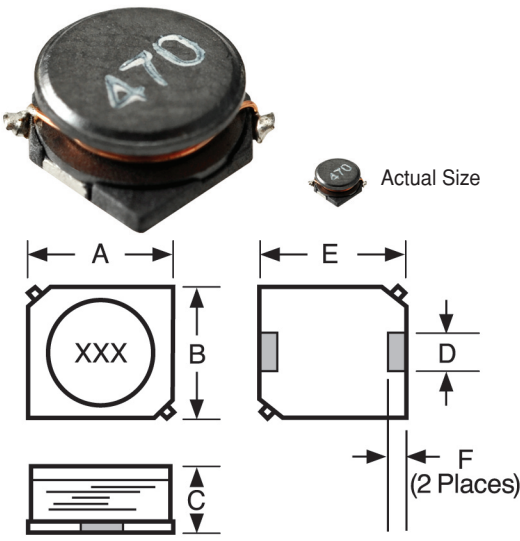


SERIES

3483R



Surface Mount Power Inductors



Physical Parameters

| | Inches | Millimeters |
|---|----------------|--------------|
| A | 0.267 to 0.287 | 6.70 to 7.30 |
| B | 0.267 to 0.287 | 6.70 to 7.30 |
| C | 0.106 to 0.130 | 2.70 to 3.30 |
| D | 0.070 to 0.087 | 1.80 to 2.20 |
| E | 0.130 to 0.185 | 3.30 to 4.70 |
| F | 0.051 to 0.067 | 1.30 to 1.70 |

Operating Temperature Range -20°C to +85°C

Inductance Measured with no DC current at 100 kHz

Current Rating at +25° Ambient

40°C temperature rise maximum.

DC that will decrease the inductance by 10% maximum.

Final Termination Finish 100% Matte Tin (Sn)

Marking Components are marked with three characters. In the instance of two digits and a letter R, the R indicates a decimal point and the remaining digits indicates the inductance in uH. When three digits are present, the first two digits indicate the inductance in uH and the third digit indicates the number of trailing zeros where a zero indicates that there are no trailing zeros.

Example: 3483R-1R5M (1.5 H)
1R5

Packaging Tape and Reel

(12mm): 13" reel, 1000 pieces max.; 7" reel not available.

| DASH NUMBER* | INDUCTANCE (uH) ±20% @ 100 kHz | DC RESISTANCE MAXIMUM (OHMS) | CURRENT RATING MAXIMUM (A DC) |
|--|-----------------------------------|---------------------------------|----------------------------------|
| SERIES 3483R - UNSHIELDED FERRITE CORE | | | |
| 1R0M | 1.0 | 0.020 | 3.20 |
| 1R5M | 1.5 | 0.023 | 2.85 |
| 1R8M | 1.8 | 0.025 | 2.80 |
| 2R2M | 2.2 | 0.035 | 2.50 |
| 3R3M | 3.3 | 0.040 | 2.20 |
| 4R7M | 4.7 | 0.045 | 2.00 |
| 6R8M | 6.8 | 0.060 | 1.60 |
| 100M | 10.0 | 0.080 | 1.40 |
| 120M | 12.0 | 0.085 | 1.30 |
| 150M | 15.0 | 0.110 | 1.10 |
| 180M | 18.0 | 0.130 | 1.05 |
| 220M | 22.0 | 0.150 | 1.00 |
| 270M | 27.0 | 0.190 | 0.95 |
| 330M | 33.0 | 0.210 | 0.85 |
| 390M | 39.0 | 0.270 | 0.75 |
| 470M | 47.0 | 0.310 | 0.70 |
| 560M | 56.0 | 0.390 | 0.65 |
| 680M | 68.0 | 0.430 | 0.60 |
| 820M | 82.0 | 0.490 | 0.50 |
| 101M | 100.0 | 0.650 | 0.45 |
| 121M | 120.0 | 0.700 | 0.40 |
| 151M | 150.0 | 0.850 | 0.35 |
| 181M | 180.0 | 1.100 | 0.33 |
| 221M | 220.0 | 1.250 | 0.30 |
| 271M | 270.0 | 1.450 | 0.28 |
| 331M | 330.0 | 2.000 | 0.25 |
| 391M | 390.0 | 2.250 | 0.23 |
| 471M | 470.0 | 2.600 | 0.22 |
| 561M | 560.0 | 3.700 | 0.20 |
| 681M | 680.0 | 4.300 | 0.18 |
| 821M | 820.0 | 4.900 | 0.16 |
| 102M | 1000.0 | 5.600 | 0.15 |

*Complete part # must include series # PLUS the dash #