



一體成型貼片電感

SRM SERIES

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|  | <p>FEATURES</p> <ul style="list-style-type: none"> • Shielded construction • Frequency range up to 1.0 MHz • Lowest DCR/μH, in this package size • Handles high transient current spikes without saturation • Ultra low buzz noise, due to composite construction • Compliant to RoHS Directive 2002/95/EC <div style="text-align: right;">  <p>RoHS COMPLIANT</p> </div> |
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Part numbering system

A B C D

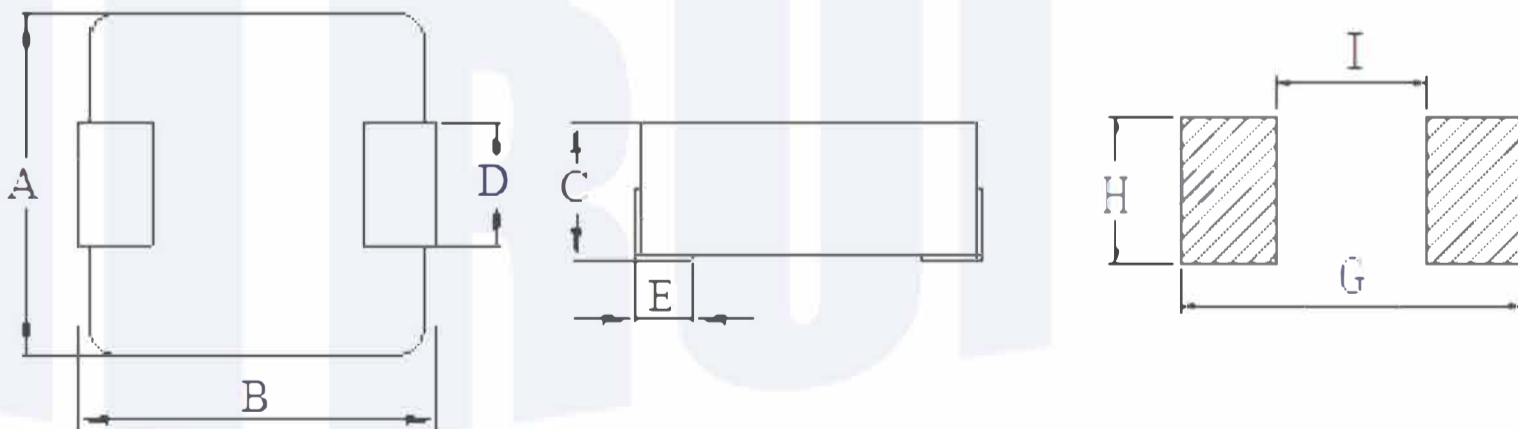
A : Series Name.

B : Dimension.

C : Inductance. (for example 3R3=3.3 μ H)

D : Inductance Tolerance. (for example M= \pm 20%)

Mechanical dimension: Unit:mm



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Electrical Characteristics:

TEST CONDITION: AT 25°C: 100KHz/0.1V

| PART NO. | L(0A) (uH±20%) (uH±30%) | Irat (Amperes) | Isat (Amperes) | DCR (mΩ)TYPE | DCR (mΩ)MAX | VISHAY P/N |
|--------------|-------------------------------|-------------------|-------------------|-----------------|----------------|--------------------|
| SRM0312-R68N | 0.68 | 2.5 | 4.0 | 46.0 | 55.0 | IHLP1212ABERR68M11 |
| SRM0312-1R0N | 1.0 | 2.0 | 3.2 | 68.0 | 85.0 | IHLP1212ABER1R0M11 |
| SRM0312-1R5N | 1.5 | 1.8 | 2.8 | 105.0 | 135.0 | |
| SRM0312-2R2N | 2.2 | 1.5 | 2.2 | 130.0 | 165.0 | |
| SRM0312-3R3N | 3.3 | 1.0 | 1.8 | 215.0 | 260.0 | |
| | | | | | | |
| SRM0315-R22N | 0.22 | 6.0 | 9.0 | 9.5 | 11.4 | IHLP1212AEERR22M11 |
| SRM0315-R33N | 0.33 | 5.0 | 7.0 | 11.5 | 14.0 | IHLP1212AEERR33M11 |
| SRM0315-R47N | 0.47 | 4.0 | 6.5 | 12.7 | 15.0 | IHLP1212AEERR47M11 |
| SRM0315-R56N | 0.56 | 3.0 | 5.5 | 17.0 | 21.0 | IHLP1212AEERR56M11 |
| SRM0315-R68N | 0.68 | 2.5 | 4.5 | 18.0 | 22.0 | IHLP1212AEERR68M11 |
| SRM0315-R82M | 0.82 | 2.0 | 4.5 | 22.0 | 26.0 | IHLP1212AEERR82M11 |
| SRM0315-1R0M | 1.0 | 1.5 | 3.5 | 29.0 | 34.0 | IHLP1212AEER1R0M11 |
| SRM0315-1R5M | 1.5 | 1.0 | 3.0 | 40.0 | 46.0 | |
| | | | | | | |
| SRM0320-R22M | 0.22 | 6.0 | 9.0 | 9.5 | 11.4 | IHLP1212BZERR22M11 |
| SRM0320-R33M | 0.33 | 5.0 | 7.0 | 11.5 | 14.0 | |
| SRM0320-R56M | 0.56 | 3.5 | 5.5 | 16.0 | 19.5 | IHLP1212BZERR56M11 |
| SRM0320-R68M | 0.68 | 3.0 | 4.5 | 17.0 | 21.0 | IHLP1212BZERR68M11 |
| SRM0320-R88M | 0.88 | 2.5 | 4.5 | 18.5 | 22.0 | IHLP1212BZERR88M11 |
| SRM0320-1R0M | 1.0 | 2.0 | 3.5 | 20.0 | 24.0 | IHLP1212BZER1R0M11 |
| SRM0320-1R2M | 1.2 | 1.5 | 3.5 | 23.0 | 27.0 | IHLP1212BZER1R2M11 |
| SRM0320-1R5M | 1.5 | 1.5 | 3.0 | 28.5 | 32.0 | IHLP1212BZER1R5M11 |
| SRM0320-2R2M | 2.2 | 1.0 | 2.5 | 43.0 | 50.0 | |
| SRM0320-3R3M | 3.3 | 1.0 | 2.0 | 70.0 | 90.0 | |