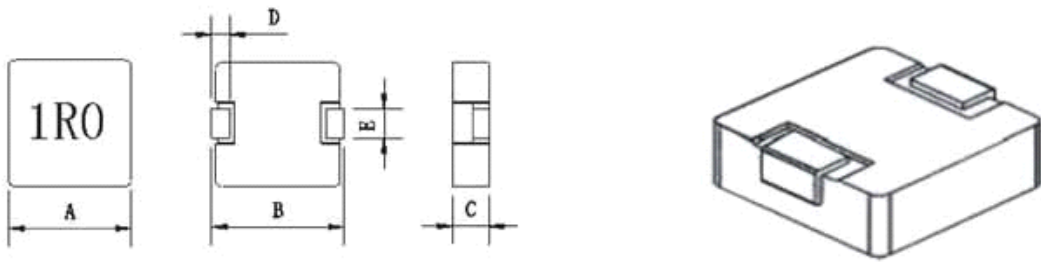




**SMD POWER INDUCTORS: LWX --1040M Series**

| Series                  | A(mm)           | B(mm)           | C(mm)         | D(mm)          | E(mm)          |
|-------------------------|-----------------|-----------------|---------------|----------------|----------------|
| <b>LWX1040—1R0M-C/B</b> | <b>10.3±0.2</b> | <b>11.5±0.2</b> | <b>4.0MAX</b> | <b>2.0±0.5</b> | <b>3.0±0.2</b> |



| Part Numbet      | LO Inductance (uH) ±20% | Heat Rating Current DC Amps.IDC(A) | Saturation Current Part Number DC Amps.Isat(A) | DCR m Ω TYPICAL 25°C | DCR m Ω MAX 25°C |
|------------------|-------------------------|------------------------------------|--|----------------------|------------------|
| LWX1040-R20M-C/B | 0.2                     | 36.0                               | 66.0   | 1.8                  | 3.5              |
| LWX1040-R33M-C/B | 0.33                    | 31.0                               | 60.0   | 2.0                  | 3.8              |
| LWX1040-R47M-C/B | 0.47                    | 28.5                               | 54.0   | 2.1                  | 4.0              |
| LWX1040-R56M-C/B | 0.56                    | 27.5                               | 49.0   | 2.2                  | 4.5              |
| LWX1040-R68M-C/B | 0.68                    | 24.0                               | 42.0   | 2.8                  | 5.0              |
| LWX1040-R82M-C/B | 0.82                    | 22.0                               | 39.0   | 3.0                  | 7.0              |
| LWX1040-1R0M-C/B | 1.0                     | 17.5                               | 32.0   | 3.5                  | 7.5              |
| LWX1040-1R2M-C/B | 1.2                     | 19.5                               | 29.0   | 4.3                  | 7.9              |
| LWX1040-1R5M-C/B | 1.5                     | 15.0                               | 27.0   | 5.2                  | 8.0              |
| LWX1040-2R2M-C/B | 2.2                     | 12.0                               | 21.0   | 6.5                  | 10.0             |
| LWX1040-3R3M-C/B | 3.3                     | 10.0                               | 18.6   | 10.0                 | 14.0             |
| LWX1040-4R7M-C/B | 4.7                     | 9.5                                | 16.5   | 15.5                 | 23.6             |
| LWX1040-5R6M-C/B | 5.6                     | 8.5                                | 15   | 18.9                 | 25.0             |
| LWX1040-6R8M-C/B | 6.8                     | 8.0                                | 14   | 23.5                 | 30.0             |
| LWX1040-8R2M-C/B | 8.2                     | 7.0                                | 12.5   | 28.3                 | 35.0             |
| LWX1045-100M-C/B | 10.0                    | 6.8                                | 11.5   | 30.2                 | 38.0             |
| LWX1045-150M-C/B | 15.0                    | 5.0                                | 9.0  | 48.0                 | 55.0             |
| LWX1045-220M-C/B | 22.0                    | 4.5                                | 8.0  | 50.0                 | 58.0             |
| LWX1045-330M-C/B | 33.0                    | 3.5                                | 6.5  | 75.0                 | 90.0             |
| LWX1045-470M-C/B | 47.0                    | 3.0                                | 5.0  | 110.0                | 130.0            |