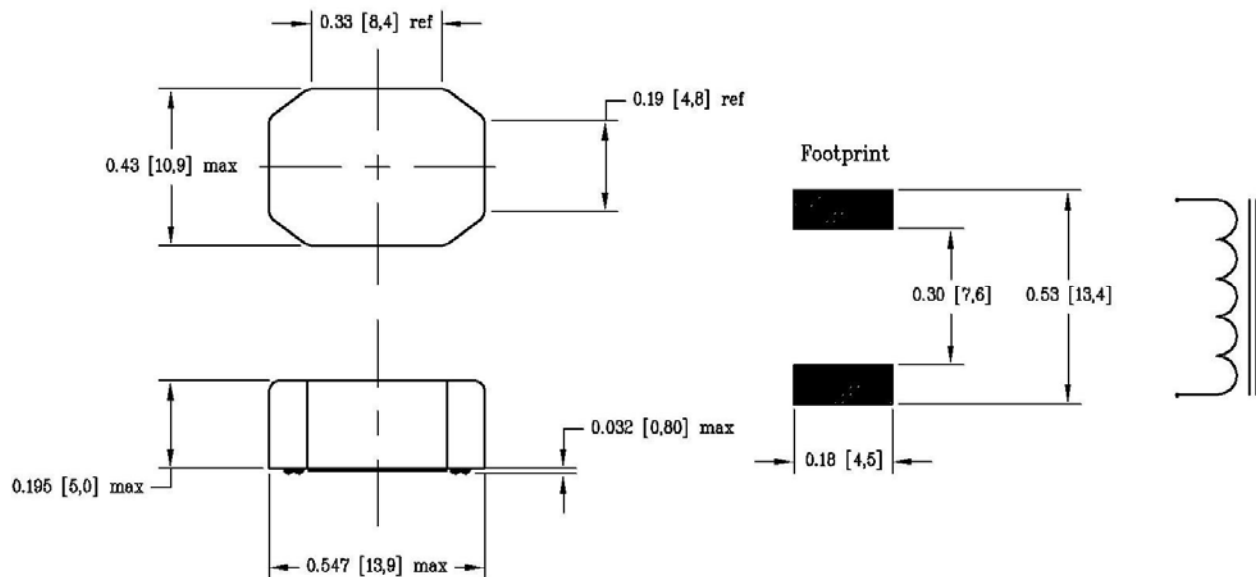


# SMC11-XXXX

Drum core, covered, SMT inductor

- Covered version of SML11 series inductor
  - Inductor encased with molded LCP cover
  - Rated UL 94V-0
- Reflow solder rating, 260°C for 10sec
- Inductance range, 1uH – 22mH
- Temperature range, -40°C to 130°C
- Energy storage, 80 uWsec.
- Packaging, 700pcs, 24mm blisterpack
- RoHS compliant per 2002/95/EC
- Other values available



| Dash # | “L” (uH) | Tol. (%) | “SRF” min (MHz) | “DCR” max (mΩ) | “I” max (A) |
|--------|----------|----------|-----------------|----------------|-------------|
| -0000  | 1.0      | 20       | 40              | 7              | 10.0        |
| -0001  | 1.5      | 20       | 35              | 9              | 8.50        |
| -0002  | 2.2      | 20       | 30              | 11             | 8.00        |
| -0003  | 3.3      | 20       | 25              | 13             | 6.80        |
| -0005  | 4.7      | 20       | 22              | 15             | 5.80        |
| -0007  | 6.8      | 20       | 16              | 22             | 4.60        |
| -0010  | 10       | 20       | 12              | 30             | 3.80        |
| -0015  | 15       | 20       | 10              | 40             | 3.20        |
| -0022  | 22       | 20       | 8               | 62             | 2.60        |
| -0033  | 33       | 20       | 6               | 95             | 2.00        |
| -0047  | 47       | 20       | 5               | 115            | 1.80        |
| -0068  | 68       | 20       | 4               | 160            | 1.45        |

|              |      |    |      |              |      |
|--------------|------|----|------|--------------|------|
| <b>-0082</b> | 82   | 10 | 3.5  | 195          | 1.30 |
| <b>-0100</b> | 100  | 10 | 2.5  | 240          | 1.20 |
| <b>-0150</b> | 150  | 10 | 2.0  | 370          | 1.00 |
| <b>-0220</b> | 220  | 10 | 1.5  | 550          | 0.84 |
| <b>-0330</b> | 330  | 10 | 1.2  | 760          | 0.69 |
| <b>-0470</b> | 470  | 10 | 1.0  | 950          | 0.56 |
| <b>-0680</b> | 680  | 10 | 0.80 | 1.8 $\Omega$ | 0.46 |
| <b>-1000</b> | 1000 | 10 | 0.50 | 2.3 $\Omega$ | 0.39 |
| <b>-1500</b> | 1500 | 10 | 0.45 | 3.2 $\Omega$ | 0.32 |
| <b>-2200</b> | 2200 | 10 | 0.40 | 5.0 $\Omega$ | 0.26 |

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