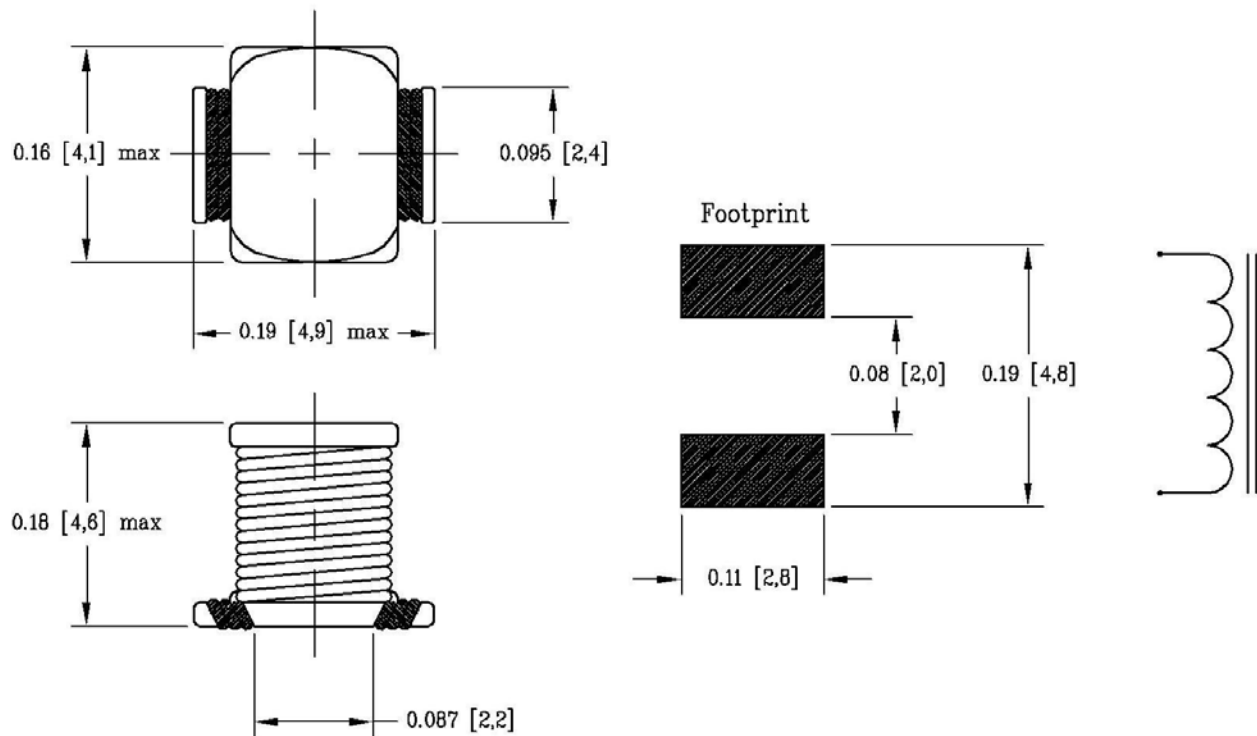


SML7-XXXX

Drum core, SMT inductor

- Compact design, small footprint
- Reflow solder rating, 260°C for 10sec
- Inductance range, 1.0uH – 470uH
- Temperature range, -40°C to 130°C
- Energy storage, 6 uWsec.
- Packaging, 1700pcs, 12mm blisterpack
- RoHS compliant per 2002/95/EC
- Other values available



| Dash # | “L” ± 10% (uH) | “SRF” min (MHz) | “DCR” max (mΩ) | “I” max (mA) |
|--------|-------------------|--------------------|-------------------|-----------------|
| -0010 | 1.0 | 140 | 17 | 3.2 A |
| -0012 | 1.2 | 110 | 19 | 2.8 A |
| -0015 | 1.5 | 90 | 21 | 2.5 A |
| -0018 | 1.8 | 75 | 25 | 2.3 A |
| -0022 | 2.2 | 70 | 28 | 2.1 A |

| | | | | |
|-------|-----|-----|--------------|-------|
| -0027 | 2.7 | 65 | 30 | 1.9 A |
| -0033 | 3.3 | 60 | 36 | 1.7 A |
| -0039 | 3.9 | 50 | 47 | 1.5 A |
| -0047 | 4.7 | 45 | 50 | 1.4 A |
| -0056 | 5.6 | 40 | 61 | 1.3 A |
| -0068 | 6.8 | 35 | 68 | 1.2 A |
| -0082 | 8.2 | 30 | 88 | 1.1 A |
| -0100 | 10 | 26 | 100 | 1.0 A |
| -0120 | 12 | 24 | 140 | 900 |
| -0150 | 15 | 22 | 160 | 800 |
| -0180 | 18 | 20 | 200 | 700 |
| -0220 | 22 | 18 | 230 | 650 |
| -0270 | 27 | 17 | 300 | 600 |
| -0330 | 33 | 16 | 360 | 550 |
| -0390 | 39 | 14 | 400 | 500 |
| -0470 | 47 | 12 | 480 | 450 |
| -0560 | 56 | 11 | 580 | 420 |
| -0680 | 68 | 10 | 780 | 380 |
| -0820 | 82 | 9.5 | 820 | 350 |
| -1000 | 100 | 8.5 | 1.0 Ω | 310 |
| -1200 | 120 | 8.0 | 1.3 Ω | 280 |
| -1500 | 150 | 7.0 | 1.6 Ω | 250 |
| -1800 | 180 | 6.0 | 1.9 Ω | 230 |
| -2200 | 220 | 5.0 | 2.3 Ω | 210 |
| -2700 | 270 | 4.7 | 3.3 Ω | 190 |
| -3300 | 330 | 4.5 | 3.5 Ω | 170 |
| -3900 | 390 | 3.5 | 4.5 Ω | 160 |
| -4700 | 470 | 3.2 | 5.2 Ω | 140 |

Rev B, 7/07