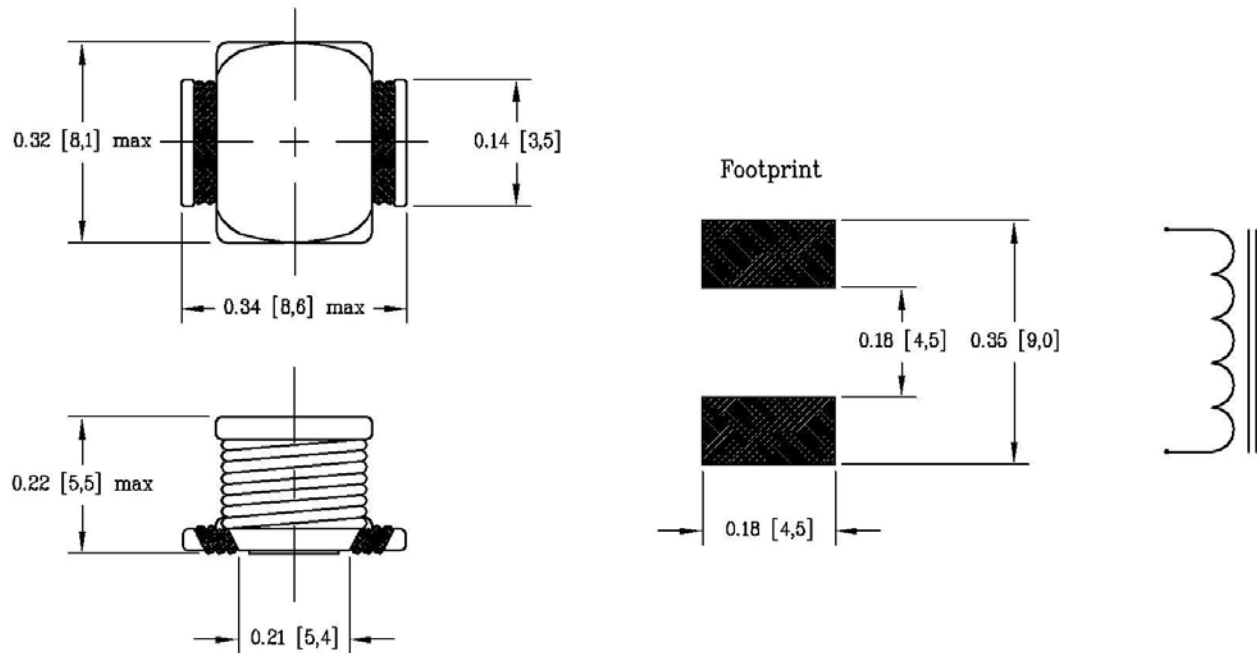


# SML8-XXXX

Drum core, SMT inductor

- Compact design
- Reflow solder rating, 260°C for 10sec
- Inductance range, 10uH – 2.7mH
- Temperature range, -40°C to 130°C
- Energy storage, 58 uWsec.
- Maximum power loss @ 40 °C, 740mW
- Packaging, 1000pcs, 16mm blisterpack
- RoHS compliant per 2002/95/EC
- Other values available



Dash #	“L” ± 10% (uH)	“SRF” min (MHz)	“DCR” max (mΩ)	“I” max (mA)
-0010	10	25	60	2.7 A
-0012	12	22	70	2.5 A
-0015	15	20	90	2.2 A
-0018	18	16	100	2.0 A
-0022	22	15	110	1.8 A
-0027	27	14	130	1.6 A
-0033	33	13	150	1.5 A
-0039	39	12	180	1.3 A
-0047	47	11	200	1.2 A
-0056	56	9.0	250	1.1 A
-0068	68	8.0	280	1.0 A

<b>-0082</b>	82	7.5	350	900
<b>-0100</b>	100	7.0	450	840
<b>-0120</b>	120	6.5	500	770
<b>-0150</b>	150	6.2	650	690
<b>-0180</b>	180	6.0	750	620
<b>-0220</b>	220	5.2	950	570
<b>-0270</b>	270	4.5	1.10 Ω	510
<b>-0330</b>	330	4.0	1.35 Ω	460
<b>-0390</b>	390	3.5	1.60 Ω	430
<b>-0470</b>	470	2.8	2.00 Ω	390
<b>-0560</b>	560	2.7	2.40 Ω	360
<b>-0680</b>	680	2.6	2.70 Ω	320
<b>-0820</b>	820	2.4	3.20 Ω	300
<b>-1000</b>	1000	1.8	4.30 Ω	270
<b>-1200</b>	1200	1.7	4.60 Ω	250
<b>-1500</b>	1500	1.4	6.50 Ω	220
<b>-1800</b>	1800	1.3	7.00 Ω	200
<b>-2200</b>	2200	1.2	9.20 Ω	180
<b>-2700</b>	2700	1.1	10.5 Ω	160

Rev B, 7/07