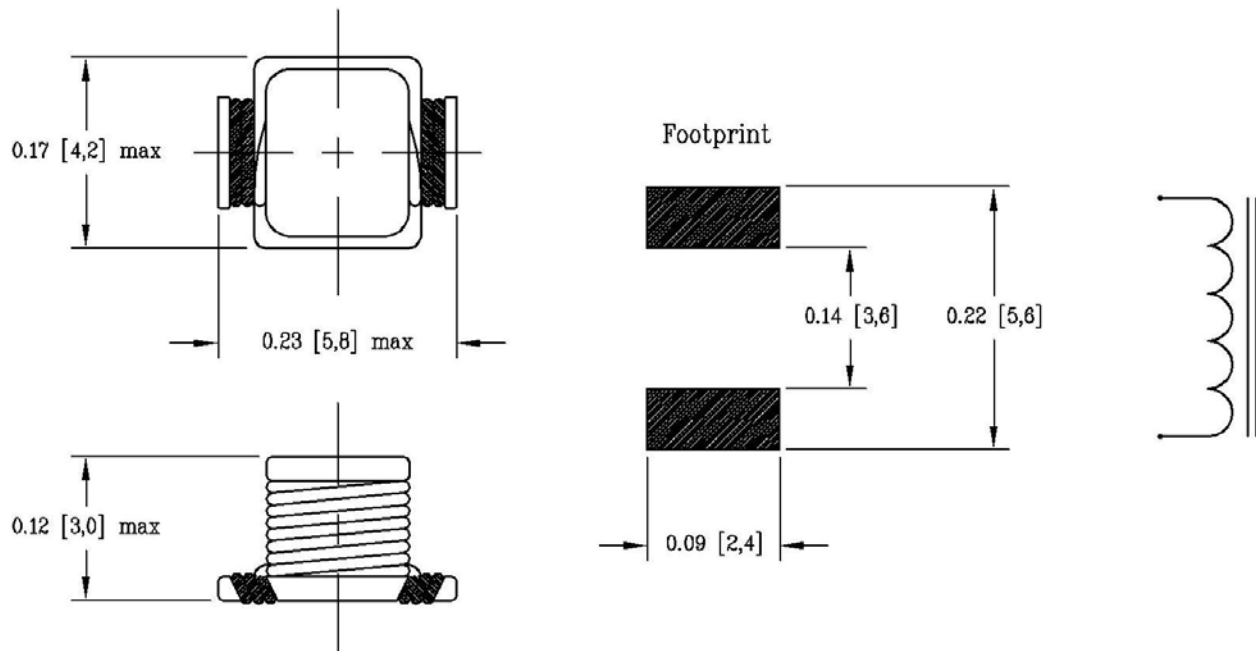


SML9-XXXX

Drum core, SMT inductor

- Compact design, low height
- Reflow solder rating, 260°C for 10sec
- Inductance range, 1uH – 2.7mH
- Temperature range, -40°C to 130°C
- Energy storage, 5 uWsec.
- Packaging, 2500pcs, 12mm blisterpack
- RoHS compliant per 2002/95/EC
- Other values available



Dash #	“L” ± 10% (uH)	“Q” min	“SRF” min (MHz)	“DCR” max (mΩ)	“I” max (mA)
-0010	1.0	28	120	20	3.0 A
-0012	1.2	28	105	24	2.7 A
-0015	1.5	28	90	27	2.4 A
-0018	1.8	25	85	32	2.2 A
-0022	2.2	25	80	45	2.0 A
-0027	2.7	25	74	48	1.8 A
-0033	3.3	22	68	54	1.6 A
-0039	3.9	22	64	60	1.5 A
-0047	4.7	20	60	80	1.3 A
-0056	5.6	20	50	95	1.2 A

-0068	6.8	20	48	100	1.1 A
-0082	8.2	20	40	130	1.0 A
-0100	10	16	38	150	900
-0120	12	18	33	190	800
-0150	15	20	30	230	750
-0180	18	20	26	300	650
-0220	22	20	24	350	600
-0270	27	20	22	410	550
-0330	33	22	18	550	500
-0390	39	22	17	610	450
-0470	47	24	16	650	410
-0560	56	24	13	820	380
-0680	68	24	12	950	340
-0820	82	26	11	1.3 Ω	310
-1000	100	25	10	1.4 Ω	280
-1200	120	26	9.0	2.0 Ω	250
-1500	150	26	8.0	2.3 Ω	230
-1800	180	28	7.5	3.0 Ω	210
-2200	220	28	7.0	3.3 Ω	190
-2700	270	30	6.5	4.0 Ω	170
-3300	330	30	5.0	5.5 Ω	160
-3900	390	30	4.7	6.0 Ω	140
-4700	470	30	4.4	7.5 Ω	130
-5600	560	30	3.8	9.0 Ω	120
-6800	680	32	3.5	10.0 Ω	110
-8200	820	28	2.8	12.5 Ω	100
-10K0	1.0 mH	28	2.7	14.0 Ω	88
-12K0	1.2 mH	28	2.6	20.0 Ω	81
-15K0	1.5 mH	28	2.3	21.0 Ω	71
-18K0	1.8 mH	28	2.0	30.0 Ω	66
-22K0	2.2 mH	26	1.8	36.0 Ω	62
-27K0	2.7 mH	26	1.7	38.0 Ω	55

Rev B, 7/07