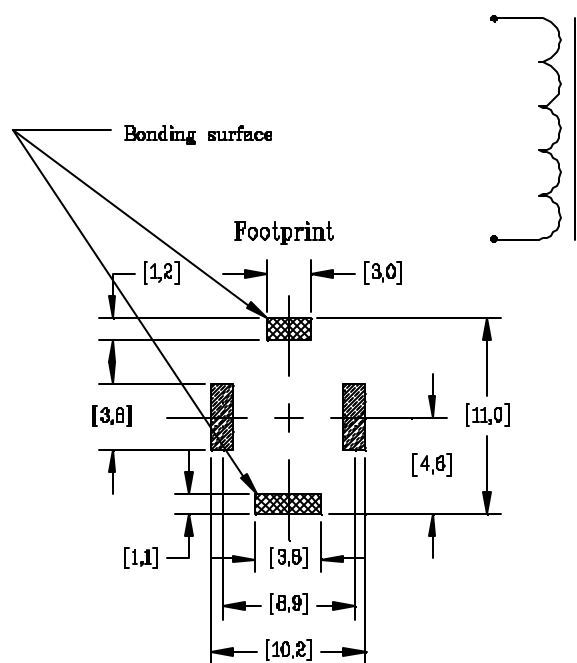
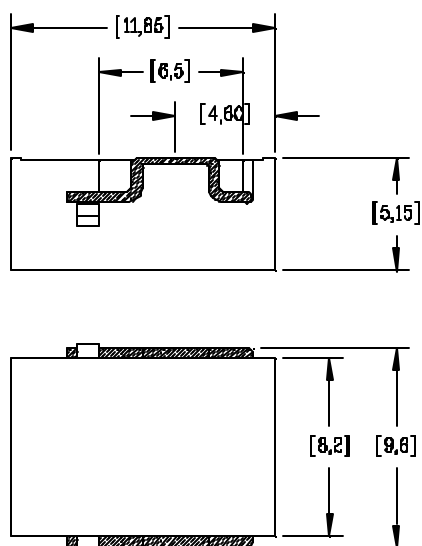


SML4-XXXX

Drum core, SMT inductor

- Inductance range, 10uH – 68mH
- Temperature range, -40 °C to 125 °C
- Soldering temperature 235 °C, 5 seconds
- Resistance to soldering heat 260 °C, 5 seconds
- Temperature coefficient (from -25 °C to 85 °C), $\sim 200 \times 10^{-6} / ^\circ\text{K}$
- Maximum power loss @ 40 °C, 250-300mW
- Packaging, 24mm blisterpack
- Inductors are marked with “L” value in uH. Values in mH are followed with a “k”



Dash #	“L” ± 10% (uH)	@ “F” (KHz)	“Q” min	@ “F” (MHz)	“SRF” min (MHz)	“DCR” max (O)	“T” max (mA)
-0010	10	100	55	1	38	0.55	700
-0012	12	100	55	1	32	0.60	680
-0015	15	100	60	1	27	0.70	620
-0018	18	100	60	1	23	0.75	580
-0022	22	100	60	1	20	0.85	560
-0027	27	30	60	1	18	0.90	540
-0033	33	30	60	1	16	0.95	520
-0039	39	30	60	1	14	1.1	500
-0047	47	30	60	1	12	1.2	480
-0056	56	30	60	1	9.0	1.3	460
-0068	68	30	60	0.5	8.0	1.4	440
-0082	82	30	60	0.5	7.0	1.6	400
-0100	100	30	60	0.5	6.5	1.8	380
-0120	120	30	60	0.5	5.5	2.0	360
-0150	150	30	60	0.5	4.5	2.2	340
-0180	180	30	60	0.5	2.8	2.5	320
-0220	220	30	60	0.5	2.5	2.8	300
-0270	270	10	60	0.5	2.2	3.1	280
-0330	330	10	60	0.5	2.0	3.4	270
-0390	390	10	65	0.5	3.5	8.0	180
-0470	470	10	70	0.5	3.0	9.0	180
-0560	560	10	70	0.5	2.5	10	170
-0680	680	10	70	0.5	1.5	11	150
-0820	820	10	70	0.5	1.5	12	140
-1000	1.0 mH	10	65	0.5	1.3	14	140
-1200	1.2 mH	10	60	0.5	1.2	16	130
-1500	1.5 mH	10	55	0.2	1.1	17	120
-1800	1.8 mH	10	55	0.2	0.75	19	120
-2200	2.2 mH	10	55	0.2	0.70	21	110
-2700	2.7 mH	3	55	0.2	0.65	23	110
-3300	3.3 mH	3	45	0.2	0.85	42	90
-3900	3.9 mH	3	50	0.2	0.75	48	80
-4700	4.7 mH	3	55	0.2	0.70	53	75
-5600	5.6 mH	3	55	0.2	0.40	55	70
-6800	6.8 mH	3	50	0.2	0.35	60	65
-8200	8.2 mH	3	40	0.1	0.33	100	55
-10K0	10 mH	3	40	0.1	0.32	105	50
-12K0	12 mH	3	40	0.1	0.31	120	48
-15K0	15 mH	3	35	0.1	0.30	135	45
-18K0	18 mH	3	30	0.05	0.24	145	42
-22K0	22 mH	3	24	0.05	0.20	240	35
-27K0	27 mH	1	26	0.05	0.19	270	33
-33K0	33 mH	1	28	0.05	0.18	315	30

-39K0	39 mH	1	30	0.05	0.17	350	28
-47K0	47 mH	1	12	0.02	0.15	470	25
-56K0	56 mH	1	12	0.02	0.14	530	22
-68K0	68 mH	1	10	0.02	0.11	780	18