

SML32

SML32LF*

Wirewound, Molded


PART NUMBER	L μH	Q MIN	L&Q TEST FREQ MHz	SRF MHz MIN	DCR OHMS MAX	CURRENT RATING mA DC
PHENOLIC CORE						
SML32-010K	0.010	15	100	>1800	0.13	966
SML32-012K	0.012	17	100	>1800	0.14	931
SML32-015K	0.015	19	100	>1800	0.16	871
SML32-018K	0.018	21	100	>1800	0.18	821
SML32-022K	0.022	23	100	1700	0.20	779
SML32-027K	0.027	23	100	1500	0.22	743
SML32-033K	0.033	25	100	1400	0.24	711
SML32-039K	0.039	25	100	1300	0.27	670
SML32-047K	0.047	26	100	1200	0.27	636
SML32-056K	0.056	26	100	1100	0.33	606
SML32-068K	0.068	27	100	1000	0.36	580
SML32-082K	0.082	27	100	900	0.40	551
SML32-100K	0.100	28	100	700	0.44	525
POWDERED IRON CORE						
SML32-120K	0.120	30	25.2	500	0.22	971
SML32-150K	0.150	30	25.2	450	0.25	910
SML32-180K	0.180	30	25.2	400	0.28	860
SML32-220K	0.220	30	25.2	350	0.32	805
SML32-270K	0.270	30	25.2	320	0.36	749
SML32-330K	0.330	30	25.2	300	0.40	720
SML32-390K	0.390	30	25.2	250	0.45	679
SML32-470K	0.470	30	25.2	220	0.50	644
SML32-560K	0.560	30	25.2	180	0.55	614
SML32-680K	0.680	30	25.2	160	0.60	588
SML32-820K	0.820	30	25.2	140	0.67	556
SML32-101K	1.0	30	7.96	120	0.70	544
SML32-121K	1.2	30	7.96	100	0.75	526
SML32-151K	1.5	30	7.96	85	0.85	494
SML32-181K	1.8	30	7.96	80	0.90	480
SML32-221K	2.2	30	7.96	75	1.00	455
SML32-271K	2.7	30	7.96	70	1.10	434

All part numbers provide 10% tolerance on inductance

Optional tolerances are available; please contact factory

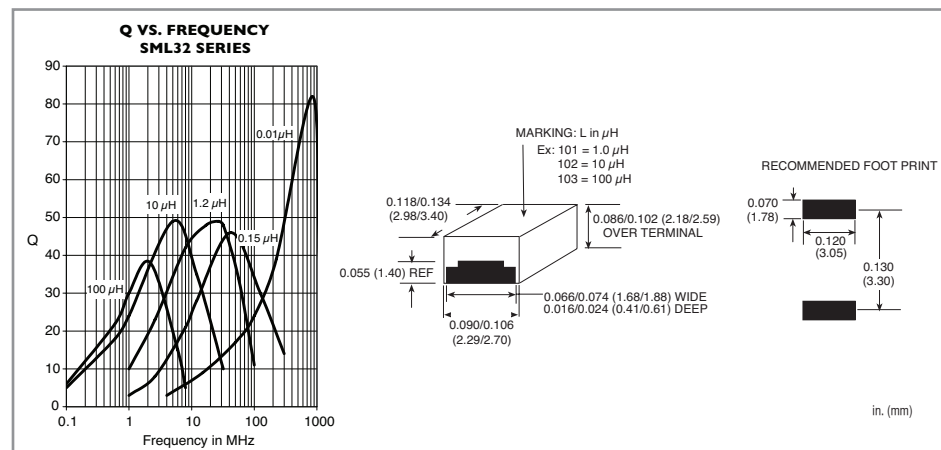
Custom designs are available to meet your specific requirements; please contact factory

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***Add "LF" suffix for RoHS requirement. Example: SML32-010KLF**

Gowanda designates a component RoHS-compliant by adding "LF" (lead free) to the part number.

These LF components meet the ≤ .1% lead requirement and they are compatible with 260°C soldering processes.



NOTES:

- Operating Temperature Range:
-55°C to +125°C
- Current Rating is based on a 35°C temperature rise at an ambient temperature of 90°C
- Epoxy-encapsulated for environmental protection and superior strength to withstand all types of reflow soldering

TAPE AND REEL SPECS:

Pcs./Reel maximum:	2000
Pitch between parts:	8 mm
Tape width:	8 mm
Reel diameter:	7 in.

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PART NUMBER	L μ H	Q MIN	L&Q TEST FREQ MHz	SRF MHz MIN	DCR OHMS MAX	CURRENT RATING mA DC
FERRITE CORE						
SML32-331K	3.3	30	7.96	60	1.20	393
SML32-391K	3.9	30	7.96	55	1.30	378
SML32-471K	4.7	30	7.96	50	1.50	352
SML32-561K	5.6	30	7.96	47	1.60	341
SML32-681K	6.8	30	7.96	43	1.80	321
SML32-821K	8.2	30	7.96	40	2.00	305
SML32-102K	10	30	2.52	36	2.10	297
SML32-122K	12	30	2.52	33	2.50	272
SML32-152K	15	30	2.52	30	2.80	257
SML32-182K	18	30	2.52	27	3.30	237
SML32-222K	22	30	2.52	25	3.70	224
SML32-272K	27	30	2.52	20	5.00	193
SML32-332K	33	30	2.52	17	6.00	182
SML32-392K	39	30	2.52	16	6.40	170
SML32-472K	47	30	2.52	15	7.00	163
SML32-562K	56	30	2.52	13	8.00	152
SML32-682K	68	30	2.52	12	9.00	144
SML32-822K	82	30	2.52	9	10.00	136
SML32-103K	100	20	2.52	8	10.00	120

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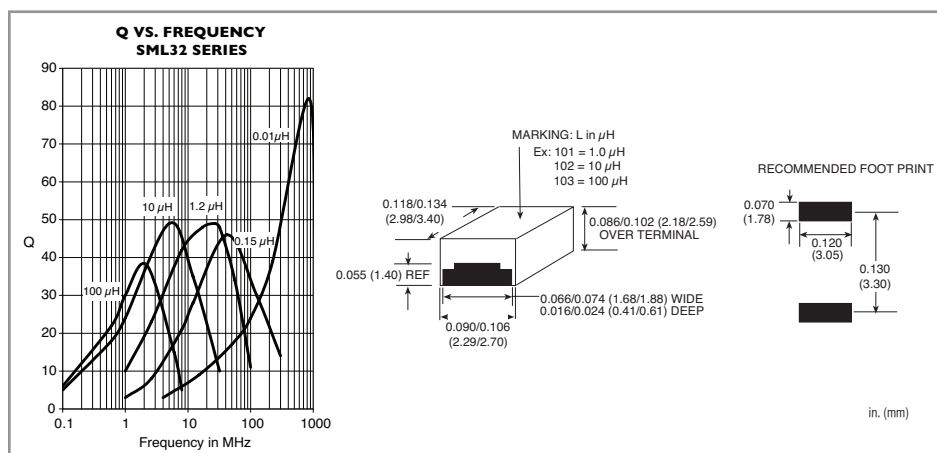
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