



SMP2512



SMP2512LF*



Wirewound, Molded

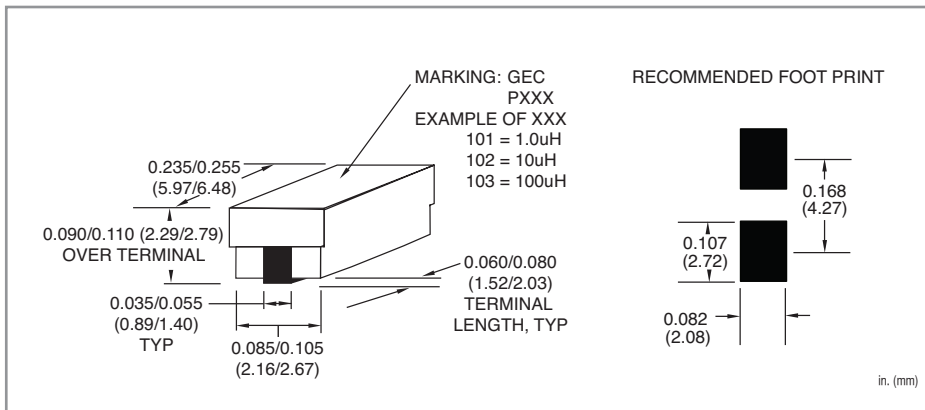
PART NUMBER	L μH	TEST FREQ MHz	DCR OHMS MAX	SATURATION CURRENT mA DC	CURRENT RATING mA DC
FERRITE CORE					
SMP2512-101*	1.0	7.9	0.15	1230	1640
SMP2512-121*	1.2	7.9	0.21	1040	1390
SMP2512-151*	1.5	7.9	0.27	920	1220
SMP2512-181*	1.8	7.9	0.29	890	1180
SMP2512-221*	2.2	7.9	0.40	750	1000
SMP2512-271*	2.7	7.9	0.54	649	865
SMP2512-331*	3.3	7.9	0.75	551	734
SMP2512-391*	3.9	7.9	0.82	527	702
SMP2512-471*	4.7	7.9	1.0	477	636
SMP2512-561*	5.6	7.9	1.1	455	606
SMP2512-681*	6.8	7.9	1.2	435	580
SMP2512-821*	8.2	7.9	1.3	418	557
SMP2512-102*	10	7.9	1.5	389	519
SMP2512-122*	12	2.5	1.6	377	503
SMP2512-152*	15	2.5	1.8	355	474
SMP2512-182*	18	2.5	2.6	296	394
SMP2512-222*	22	2.5	3.5	255	340
SMP2512-272*	27	2.5	3.7	248	330
SMP2512-332*	33	2.5	3.8	245	326
SMP2512-392*	39	2.5	3.9	242	322
SMP2512-472*	47	2.5	4.2	233	310
SMP2512-562*	56	2.5	4.6	222	296
SMP2512-682*	68	2.5	5.1	211	281
SMP2512-822*	82	2.5	5.6	209	278
SMP2512-103*	100	2.5	6.0	195	260

*Substitute "J" for 5% tolerance, "K" for 10% tolerance, or "M" for 20% tolerance
 Custom designs are available to meet your specific requirements; please contact factory

*Add "LF" suffix for RoHS requirement. Example: SMP2512-101KLF

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 65°C temperature rise at an ambient temperature of 60°C
- Saturation Current is the approximate value that will reduce the initial inductance by 10%
- Epoxy-encapsulated for environmental protection and superior strength to withstand all types of reflow soldering

TAPE AND REEL SPECS:

Pcs./Reel maximum:	600
Pitch between parts:	8 mm
Tape width:	16 mm
Reel diameter:	7 in.