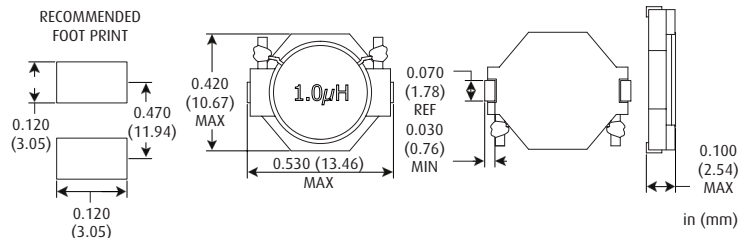


SMP3308LP SERIES



Wirewound Unshielded Low Profile Open Construction Inductor



PART NUMBER	L μ H @ 100 kHz	DCR Ω MAX	I SAT A DC	CURRENT RATING A DC
FERRITE CORE				
SMP3308LP-101M	1.0	0.023	9.0	3.9
SMP3308LP-151M	1.5	0.032	7.0	3.3
SMP3308LP-221M	2.2	0.041	6.0	2.9
SMP3308LP-331M	3.3	0.047	5.0	2.7
SMP3308LP-471M	4.7	0.056	4.3	2.5
SMP3308LP-681M	6.8	0.072	3.8	2.2
SMP3308LP-102M	10	0.092	3.0	2.0
SMP3308LP-152M	15	0.114	2.5	1.7
SMP3308LP-222M	22	0.148	2.0	1.5
SMP3308LP-332M	33	0.206	1.7	1.3
SMP3308LP-472M	47	0.320	1.4	1.0
SMP3308LP-682M	68	0.460	1.2	0.870
SMP3308LP-103M	100	0.641	0.940	0.740
SMP3308LP-153M	150	1.05	0.770	0.580
SMP3308LP-223M	220	1.62	0.640	0.460
SMP3308LP-333M	330	2.28	0.530	0.390
SMP3308LP-473M	470	2.76	0.430	0.350
SMP3308LP-683M	680	4.36	0.360	0.280
SMP3308LP-104M	1000	6.62	0.300	0.230
SMP3308LP-224M	2200	12.5	0.185	0.170
SMP3308LP-334M	3300	19.3	0.155	0.130
SMP3308LP-474M	4700	32	0.140	0.100
SMP3308LP-564M	5600	38	0.125	0.096

NOTES

- **Operating Temperature Range:** -55°C to +125°C
- **Current Rating** is based on a 40°C temperature rise at an ambient temperature of 85°C
- **Saturation Current** is the approximate value that will reduce the initial inductance by 10%
- **Weight Max:** 0.65 grams
- **Marking:** Inductance (see diagram above)
- Molded Epoxy base for superior heat strength
- Materials are fungus-inert to meet method 508 of MIL-STD-810H
- Custom designs are available to meet your specific requirements; please contact factory
- **Applications:** Can be used for all types of power applications including filters for DC/DC converters and switching regulated power supplies.

PART NUMBER DERIVATION

GEC Series — **SMP3308LP - 101 M LF**
Inductance: 2 signif. digits & mult.
 ex: 101 = 1.0 μ H, 102 = 10 μ H, 103 = 100 μ H, 104 = 1000 μ H
Tolerance: M = 20%
 (Table shows lowest standard tolerance option)
 Optional tolerances are available; contact factory
Termination: LF = RoHS, No Suffix = SnPb (Standard)

TAPE AND REEL SPECS

Pieces/reel maximum:	700
Pitch between parts:	16 mm
Tape width:	24 mm
Reel diameter:	13 in.