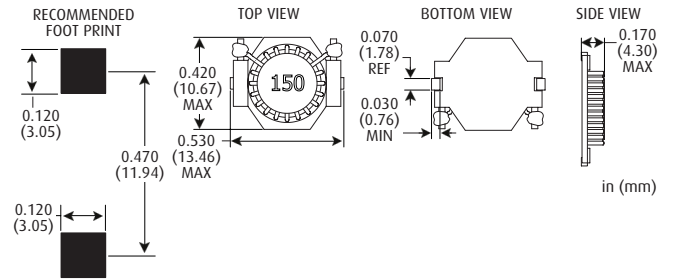


SMT3106 SERIES  
Shielded Open Construction Toroidal Inductor

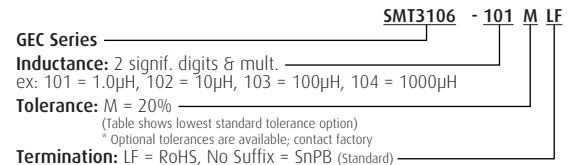


PART NUMBER	L μ H @ 100 kHz	DCR Ω MAX	I SAT A DC	CURRENT RATING A DC
FERRITE CORE				
SMT3106-101M	1.0	0.016	6.8	4.0
SMT3106-151M	1.5	0.018	5.8	3.8
SMT3106-221M	2.2	0.022	4.6	3.4
SMT3106-331M	3.3	0.028	3.4	3.0
SMT3106-471M	4.7	0.031	3.2	2.9
SMT3106-681M	6.8	0.037	2.6	2.7
SMT3106-102M	10	0.046	2.1	2.4
SMT3106-152M	15	0.056	1.6	2.2
SMT3106-222M	22	0.066	1.4	2.0
SMT3106-332M	33	0.130	1.1	1.4
SMT3106-472M	47	0.182	0.95	1.2
SMT3106-682M	68	0.344	0.80	0.87
SMT3106-103M	100	0.550	0.64	0.69
SMT3106-153M	150	1.04	0.54	0.50
SMT3106-223M	220	2.09	0.43	0.35
SMT3106-333M	330	4.28	0.36	0.25
SMT3106-473M	470	5.06	0.29	0.23
SMT3106-683M	680	6.73	0.24	0.20
SMT3106-104M	1000	8.23	0.20	0.18

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 20%
- **Weight Max:** 0.80 grams
- **Marking:** Inductance (see diagram above)
- Molded Epoxy base for superior heat strength
- 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



TAPE AND REEL SPECS

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