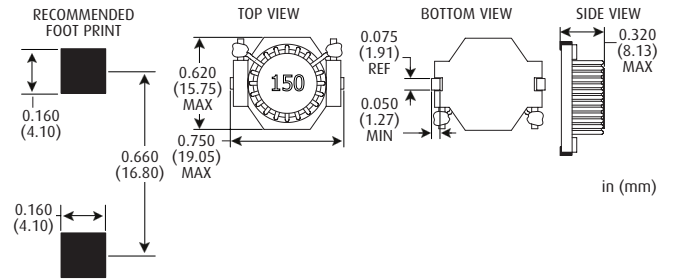


**SMT4015 SERIES**    
Shielded Open Construction Toroidal Inductor 

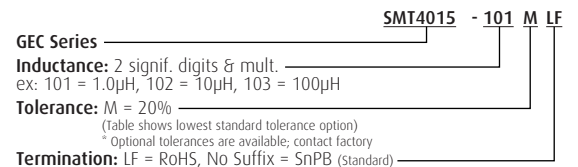


PART NUMBER	L $\mu$ H @ 100 kHz	DCR $\Omega$ MAX	I SAT A DC	CURRENT RATING A DC
<b>FERRITE CORE</b>				
SMT4015-101M	1.0	0.0030	17.4	11.6
SMT4015-151M	1.5	0.0035	11.9	10.8
SMT4015-221M	2.2	0.0040	9.1	10.0
SMT4015-331M	3.3	0.0100	6.9	6.36
SMT4015-471M	4.7	0.0120	6.4	5.81
SMT4015-681M	6.8	0.0140	4.7	5.37
SMT4015-102M	10	0.0170	3.8	4.84
SMT4015-252M	25	0.0350	2.2	3.38
SMT4015-502M	50	0.1100	1.7	1.90
SMT4015-752M	75	0.1400	1.3	1.69
SMT4015-103M	100	0.1550	1.1	1.60
SMT4015-153M	150	0.1900	0.90	1.45
SMT4015-203M	200	0.3200	0.70	1.12
SMT4015-253M	250	0.3600	0.70	1.05
SMT4015-333M	330	0.5200	0.55	0.88

**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:** 3.20 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:	350
Pitch between parts:	24 mm
Tape width:	32 mm
Reel diameter:	13 in.