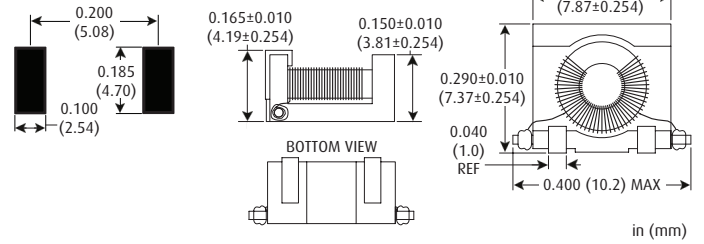


**SMP2007 SERIES**  
Vertical Mount Toroidal Inductor



PART NUMBER	L $\mu$ H @ 1 kHz	DCR $\Omega$ MAX	I SAT A DC	CURRENT RATING A DC
SMP2007-150M	0.15	0.006	15.0	5.9
SMP2007-330M	0.33	0.008	6.0	5.1
SMP2007-470M	0.47	0.009	4.0	4.8
SMP2007-820M	0.82	0.010	2.3	4.6
SMP2007-101M	1.0	0.012	2.1	4.2
SMP2007-221M	2.2	0.016	1.0	3.6
SMP2007-331M	3.3	0.020	0.80	3.2
SMP2007-561M	5.6	0.026	0.68	2.8
SMP2007-102M	10	0.034	0.45	2.5
SMP2007-152M	15	0.060	0.40	1.9

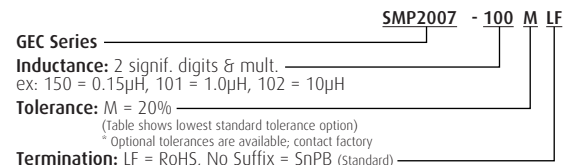
RECOMMENDED FOOT PRINT



**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:** 0.50 grams
- **Marking:** GOWANDA; 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**



**TAPE AND REEL SPECS**

Pieces/reel maximum:	700
Pitch between parts:	12 mm
Tape width:	24 mm
Reel diameter:	13 in.