

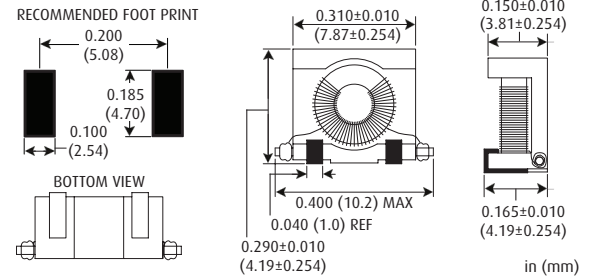
SMRF2007 SERIES



Vertical Mount Open Construction Inductor



PART NUMBER	L μH	TEST FREQ MHz	SRF MIN MHz	DCR Ω MAX	I SAT A DC	CURRENT RATING A DC
SMRF2007-100M	0.10	10	1292	0.019	4500	3100
SMRF2007-220M	0.22	10	624	0.029	3000	2510
SMRF2007-470M	0.47	10	321	0.040	2000	2130
SMRF2007-680M	0.68	10	214	0.059	1600	1760
SMRF2007-101M	1.0	10	180	0.062	1400	1710
SMRF2007-151M	1.5	10	125	0.072	1200	1590
SMRF2007-181M	1.8	10	114	0.077	1000	1540
SMRF2007-271M	2.7	1	86	0.088	900	1440
SMRF2007-331M	3.3	1	82	0.096	800	1380
SMRF2007-391M	3.9	1	78	0.100	700	1350
SMRF2007-561M	5.6	1	64	0.120	600	1230
SMRF2007-681M	6.8	1	58	0.170	540	1040
SMRF2007-821M	8.2	1	51	0.240	490	871
SMRF2007-102M	10	1	51	0.260	440	873
SMRF2007-122M	12	1	45	0.360	400	711
SMRF2007-152M	15	1	45	0.520	340	592
SMRF2007-182M	18	1	34	0.640	310	533
SMRF2007-222M	22	1	25	0.220	98	909
SMRF2007-272M	27	1	25	0.250	88	853
SMRF2007-332M	33	1	25	0.330	78	743
SMRF2007-392M	39	1	24	0.470	72	622
SMRF2007-472M	47	1	20	0.550	60	575



NOTES

- **Operating Temperature Range:** -55°C to +125°C
- **Current Rating** is based on a 35°C temperature rise at an ambient temperature of 90°C
- **Saturation Current** is the approximate value that will reduce the initial inductance by 10%
- **Weight Max:** 0.35 grams
- **Marking:** GOWANDA; Inductance (see diagram above)
- High Q
- 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 RF applications that require total shielding. Can be mounted on boards with minimal spacing between components. Vertical mount for saving board space.

PART NUMBER DERIVATION

SMRF2007 - 100 M LF

GEC Series ————

Inductance: 2 signif. digits & mult. ————

ex: 100 = 0.10μH, 101 = 1.0μH, 102 = 10μH

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: 12 mm

Tape width: 24 mm

Reel diameter: 13 in.