

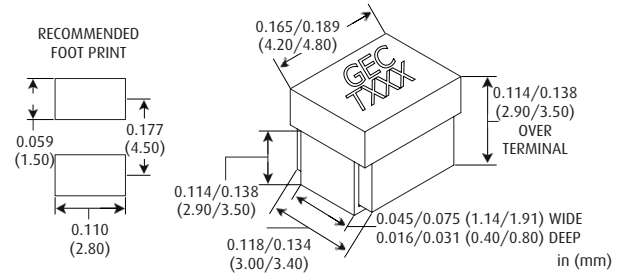
**SMRF1812T SERIES**



Molded Unshielded Temperature Stable Inductor



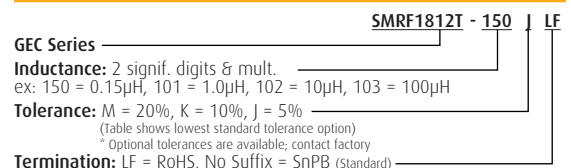
PART NUMBER	L μH	Q MIN	TEST FREQ MHz	SRF MHz MIN	DCR Ω MAX	CURRENT RATING mA DC
<b>FERRITE CORE</b>						
SMRF1812T-150J	0.15	50	25	625	0.11	1260
SMRF1812T-560J	0.56	50	25	130	0.18	991
SMRF1812T-680J	0.68	45	25	110	0.22	897
SMRF1812T-101J	1.0	30	7.9	82	0.43	641
SMRF1812T-121J	1.2	30	7.9	76	0.47	613
SMRF1812T-151J	1.5	30	7.9	70	0.53	578
SMRF1812T-181J	1.8	30	7.9	63	0.58	552
SMRF1812T-221J	2.2	30	7.9	56	0.66	518
SMRF1812T-271J	2.7	30	7.9	49	0.73	492
SMRF1812T-331J	3.3	28	7.9	46	0.83	462
SMRF1812T-391J	3.9	28	7.9	42	0.90	443
SMRF1812T-471J	4.7	25	7.9	35	1.00	421
SMRF1812T-561J	5.6	25	7.9	33	1.20	384
SMRF1812T-681J	6.8	25	7.9	27	1.30	369
SMRF1812T-821J	8.2	25	7.9	25	1.60	333
SMRF1812T-102J	10	28	2.5	24	1.80	313
SMRF1812T-122J	12	28	2.5	23	2.00	297
SMRF1812T-152J	15	28	2.5	21	2.30	277
SMRF1812T-182J	18	28	2.5	17	3.20	235
SMRF1812T-222J	22	30	2.5	16	3.50	225
SMRF1812T-272J	27	30	2.5	15	4.30	203
SMRF1812T-332J	33	30	2.5	13	5.60	178
SMRF1812T-392J	39	30	2.5	12	7.40	155
SMRF1812T-472J	47	35	2.5	10	9.80	134
SMRF1812T-562J	56	35	2.5	9.6	11	127
SMRF1812T-682J	68	35	2.5	8.8	12	121
SMRF1812T-822J	82	35	2.5	8.0	17	102
SMRF1812T-103J	100	22	2.5	7.2	18	100



**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
- **Incremental Current** is the approximate value that will reduce the initial inductance by 5%
- **Weight Max:** 0.15 grams
- **Marking:** GEC; TXXX (dash number) (see diagram above)
- Epoxy-encapsulated for environmental protection and superior strength to withstand all types of reflow soldering
- 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 include:** Electronic test equipment, medical equipment, telecommunications, disk drives, computers and modems, aviation equipment, navigation equipment and cable TV.

**PART NUMBER DERIVATION**



**TAPE AND REEL SPECS**

Pieces/reel maximum:	2200
Pitch between parts:	8 mm
Tape width:	12 mm
Reel diameter:	13 in.

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