

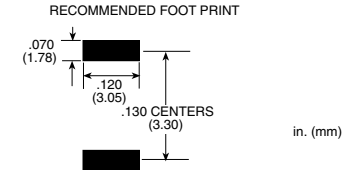
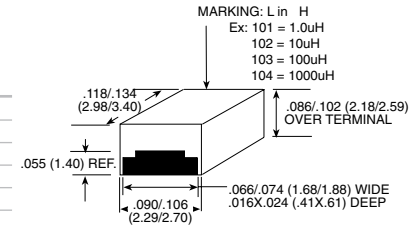
# RF INDUCTORS - SURFACE MOUNT



## SM3 Temperature Stable RF Inductors



PART NUMBER	L $\mu\text{H} \pm 10\%$	@ MHz	DCR MAX.	SRF** MHz MIN.	CURRENT RATING* DC mA	CORE MATERIAL
SM3-010K	.010	10	.04	3800**	1741	PHENOLIC
SM3-012K	.012	10	.04	3300**	1741	PHENOLIC
SM3-015K	.015	10	.05	3020**	1558	PHENOLIC
SM3-018K	.018	10	.05	2500**	1558	PHENOLIC
SM3-022K	.022	10	.06	2260**	1422	PHENOLIC
SM3-027K	.027	10	.07	1900**	1316	PHENOLIC
SM3-033K	.033	10	.08	1700**	1231	PHENOLIC
SM3-039K	.039	10	.09	1630**	1161	PHENOLIC
SM3-047K	.047	10	.09	1414	1161	PHENOLIC
SM3-056K	.056	10	.10	1321	1101	PHENOLIC
SM3-068K	.068	10	.10	1222	1101	PHENOLIC
SM3-082K	.082	10	.12	812	1005	PHENOLIC
SM3-100K	.100	10	.07	708	1721	POWDERED IRON
SM3-120K	.120	10	.08	686	1609	POWDERED IRON
SM3-150K	.150	10	.08	626	1609	POWDERED IRON
SM3-180K	.180	10	.09	552	1517	POWDERED IRON
SM3-220K	.220	10	.12	452	1314	POWDERED IRON
SM3-270K	.270	10	.12	400	1314	POWDERED IRON
SM3-330K	.330	10	.14	400	1217	POWDERED IRON
SM3-390K	.390	10	.17	320	1104	POWDERED IRON
SM3-470K	.470	10	.20	250	1018	POWDERED IRON
SM3-560K	.560	10	.27	170	876	POWDERED IRON
SM3-680K	.680	10	.30	150	831	POWDERED IRON
SM3-820K	.820	10	.33	120	792	POWDERED IRON
SM3-101K	1.0	10	.35	100	769	POWDERED IRON
SM3-121K	1.2	4	.40	90	720	POWDERED IRON
SM3-151K	1.5	4	.45	80	679	POWDERED IRON
SM3-181K	1.8	4	.70	70	544	POWDERED IRON
SM3-221K	2.2	4	.80	60	509	POWDERED IRON
SM3-271K	2.7	4	.95	55	467	POWDERED IRON
SM3-331K	3.3	4	1.0	50	455	POWDERED IRON
SM3-391K	3.9	4	1.5	47	372	POWDERED IRON
SM3-471K	4.7	4	1.9	45	330	POWDERED IRON
SM3-561K	5.6	4	2.1	40	314	POWDERED IRON
SM3-681K	6.8	4	2.2	35	307	POWDERED IRON
SM3-821K	8.2	4	2.6	25	282	POWDERED IRON
SM3-102K	10	4	2.8	25	272	POWDERED IRON
SM3-122K	12	1	3.7	18	237	POWDERED IRON
SM3-152K	15	1	5.3	17	198	POWDERED IRON
SM3-182K	18	1	6.2	16	183	POWDERED IRON
SM3-222K	22	1	6.7	15	176	POWDERED IRON
SM3-272K	27	1	7.5	14	166	POWDERED IRON
SM3-332K	33	1	8.5	13	156	POWDERED IRON
SM3-392K	39	1	9.5	12	148	POWDERED IRON
SM3-472K	47	1	11.4	10	135	POWDERED IRON



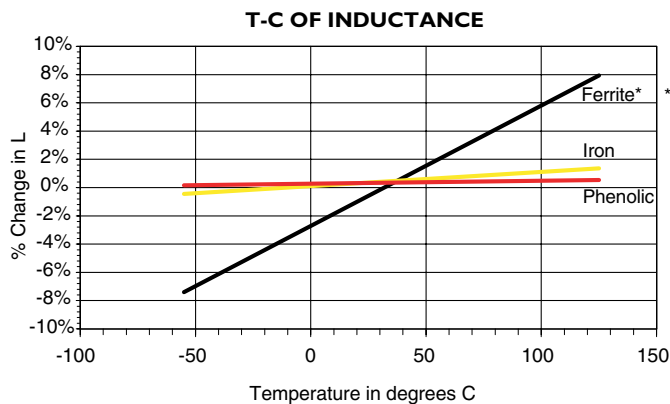
**NOTES:**

- Operating temperature -55°C to +125°C
- \*Rated current is based on a 35°C temperature rise at an ambient temperature of 90°C.
- \*\*SRF approximate nominal values for design info only

**TAPE AND REEL SPECS:**

Pcs./Reel maximum: 2000  
 Pitch between parts: 8 mm  
 Tape width: 8 mm  
 Reel diameter inches: 7

Optional tolerances available, consult factory



\* Ferrite for comparison only

### Q VS. FREQUENCY SM3 SERIES

