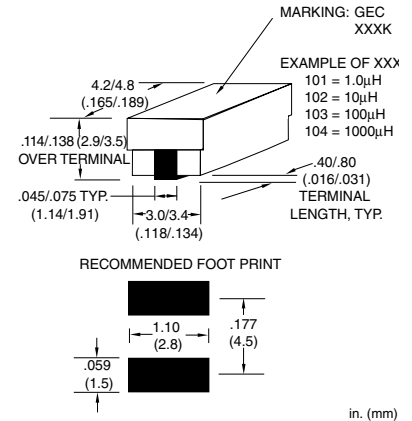


## SMRF1812 Unshielded RF Inductors



PART NUMBER	L $\mu$ H	TEST FREQ. MHz	DCR OHMS MAX.	Q MIN	SRF MHz MIN.	CURRENT RATING* DC mA	CORE MATERIAL
SMRF1812-010M	.010 $\pm$ 20%	50	.10	40	1000	1230	PHENOLIC
SMRF1812-012M	.012 $\pm$ 20%	50	.10	40	1000	1230	PHENOLIC
SMRF1812-015M	.015 $\pm$ 20%	50	.10	40	1000	1230	PHENOLIC
SMRF1812-018M	.018 $\pm$ 20%	50	.10	40	1000	1230	PHENOLIC
SMRF1812-022M	.022 $\pm$ 20%	50	.10	40	1000	1230	PHENOLIC
SMRF1812-027M	.027 $\pm$ 20%	50	.15	40	1000	1000	PHENOLIC
SMRF1812-033M	.033 $\pm$ 20%	50	.15	40	1000	1000	PHENOLIC
SMRF1812-039M	.039 $\pm$ 20%	50	.20	35	1000	870	PHENOLIC
SMRF1812-047M	.047 $\pm$ 20%	50	.20	35	1000	870	PHENOLIC
SMRF1812-056M	.056 $\pm$ 20%	50	.25	35	850	770	PHENOLIC
SMRF1812-068M	.068 $\pm$ 20%	50	.25	35	750	770	PHENOLIC
SMRF1812-082M	.082 $\pm$ 20%	50	.25	35	750	700	PHENOLIC
SMRF1812-100K	.10 $\pm$ 10%	25	.30	50	650	818	IRON
SMRF1812-120K	.12 $\pm$ 10%	25	.30	50	600	818	IRON
SMRF1812-150K	.15 $\pm$ 10%	25	.30	50	500	818	IRON
SMRF1812-180K	.18 $\pm$ 10%	25	.35	50	400	757	IRON
SMRF1812-220K	.22 $\pm$ 10%	25	.40	50	350	708	IRON
SMRF1812-270K	.27 $\pm$ 10%	25	.45	50	300	668	IRON
SMRF1812-330K	.33 $\pm$ 10%	25	.55	50	250	604	IRON
SMRF1812-390K	.39 $\pm$ 10%	25	.70	50	220	535	IRON
SMRF1812-470K	.47 $\pm$ 10%	25	.80	40	180	501	IRON
SMRF1812-560K	.56 $\pm$ 10%	25	1.20	40	170	409	IRON
SMRF1812-680K	.68 $\pm$ 10%	25	1.40	40	150	379	IRON
SMRF1812-820K	.82 $\pm$ 10%	25	1.60	40	140	354	IRON
SMRF1812-101J	1.0 $\pm$ 5%	7.9	.50	50	200	634	FERRITE
SMRF1812-121J	1.2 $\pm$ 5%	7.9	.55	50	80	604	FERRITE
SMRF1812-151J	1.5 $\pm$ 5%	7.9	.60	50	70	578	FERRITE
SMRF1812-181J	1.8 $\pm$ 5%	7.9	.65	50	60	556	FERRITE
SMRF1812-221J	2.2 $\pm$ 5%	7.9	.70	50	55	535	FERRITE
SMRF1812-271J	2.7 $\pm$ 5%	7.9	.75	50	50	517	FERRITE
SMRF1812-331J	3.3 $\pm$ 5%	7.9	.80	50	45	501	FERRITE
SMRF1812-391J	3.9 $\pm$ 5%	7.9	.90	50	40	472	FERRITE
SMRF1812-471J	4.7 $\pm$ 5%	7.9	1.0	50	35	448	FERRITE
SMRF1812-561J	5.6 $\pm$ 5%	7.9	1.1	50	33	427	FERRITE
SMRF1812-681J	6.8 $\pm$ 5%	7.9	1.2	50	27	409	FERRITE
SMRF1812-821J	8.2 $\pm$ 5%	7.9	1.4	50	25	375	FERRITE
SMRF1812-102J	10.0 $\pm$ 5%	2.5	1.6	50	20	354	FERRITE
SMRF1812-122J	12.0 $\pm$ 5%	2.5	2.0	50	18	317	FERRITE
SMRF1812-152J	15.0 $\pm$ 5%	2.5	2.5	50	17	283	FERRITE
SMRF1812-182J	18.0 $\pm$ 5%	2.5	2.8	50	15	268	FERRITE
SMRF1812-222J	22.0 $\pm$ 5%	2.5	3.2	50	13	250	FERRITE
SMRF1812-272J	27.0 $\pm$ 5%	2.5	3.6	50	12	236	FERRITE
SMRF1812-332J	33.0 $\pm$ 5%	2.5	4.0	50	11	224	FERRITE
SMRF1812-392J	39.0 $\pm$ 5%	2.5	4.5	50	11	211	FERRITE
SMRF1812-472J	47.0 $\pm$ 5%	2.5	5.0	50	10	200	FERRITE
SMRF1812-562J	56.0 $\pm$ 5%	2.5	5.5	50	9	191	FERRITE
SMRF1812-682J	68.0 $\pm$ 5%	2.5	6.0	50	9	183	FERRITE
SMRF1812-822J	82.0 $\pm$ 5%	2.5	7.0	50	8	169	FERRITE
SMRF1812-103J	100 $\pm$ 5%	.79	8.0	40	8	158	FERRITE
SMRF1812-123J	120 $\pm$ 5%	.79	8.0	40	6	158	FERRITE
SMRF1812-153J	150 $\pm$ 5%	.79	9.0	40	5	149	FERRITE
SMRF1812-183J	180 $\pm$ 5%	.79	9.5	40	5	145	FERRITE
SMRF1812-223J	220 $\pm$ 5%	.79	10	40	4	142	FERRITE
SMRF1812-273J	270 $\pm$ 5%	.79	12	40	4	129	FERRITE
SMRF1812-333J	330 $\pm$ 5%	.79	14	40	3.5	120	FERRITE
SMRF1812-393J	390 $\pm$ 5%	.79	16	40	3	112	FERRITE
SMRF1812-473J	470 $\pm$ 5%	.79	26	40	3	88	FERRITE
SMRF1812-563J	560 $\pm$ 5%	.79	30	30	3	82	FERRITE
SMRF1812-683J	680 $\pm$ 5%	.79	30	30	3	82	FERRITE
SMRF1812-823J	820 $\pm$ 5%	.79	35	30	2.5	76	FERRITE
SMRF1812-104J	1000 $\pm$ 5%	.79	40	30	2.5	71	FERRITE

Optional tolerances available, consult factory



### NOTES:

- Operating temperature -55°C to +125°C
- \*The current rating that will cause a maximum temperature rise of 35°C from an 90°C ambient.

### TAPE AND REEL SPECS:

Pcs./Reel maximum:	2200
Pitch between parts:	8 mm
Tape width:	12 mm
Reel diameter inches:	13

### Q VS. FREQUENCY SMRF1812 SERIES

