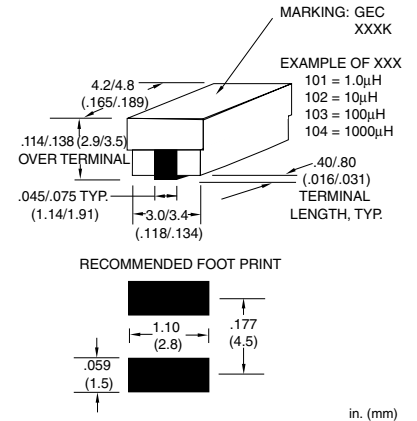


## SMRF1812LF RoHS nshielded RF Inductors



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

