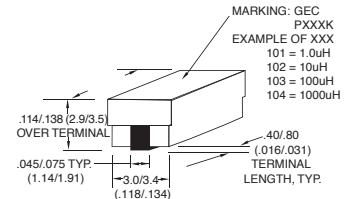


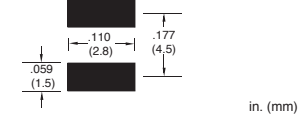
SMPI812LF RoHS Power Inductors



PART NUMBER	L μ H \pm 10% @1 kHz	DCR OHMS MAX	SATURATION CURRENT*		CURRENT RATING**
			DC mA	DC mA	DC mA
SMP1812-101KLF	1.0	.080	2500	2018	
SMP1812-121KLF	1.2	.085	2200	1903	
SMP1812-151KLF	1.5	.087	2000	1619	
SMP1812-181KLF	1.8	.094	1830	1558	
SMP1812-221KLF	2.2	.13	1697	1325	
SMP1812-271KLF	2.7	.14	1513	1277	
SMP1812-331KLF	3.3	.17	1397	1158	
SMP1812-391KLF	3.9	.22	1250	1018	
SMP1812-471KLF	4.7	.24	1131	975	
SMP1812-561KLF	5.6	.34	1060	819	
SMP1812-681KLF	6.8	.37	990	785	
SMP1812-821KLF	8.2	.41	871	746	
SMP1812-102KLF	10	.46	772	704	
SMP1812-122KLF	12	.51	752	669	
SMP1812-152KLF	15	.72	693	563	
SMP1812-182KLF	18	.82	614	527	
SMP1812-222KLF	22	1.11	515	453	
SMP1812-272KLF	27	1.25	465	427	
SMP1812-332KLF	33	1.35	425	411	
SMP1812-392KLF	39	1.50	376	390	
SMP1812-472KLF	47	1.65	366	372	
SMP1812-562KLF	56	1.88	336	348	
SMP1812-682KLF	68	2.95	297	288	
SMP1812-822KLF	82	3.44	267	258	
SMP1812-103KLF	100	4.00	238	239	
SMP1812-123KLF	120	5.53	214	203	
SMP1812-153KLF	150	6.00	191	195	
SMP1812-183KLF	180	7.90	175	170	
SMP1812-223KLF	220	8.80	158	161	
SMP1812-273KLF	270	9.93	143	152	
SMP1812-333KLF	330	14.8	129	124	



RECOMMENDED FOOT PRINT



NOTES:

- Operating temperature -55°C to +125°C
- Core material is high resistance nickel zinc ferrite
- *Saturation current is the approximate value that will reduce the initial inductance by 5%
- **Rated current is based on a 40°C temperature rise at an ambient temperature of 85°C.

TAPE AND REEL SPECS:

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