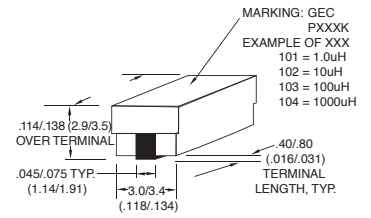


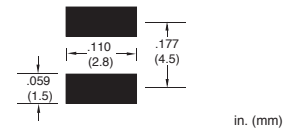
SMPI812 Power Inductors



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