

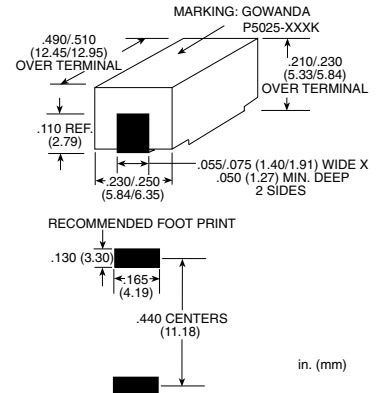
POWER INDUCTORS - SURFACE MOUNT



SMP5025LF RoHS Power Inductors



PART NUMBER	L μ H \pm 10% @1 kHz	DCR MAX	SATURATION CURRENT* DC AMPS	CURRENT RATING** DC AMPS
SMP5025-101KLF	1.0	.015	7.40	5.10
SMP5025-121KLF	1.2	.017	6.40	4.80
SMP5025-151KLF	1.5	.020	6.00	4.42
SMP5025-181KLF	1.8	.023	5.60	4.12
SMP5025-221KLF	2.2	.029	5.20	3.67
SMP5025-271KLF	2.7	.030	4.60	3.61
SMP5025-331KLF	3.3	.035	4.00	3.34
SMP5025-391KLF	3.9	.038	3.80	3.20
SMP5025-471KLF	4.7	.043	3.60	3.00
SMP5025-561KLF	5.6	.046	3.20	2.91
SMP5025-681KLF	6.8	.053	2.80	2.71
SMP5025-821KLF	8.2	.058	2.70	2.59
SMP5025-102KLF	10	.071	2.40	2.34
SMP5025-122KLF	12	.079	2.20	2.22
SMP5025-152KLF	15	.089	2.00	2.09
SMP5025-182KLF	18	.109	1.80	1.89
SMP5025-222KLF	22	.150	1.60	1.61
SMP5025-272KLF	27	.170	1.50	1.51
SMP5025-332KLF	33	.222	1.40	1.33
SMP5025-392KLF	39	.250	1.20	1.25
SMP5025-472KLF	47	.330	1.10	1.09
SMP5025-562KLF	56	.370	1.00	1.03
SMP5025-682KLF	68	.418	.960	.966
SMP5025-822KLF	82	.468	.900	.913
SMP5025-103KLF	100	.620	.800	.793
SMP5025-123KLF	120	.684	.700	.755
SMP5025-153KLF	150	.900	.620	.658
SMP5025-183KLF	180	1.04	.560	.612
SMP5025-223KLF	220	1.16	.520	.580
SMP5025-273KLF	270	1.63	.450	.489
SMP5025-333KLF	330	1.82	.410	.463
SMP5025-393KLF	390	2.05	.390	.436
SMP5025-473KLF	470	2.70	.360	.380
SMP5025-563KLF	560	2.80	.330	.373
SMP5025-683KLF	680	4.10	.290	.308
SMP5025-823KLF	820	4.70	.260	.288
SMP5025-104KLF	1000	5.40	.245	.269
SMP5025-124KLF	1200	8.30	.220	.218
SMP5025-154KLF	1500	9.40	.200	.204
SMP5025-184KLF	1800	11.0	.190	.188
SMP5025-224KLF	2200	12.0	.160	.180
SMP5025-274KLF	2700	16.0	.150	.156
SMP5025-334KLF	3300	17.0	.140	.151
SMP5025-394KLF	3900	21.0	.130	.136
SMP5025-474KLF	4700	25.0	.120	.125
SMP5025-564KLF	5600	30.0	.110	.114
SMP5025-684KLF	6800	49.0	.094	.089
SMP5025-824KLF	8200	55.0	.088	.084
SMP5025-105KLF	10000	62.0	.080	.079



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:	800
Pitch between parts:	12 mm
Tape width:	24 mm
Reel diameter inches:	13