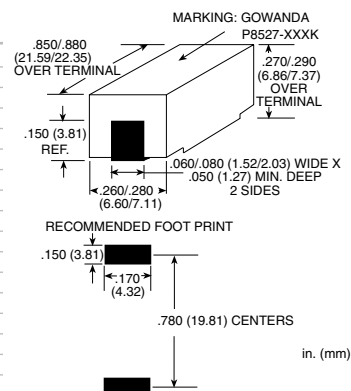


SMP8527LF RoHS Power Inductors



PART NUMBER	L μ H $\pm 10\%$ @1 kHz	DCR MAX	SATURATION CURRENT* DCAMPS	CURRENT RATING** DCAMPS
SMP8527-101KLF	1.0	.011	10.0	6.68
SMP8527-121KLF	1.2	.012	8.4	6.40
SMP8527-151KLF	1.5	.013	8.2	6.15
SMP8527-181KLF	1.8	.014	6.8	5.92
SMP8527-221KLF	2.2	.016	6.4	5.54
SMP8527-271KLF	2.7	.017	5.8	5.37
SMP8527-331KLF	3.3	.018	5.4	5.22
SMP8527-391KLF	3.9	.020	4.8	4.95
SMP8527-471KLF	4.7	.024	4.2	4.52
SMP8527-561KLF	5.6	.026	3.8	4.35
SMP8527-681KLF	6.8	.034	3.4	3.80
SMP8527-821KLF	8.2	.037	3.2	3.64
SMP8527-102KLF	10	.043	3.0	3.38
SMP8527-122KLF	12	.048	2.8	3.20
SMP8527-152KLF	15	.049	2.6	3.17
SMP8527-182KLF	18	.054	2.2	3.02
SMP8527-222KLF	22	.059	2.0	2.88
SMP8527-272KLF	27	.070	1.8	2.65
SMP8527-332KLF	33	.077	1.8	2.53
SMP8527-392KLF	39	.084	1.6	2.42
SMP8527-472KLF	47	.101	1.4	2.20
SMP8527-562KLF	56	.113	1.4	2.08
SMP8527-682KLF	68	.145	1.2	1.84
SMP8527-822KLF	82	.173	1.2	1.68
SMP8527-103KLF	100	.208	1.00	1.54
SMP8527-123KLF	120	.283	.960	1.32
SMP8527-153KLF	150	.414	.860	1.10
SMP8527-183KLF	180	.468	.800	1.02
SMP8527-223KLF	220	.505	.680	.990
SMP8527-273KLF	270	.620	.620	.890
SMP8527-333KLF	330	.720	.600	.826
SMP8527-393KLF	390	.770	.540	.799
SMP8527-473KLF	470	1.00	.500	.700
SMP8527-563KLF	560	1.27	.500	.620
SMP8527-683KLF	680	1.50	.450	.570
SMP8527-823KLF	820	1.96	.420	.500
SMP8527-104KLF	1000	2.28	.360	.460
SMP8527-124KLF	1200	2.52	.320	.440
SMP8527-154KLF	1500	3.49	.280	.380
SMP8527-184KLF	1800	3.89	.260	.360
SMP8527-224KLF	2200	4.40	.240	.330
SMP8527-274KLF	2700	5.78	.200	.290
SMP8527-334KLF	3300	7.51	.180	.260
SMP8527-394KLF	3900	8.44	.170	.240
SMP8527-474KLF	4700	9.56	.150	.230
SMP8527-564KLF	5600	13.2	.140	.190
SMP8527-684KLF	6800	15.0	.130	.180
SMP8527-824KLF	8200	17.0	.120	.170
SMP8527-105KLF	10000	22.8	.100	.150



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:	480
Pitch between parts:	16 mm
Tape width:	44 mm
Reel diameter inches:	13

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Gowanda Electronics:

<u>SMP8527-121KLF</u>	<u>SMP8527-122KLF</u>	<u>SMP8527-123KLF</u>	<u>SMP8527-124KLF</u>	<u>SMP8527-151KLF</u>	<u>SMP8527-152KLF</u>
<u>SMP8527-153KLF</u>	<u>SMP8527-154KLF</u>	<u>SMP8527-181KLF</u>	<u>SMP8527-182KLF</u>	<u>SMP8527-183KLF</u>	<u>SMP8527-184KLF</u>
<u>SMP8527-271KLF</u>	<u>SMP8527-272KLF</u>	<u>SMP8527-273KLF</u>	<u>SMP8527-274KLF</u>	<u>SMP8527-561KLF</u>	<u>SMP8527-562KLF</u>
<u>SMP8527-563KLF</u>	<u>SMP8527-564KLF</u>	<u>SMP8527-821KLF</u>	<u>SMP8527-822KLF</u>	<u>SMP8527-823KLF</u>	<u>SMP8527-824KLF</u>