



Coilmaster Electronics Co., Ltd.

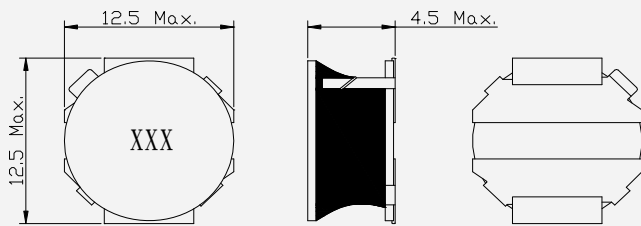
9F-3 No.398, Huan Bei Rd. Chung Li City, Taoyuan 320, Taiwan
Tel : +886-3-422-8279 Fax : +886-3-422-8734

E-mail : info@coilmaster.com.tw

Web Site : www.coilmaster.com.tw

SMT Power Inductors

SQH124CS



- Size : 12.5x12.5x4.5 (mm)
- Core material : Ferrite + Magnetics Epoxy
- Magnetically shielded
- RoHS-compatible

Terminals : Lead-free tinned
 Solderability : Reflow soldering
 Marking : L value (μ H, coded)
 Delivery mode : Tape & reel packing
 Packing unit : 400 pcs/reel

INDUCTANCE (μ H)	Tolerance	f_L MHz	IDC (A) (Max.)	DCR (Ω) (Max.)	Ordering code
3.9	$\pm 30\% = N$	0.1	6.50	0.015	SQH124CS-3R9N-LF
4.7		0.1	5.70	0.018	SQH124CS-4R7N-LF
6.8		0.1	4.90	0.023	SQH124CS-6R8N-LF
8.2		0.1	4.60	0.026	SQH124CS-8R2N-LF
10	$\pm 20\% = M$	0.1	4.50	0.028	SQH124CS-100M-LF
12		0.1	4.00	0.038	SQH124CS-120M-LF
15		0.1	3.20	0.050	SQH124CS-150M-LF
18		0.1	3.10	0.057	SQH124CS-180M-LF
22		0.1	2.90	0.066	SQH124CS-220M-LF
27		0.1	2.80	0.080	SQH124CS-270M-LF
33		0.1	2.70	0.097	SQH124CS-330M-LF
39		0.1	2.10	0.132	SQH124CS-390M-LF
47		0.1	1.90	0.160	SQH124CS-470M-LF
56		0.1	1.80	0.190	SQH124CS-560M-LF
68		0.1	1.50	0.220	SQH124CS-680M-LF
82		0.1	1.30	0.260	SQH124CS-820M-LF
100		0.1	1.20	0.308	SQH124CS-101M-LF
120		0.1	1.10	0.380	SQH124CS-121M-LF
150		0.1	0.95	0.530	SQH124CS-151M-LF
180		0.1	0.85	0.620	SQH124CS-181M-LF
220		0.1	0.80	0.700	SQH124CS-221M-LF
270		0.1	0.60	0.870	SQH124CS-271M-LF
330		0.1	0.50	0.990	SQH124CS-331M-LF

- DC current at which the inductance drops 25% (typ) from its value without current.
- Operating temperature range -40°C to $+125^{\circ}\text{C}$. Electrical specifications at 25°C .