



**Coilmaster Electronics Co., Ltd.**

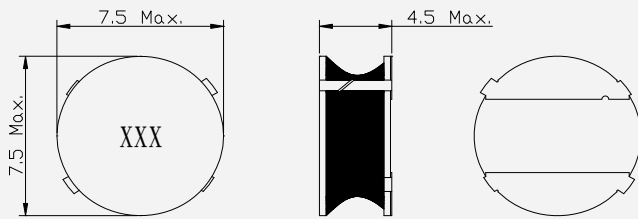
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## SMT Power Inductors

### SQH74CS



- Size : 7.5x7.5x4.5 (mm)
- Core material : Ferrite + Magnetics Epoxy
- Magnetically shielded
- RoHS-compatible

Terminals : Lead-free tinned  
 Solderability : Reflow soldering  
 Marking : L value ( $\mu$ H, coded)  
 Delivery mode : Tape & reel packing  
 Packing unit : 1000 pcs/reel

INDUCTANCE ( $\mu$ H)	Tolerance	f <sub>L</sub> MHz	IDC (A) (Max.)	DCR ( $\Omega$ ) (Max.)	Ordering code
10	±20%=M	0.001	1.84	0.049	SDS74CS-100M-LF
12		0.001	1.71	0.058	SDS74CS-120M-LF
15		0.001	1.47	0.081	SDS74CS-150M-LF
18		0.001	1.31	0.091	SDS74CS-180M-LF
22		0.001	1.23	0.110	SDS74CS-220M-LF
27		0.001	1.12	0.150	SDS74CS-270M-LF
33		0.001	0.96	0.170	SDS74CS-330M-LF
39		0.001	0.91	0.230	SDS74CS-390M-LF
47		0.001	0.88	0.260	SDS74CS-470M-LF
56		0.001	0.75	0.350	SDS74CS-560M-LF
68		0.001	0.69	0.380	SDS74CS-680M-LF
82		0.001	0.61	0.430	SDS74CS-820M-LF
100		0.001	0.60	0.610	SDS74CS-101M-LF
120		0.001	0.52	0.660	SDS74CS-121M-LF
150		0.001	0.46	0.880	SDS74CS-151M-LF
180		0.001	0.42	0.980	SDS74CS-181M-LF
220		0.001	0.36	1.170	SDS74CS-221M-LF
270		0.001	0.34	1.640	SDS74CS-271M-LF
330	0.001	0.32	1.860	SDS74CS-331M-LF	
390	0.001	0.29	2.850	SDS74CS-391M-LF	
470	0.001	0.26	3.010	SDS74CS-471M-LF	
560	0.001	0.23	3.620	SDS74CS-561M-LF	
680	0.001	0.22	4.630	SDS74CS-681M-LF	
820	0.001	0.20	5.200	SDS74CS-821M-LF	
1000	0.001	0.18	6.000	SDS74CS-102M-LF	

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